



August 18, 2023

City of Maricopa  
Ross Renner  
39700 W Civic Center Plaza  
Maricopa, AZ 85138

RE: ADOT PERMIT NO: 1232122 / Location: SR-347(SB) @ 173.000-174.000

Dear Ross Renner:

Before proceeding with the attached permit, please read the specifications and standards which are included as part of your permit.

***Please be advised ADOT has a moratorium during the holidays and all work shall stop the day before a holiday and/or holiday weekend. A mandatory preconstruction meeting shall be scheduled prior to any construction activities with all municipalities impacted. Failure to schedule the meeting will suspend the permit until further notice.***

Permittee shall submit, the Road Restrictions Report Form, to the ADOT Central Permit Office, via Email (CentralPermit@azdot.gov), 10 days in advance, when encroaching onto ADOT ROW. Permittee may request the use of ADOT permanent Variable Message Sign Board, if applicable.

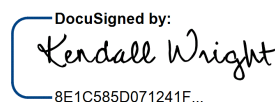
**It is of utmost importance, before starting work within the highway right-of-way, that you use an approved traffic control set-up if traffic will be or could possibly be involved.**

After reading the permit, if you feel it covers the work you wish to do, and you are ready to pursue the project to its completion please notify your area inspector, Ryan Nichole Lewis at 632-235-5742, three business days prior to beginning any work.

If work cannot be completed by the expiration date shown on the permit, please submit written justification for a time extension as well as a current insurance certificate naming the State of Arizona and ADOT as additional insured.

If I may be of any further assistance to you, please feel free to call.

Sincerely,

DocuSigned by:  
  
8E1C585D071241F...

Kendall Wright  
Central District Permits Office  
2140 W Hilton Avenue  
Phoenix, AZ 85009  
Phone: 602-712-7522  
kwright@azdot.gov

**CENTRAL DISTRICT PERMITS**

T 127019  
P 1232122



Infrastructure Delivery and Operations

**NOTICE OF START**

Kendall Wright  
Central District Permits Office  
2140 W Hilton Avenue  
Phoenix, AZ 85009  
Tel: 602-712-7522

THIS IS TO INFORM YOU THAT ADOT PERMIT# 1232122, WILL BE STARTED:

START DATE: \_\_\_\_\_

---

Ross Renner  
City of Maricopa  
39700 W Civic Center Plaza  
Maricopa, AZ 85138  
480-540-3569

**PLEASE EMAIL THIS NOTICE AT LEAST THREE BUSINESS DAYS PRIOR TO OF START:**  
**[kwright@azdot.gov](mailto:kwright@azdot.gov)**

SR-347(SB) @ 173.000-174.000

**CENTRAL DISTRICT PERMITS**

T 127019  
P 1232122



Infrastructure Delivery and Operations

**NOTICE OF COMPLETION**

Kendall Wright  
Central District Permits Office  
2140 W Hilton Avenue  
Phoenix, AZ 85009  
Tel: 602-712-7522

THIS IS TO INFORM YOU THAT ADOT PERMIT# 1232122, HAS BEEN COMPLETED.

COMPLETION DATE: \_\_\_\_\_

\_\_\_\_\_  
Ross Renner  
City of Maricopa  
39700 W Civic Center Plaza  
Maricopa, AZ 85138  
480-540-3569

**PLEASE EMAIL THIS TO US WHEN YOU HAVE COMPLETED YOUR WORK:**  
**[kwright@azdot.gov](mailto:kwright@azdot.gov)**

SR-347(SB) @ 173.000-174.000

**CENTRAL DISTRICT PERMITS**

T 127019

P 1232122



## ARIZONA DEPARTMENT OF TRANSPORTATION

Infrastructure Delivery and Operations Division

www.azdot.gov

## ENCROACHMENT PERMIT APPLICATION

## FOR ADOT USE:

ADOT Agreement Number: \_\_\_\_\_ ECS ☐ JPA ☐ OTHER: ☐

PERMIT NUMBER: 1232122 ROUTE: 347 MILEPOST: 171

ADOT PROJECT NUMBER: \_\_\_\_\_ ADOT ENGINEERING STATION: \_\_\_\_\_

## NAME OF ENCROACHMENT OWNER:

City of Maricopa

Mailing Address of Owner:

39700 W. Civic Center Plaza

City:

Maricopa

State:

AZ

Zip:

85138

Phone:

520-316-6952

E-mail address:

ross.renner@maricopa-az.gov

Name of Local Point of Contact:

Ross Renner

Phone Number for Local Point of Contact:

520-316-6952(office), 480-540-3569(mobile)

## NAME OF AUTHORIZED AGENT/APPLICANT: If other than Encroachment Owner

Sunland Asphalt and Construction, LLC

Mailing Address of Authorized Agent:

1625 E Northern Ave

City:

Phoenix

State:

AZ

Zip:

85020

Phone:

602-323-2800

E-mail Address:

cstoick@sunlandasphalt.com

## Legal Relationship to Owner:

☒ Contractor ☐ Sub Contractor ☐ Authorized Employee☐ Engineer ☐ Attorney ☐ Other: \_\_\_\_\_

TRAFFIC CONTROL COMPANY: Trafficade

CONTACT NAME AND PHONE NUMBER: Geo Gutierrez 602-722-8482

HIGHWAY/ROUTE: SR 347 Approximately: 1425.6 Feet: N ☐ S ☐ E ☐ W ☐ of Milepost # 171 or Cross Street:Side of Highway: (check one) N ☐ S ☐ E ☒ W ☐ City (in or near): Maricopa

Encroachment Owner's Project or Parcel Number: NCAC 20-129

Project Duration: 3 months

## DESCRIPTION OF PROPOSED WORK OR ACTIVITY TO OCCUR IN RIGHT-OF-WAY:

Project will add traffic signals, sidewalk ramps, signing and pavement markings west of the section line within the Ak Chin easement.

All other work on SR 347 is located east of the section line within the City of Maricopa right-of-way.

## CENTRAL DISTRICT PERMITS

T 127019

P 1232122

The Encroachment Owner will be the Permittee. By signing this application, the Encroachment Owner and the Owner's Agent acknowledge that the information given and statements made in this application are true and correct to the best of his/her knowledge. THE ENCROACHMENT OWNER MUST ALSO SIGN ON PAGE TWO TO AGREE TO ACCEPT THE GENERAL OBLIGATIONS AND RESPONSIBILITIES AS DESCRIBED ON PAGE TWO OF THIS APPLICATION. By accepting an approved encroachment permit ONCE ISSUED the Permittee agrees to the requirements described in the permit, to be responsible for all permit requirements, and to comply with ADOT's requirements as set out in the permit. An approved permit consists of, but is not limited, to this application and final supporting documentation approved by ADOT, and any requirements set by ADOT. NO WORK SHALL TAKE PLACE INSIDE THE RIGHT OF WAY WITHOUT AN ADOT APPROVED PERMIT ON SITE. \*\*\*\*\*NOTE: UTILITY APPLICANTS MUST ALSO CERTIFY #19 & #20 ON PAGE TWO AS APPLICABLE.\*\*\*\*\*

Ross Renner

Encroachment Owner (Print Name and Sign)

Ross Renner

Digitally signed by Ross Renner  
Date: 2023.08.03 08:26:27 -07'00'

8-3-23

Date

Chris Stoick

Chris Stoick

Digitally signed by Chris Stoick  
DN: C=US, E=cstoick@sunlandasphalt.com,  
O=Sunland Asphalt, CN=Chris Stoick  
Date: 2023.08.04 05:16:46 -07'00'

8/3/2023

Date

Authorized Agent or Applicant: If other than the Encroachment Owner (Print Name and Sign)

Geo Gutierrez

Geovane Gutierrez

Digitally signed by Geovane Gutierrez  
Date: 2023.08.04 06:55:11 -07'00'

8-3-2023

Date

Traffic Control Company Representative (Print Name and Sign)

## FOR ADOT USE:

## PERMIT TO USE STATE HIGHWAY RIGHT-OF-WAY

This application is approved as a permit and a permit is issued to the Permittee. Construction is authorized only for the period indicated below.

Authorized ADOT Name and Signature  
Kendall Wright

Authorized ADOT Name and Signature

PERMIT ISSUED(Date): 8/18/2023

PERMIT WORK TO BE COMPLETED BY (Date): 11/16/2023

## THE PERMITTEE SHALL:

1. Assume all legal liability and financial responsibility for the encroachment activity for the duration of the encroachment, including indemnify, defend, and save harmless ADOT and the State of Arizona and any of its departments, agencies, boards, commissions, universities, officers, officials, agents and employees from and against any and all claims, demands, suits, actions, proceedings, loss, costs, damages of every kind, or expenses, including court costs, reasonable attorney's fees and/or litigation expenses, and costs of claim processing and investigation, arising out of bodily injury or death of any person, or tangible or intangible property damage, caused, or alleged to be caused, in whole or in part, by the negligent or willful acts, or omissions of the Permittee, any of its directors, officers, agents, employees, or volunteers, or its contractor or subcontractors. This indemnity includes any claim or amount arising out of or recovered under the Workers' Compensation Law or arising out of the contractor's failure to conform to any federal, state or local law, statute, ordinance, rule, regulation or court decree. Permittee and Contractor agree to provide ADOT with certificate(s) of insurance (COI) consistent with the requirements stated in the ADOT Permit Insurance Matrix and to provide the State of Arizona/ADOT with endorsements or evidence to satisfy the Additional Insured, Waiver of Subrogation and Primary/Non-Contributory coverage requirements. The required insurance shall be kept in force by the Permittee and its contractors/subcontractors for the term of the permit and shall not expire, be cancelled or materially changed to affect coverage available to the State without thirty (30) days written notice to the State. Automobile and Worker's Compensation coverage requirements are dependent upon the use of employees and autos for the encroachment activity. Permittee agrees to maintain and make available to ADOT all contractors/subcontractors' certificates upon demand. ADOT reserves the right to require an increase or allow a decrease in insurance limits or coverage based on the risks and financial exposure arising out of the event or activity proposed in the permit application.
2. Comply with Environmental Laws.
  - A. Environmental Laws refer collectively to any and all federal, state, or local statute, law, ordinance, code, rule, regulation, permit, order or decree regulating, relating to, or imposing liability or standards of conduct on a person discharging, releasing or threatening to discharge or release or causing the discharge or release of any hazardous or solid waste or any hazardous substance, pollutant, contaminant, water, wastewater or storm water, and specifically includes, but is not limited to: The Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act; the Comprehensive Environmental Response, Compensation and Liability Act, as amended; the Toxic Substances Control Act; the Clean Water Act (CWA); the Clean Air Act; the Occupational Safety and Health Act; the Arizona Water Quality Act Revolving Fund Act, the Arizona Hazardous Waste Management Act, any applicable National Pollutant Discharge Elimination System (NPDES) or Arizona Pollution Discharge Elimination System (AZPDES) permit, any applicable CWA Section 404 permit, or any local pretreatment or environmental nuisance ordinance.
  - B. The Permittee (and/or their agent) specifically agree that in the course of performing any activity for which this Permit is necessary:
    - i. Shall comply with any and all Environmental Laws;
    - ii. Ensure that no activity under this Permit shall cause ADOT to be in violation of any Environmental Laws;
    - iii. Indemnify ADOT for any losses, damages, expenses, penalties, liabilities or claims of any nature whatsoever suffered by or asserted against ADOT
  - C. If the Permittee fails or refuses to comply with any Environmental Laws, or causes ADOT to be in violation of any Environmental Laws; ADOT may at its sole and unreviewable discretion, (1) revoke this Permit; (2) require the Permittee to undertake corrective or remedial action to address any release or threatened release or discharge of the hazardous substance, pollutant or contaminant, water, wastewater or storm water; and (3) expressly consents to entry of injunctive relief to enforce any listed remedies.
3. Be responsible for any repair or maintenance work and repair any aspect or condition of the encroachment that causes danger or hazard to the traveling public, for the duration of the encroachment and must perform such work under the appropriate encroachment permit authorization.
4. Comply with ADOT's traffic control standards with an ADOT approved traffic control plan.
5. In any case and at the Department's discretion; ADOT may require written approval from the abutting property owner prior to issuance of the encroachment permit. If the encroachment encroaches on abutting property owned by someone other than the permittee (and/or on underlying fee land owned by someone other than the permittee where ADOT owns its right of way by easement), the Permittee must obtain written approval from the abutting property owner (and/or underlying fee owner where ADOT owns its right of way by easement).
6. ADOT reserves the right to require the permittee to perform any repairs necessary to address damages caused by the encroachment throughout the life of the encroachment.
7. Remove the encroachment and restore repair the portions of the right-of-way that were damaged as a result of the encroachment to substantially the same condition as existed prior to the damage if ADOT cancels the encroachment permit, and terminates all rights under the permit, or if the project terminates for any reason beyond ADOT's control.
8. Reimburse ADOT for costs incurred or deposit with ADOT money necessary to cover all costs incurred for activities related to the encroachment, such as inspections, restoring and/or repairing portions of the right-of-way damaged by the encroachment to substantially the same condition as existed prior to the damage, removing the encroachment, or repair encroachment to originally permitted condition and comply with ADOT's bond policy as applicable.
9. Notify new owner of property or encroachment to apply for an ADOT encroachment permit, as required by Arizona Administrative Rule R17-3-502(D).
10. Apply for a new encroachment permit if the use of the permitted encroachment or the use of adjoining property changes.
11. Keep a copy of the encroachment permit at the work site or site of encroachment activity.
12. Construct the encroachment according to attached Specifications, Standards and the plans approved by ADOT as part of the final permit, any field changes shall be approved by ADOT prior to implementation.
13. Obtain all required permits from other government agencies or political subdivisions.
14. Remove any defective materials, or materials that fail to pass ADOT's final inspection, and replace with materials ADOT specifies.
15. Have the right to a hearing as prescribed in Arizona Administrative Code, R17-3-509 if the permit application is denied.
16. Understand that once issued, the permit is revocable and subject to modification or abrogation by ADOT at any time, without prejudice.
17. In accordance with Arizona Administrative Code, R17-3-508, If ADOT requires the relocation or removal of the encroachment or parts of the encroachment due to project construction or other ADOT related operation, the permittee agrees to remove or relocate the encroachment by the date agreed to in the Utility Clearance Letter. If the encroachment is not removed by the agreed date, fines will be imposed at a minimum rate of \$5,000/day until the encroachment is no longer in ADOT's path of work.
18. Following the installation or relocation of utilities within ADOT Rights-of-Way, utility companies are required to provide x,y,z coordinates utilizing NAD 83 State Plane AZ Central Feet International and in Geo-database file format.
19. Certify that the Permittee has overlash approval on existing poles from the utility company pole owner. Initial \_\_\_\_\_ (If applicable)
20. Certify that the Permittee has written approval from the abutting property owners if encroachment impacts abutting property; and or underlying fee owner where ADOT is within an easement. Initial \_\_\_\_\_ (If applicable)

**CENTRAL DISTRICT PERMITS**

**T 127019**

**P 1232122**

By accepting an ADOT approved Encroachment permit, the Permittee agrees to the requirements described in the permit, to be responsible for all permit requirements, and to comply with ADOT's requirements as set out in the permit. **NO WORK SHALL TAKE PLACE INSIDE THE RIGHT OF WAY WITHOUT AN ADOT APPROVED PERMIT ON SITE.**

**I have read, understand and shall comply with the requirements as stated above:**

**Name:** Ross Renner

**Date:** 8-3-23

**Signature:** Ross Renner

Digitally signed by Ross Renner  
Date: 2023.08.03 08:26:12 -07'00'



CITYOFM-93

JSHARMA

## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/21/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

|                                                                                        |                                                                                                                                                                                                                                                           |                          |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| PRODUCER<br>Alliant Insurance Services, Inc.<br>701 B St 6th Fl<br>San Diego, CA 92101 | CONTACT<br>PHONE (A/C, No, Ext): (619) 238-1828<br>FAX (A/C, No):<br>E-MAIL:<br>INSURER(S) AFFORDING COVERAGE<br>INSURER A: Travelers Indemnity Company<br>INSURER B: Travelers Indemnity Company<br>INSURER C:<br>INSURER D:<br>INSURER E:<br>INSURER F: | NAIC #<br>25658<br>25674 |
| INSURED<br>City of Maricopa<br>39700 W. Civic Center Plaza<br>Maricopa, AZ 85138       |                                                                                                                                                                                                                                                           |                          |

**Contingent**  
**ACCEPTANCE-ADOT Risk**  
**Management**

## COVERAGES

## CERTIFICATE NUMBER:

## REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE                                                                                                                                                                                                                                                                                              | ADDL INSD | SUBR WVD | POLICY NUMBER   | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS                                                                                                                                                                                                                               |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|-----------------|-------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A        | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC<br>OTHER: | X         | X        | ZLP31N1159223PB | 7/1/2023                | 7/1/2024                | EACH OCCURRENCE \$ 1,000,000<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000<br>MED EXP (Any one person) \$<br>PERSONAL & ADV INJURY \$ 1,000,000<br>GENERAL AGGREGATE \$ 2,000,000<br>PRODUCTS - COMP/OP AGG \$ 2,000,000 |
| A        | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY<br><input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY<br><input type="checkbox"/> SCHEDULED AUTOS<br><input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY                         | X         | X        | 8103N66722023PB | 7/1/2023                | 7/1/2024                | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$<br>Per Accident \$ 1,000,000                                               |
| B        | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR<br><input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE<br>DED <input checked="" type="checkbox"/> RETENTION \$ 10,000                                                             |           |          | ZUP41N0947723PB | 7/1/2023                | 7/1/2024                | EACH OCCURRENCE \$ 10,000,000<br>AGGREGATE \$ 10,000,000                                                                                                                                                                             |
| B        | <input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below                                                                                     | Y/N<br>N  | X        | UB3N75567423PBG | 7/1/2023                | 7/1/2024                | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER<br>E.L. EACH ACCIDENT \$ 1,000,000<br>E.L. DISEASE - EA EMPLOYEE \$ 1,000,000<br>E.L. DISEASE - POLICY LIMIT \$ 1,000,000                            |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
Project - For any and all work performed in ADOT's right-of-way.

State of Arizona, ADOT, and its departments, agencies, boards, commissions, universities, officers, officials, agents, and employees are included as Additional Insureds as respects to General Liability and Auto Liability. Also included are the following additional insureds as required by written contract for the roadway enhancement project: Maricopa-Stanfield Irrigation & Drainage District (MSIDD); George Cairo Engineering Inc (GCE); United States Bureau of Reclamation (USBR).

SEE ATTACHED ACORD 101

CENTRAL DISTRICT PERMITS

## CERTIFICATE HOLDER

T 127019

P 1232122

The State of Arizona; Arizona Dept. of Transportation  
Dept. Public Safety  
Attn: Permits  
1324 N 22nd Avenue MD 128A  
Phoenix, AZ 85009

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



## ADDITIONAL REMARKS SCHEDULE

|                                                   |                             |                                                                                                             |
|---------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------|
| AGENCY<br><b>Alliant Insurance Services, Inc.</b> |                             | NAMED INSURED<br><b>City of Maricopa</b><br><b>39700 W. Civic Center Plaza</b><br><b>Maricopa, AZ 85138</b> |
| POLICY NUMBER<br><b>SEE PAGE 1</b>                |                             |                                                                                                             |
| CARRIER<br><b>SEE PAGE 1</b>                      | NAIC CODE<br><b>SEE P 1</b> | EFFECTIVE DATE: <b>SEE PAGE 1</b>                                                                           |

## ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,  
FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

## Description of Operations/Locations/Vehicles:

The General Liability policy shall be Primary and Non-Contributory with any other insurance in force for or which may be purchased by the Additional Insureds.

Waiver of Subrogation applies in favor of the Additional Insureds with respects to General Liability, Auto Liability, and Workers Compensation as permitted by law.

CENTRAL DISTRICT PERMITS

T 127019P 1232122



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/24/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in the subrogation endorsement(s).

|                                                                                                            |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |              |                                      |       |                                                       |       |                                            |       |                                                   |       |                                           |       |
|------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------|--------------|--------------------------------------|-------|-------------------------------------------------------|-------|--------------------------------------------|-------|---------------------------------------------------|-------|-------------------------------------------|-------|
| <b>PRODUCER</b><br>Reseco Insurance Advisors, LLC<br>7901 N. 16th Street,<br>Suite 100<br>Phoenix AZ 85020 |              | <b>CONTACT</b><br>NAME:<br>PHONE (A/C No. Ext): 602-753-4250<br>FAX (A/C No.): 602-419-2242<br>E-MAIL: certificates@resecoadvisors.com<br>ADDRESS: certificates@resecoadvisors.com                                                                                                                                                                                                                                                                                                                                                     |  |                                             |              |                                      |       |                                                       |       |                                            |       |                                                   |       |                                           |       |
| <b>INSURED</b><br>Sunland Asphalt & Construction, LLC<br>1625 E. Northern Avenue<br>Phoenix AZ 85020       |              | <b>INSURER(S) AFFORDING COVERAGE</b><br><table><tr><td>INSURER A: National Union Fire Ins Co of PA</td><td>NAIC # 19445</td></tr><tr><td>INSURER B: Allied World Assurance Co</td><td>19489</td></tr><tr><td>INSURER C: Travelers Excess and Surplus Lines Company</td><td>29696</td></tr><tr><td>INSURER D: Endurance American Insurance Co</td><td>10641</td></tr><tr><td>INSURER E: Travelers Property Casualty Co of Amer</td><td>25674</td></tr><tr><td>INSURER F: Cincinnati Insurance Companies</td><td>23280</td></tr></table> |  | INSURER A: National Union Fire Ins Co of PA | NAIC # 19445 | INSURER B: Allied World Assurance Co | 19489 | INSURER C: Travelers Excess and Surplus Lines Company | 29696 | INSURER D: Endurance American Insurance Co | 10641 | INSURER E: Travelers Property Casualty Co of Amer | 25674 | INSURER F: Cincinnati Insurance Companies | 23280 |
| INSURER A: National Union Fire Ins Co of PA                                                                | NAIC # 19445 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |              |                                      |       |                                                       |       |                                            |       |                                                   |       |                                           |       |
| INSURER B: Allied World Assurance Co                                                                       | 19489        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |              |                                      |       |                                                       |       |                                            |       |                                                   |       |                                           |       |
| INSURER C: Travelers Excess and Surplus Lines Company                                                      | 29696        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |              |                                      |       |                                                       |       |                                            |       |                                                   |       |                                           |       |
| INSURER D: Endurance American Insurance Co                                                                 | 10641        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |              |                                      |       |                                                       |       |                                            |       |                                                   |       |                                           |       |
| INSURER E: Travelers Property Casualty Co of Amer                                                          | 25674        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |              |                                      |       |                                                       |       |                                            |       |                                                   |       |                                           |       |
| INSURER F: Cincinnati Insurance Companies                                                                  | 23280        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |              |                                      |       |                                                       |       |                                            |       |                                                   |       |                                           |       |

**COVERAGES**

CERTIFICATE NUMBER: 2095026377

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR    | TYPE OF INSURANCE                                                                                                                                                                                                                                                                                               | ADDL INSD   | SUBR WVD    | POLICY NUMBER                                               | POLICY EFF (MM/DD/YYYY)            | POLICY EXP (MM/DD/YYYY)            | LIMITS                                                                                                                                                                                                                                    |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------------------------------------------------------|------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A           | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC<br>OTHER:  | Y           | Y           | GL9925617                                                   | 4/1/2023                           | 4/1/2024                           | EACH OCCURRENCE \$2,000,000<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000<br>MED EXP (Any one person) \$25,000<br>PERSONAL & ADV INJURY \$1,000,000<br>GENERAL AGGREGATE \$4,000,000<br>PRODUCTS - COMP/OP AGG \$4,000,000<br>\$ |
| A           | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY<br><input checked="" type="checkbox"/> ANY AUTO<br><input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS<br><input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY | Y           | Y           | CA9775927                                                   | 4/1/2023                           | 4/1/2024                           | COMBINED SINGLE LIMIT (Ea accident) \$2,000,000<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$<br>\$                                                                            |
| B<br>C      | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB<br>DED <input checked="" type="checkbox"/> RETENTION \$ \$10,000                                                                                                                                              | Y           | Y           | 0312-2833<br>EX-2T42594A-22-NF                              | 4/1/2023<br>4/1/2023               | 4/1/2024<br>4/1/2024               | EACH OCCURRENCE \$15,000,000<br>AGGREGATE \$15,000,000<br>\$                                                                                                                                                                              |
| A           | <input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below                                                                                      | Y/N<br>N    | Y<br>N/A    | WC011569704                                                 | 4/1/2023                           | 4/1/2024                           | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER<br>E.L. EACH ACCIDENT \$1,000,000<br>E.L. DISEASE - EA EMPLOYEE \$1,000,000<br>E.L. DISEASE - POLICY LIMIT \$1,000,000                                     |
| D<br>E<br>F | Prof/Poll Liability<br>Installation F/Learer<br>Crime/Employer Dishonesty                                                                                                                                                                                                                                       | Y<br>Y<br>Y | Y<br>Y<br>Y | PNV10015397700<br>QT-630-3S841370-TIL-22<br>EMP0591772-TAIL | 2/16/2023<br>8/1/2022<br>1/13/2021 | 2/16/2024<br>8/1/2023<br>1/13/2027 | Aggregate/Each Claim \$5,000,000<br>Any One Jobsite \$2,000,000<br>Limit/Deductible \$1,000,000/\$10,000                                                                                                                                  |

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)**

Certificate holder is hereby included as Additional Insured with respects to the General Liability, Automobile Liability and Umbrella Liability on a primary and non-contributory basis if required by written contract subject to all provisions and limitations of the policies. Waiver of Subrogation in favor of Certificate Holder applies to the General Liability, Automobile Liability and Employers Liability/Workers Compensation if required by written contract subject to all provisions and limitations of the policies. The above referenced Excess/Umbrella Liability policy is follow-form and provides additional limits of insurance for General Liability, Automobile Liability and Employers Liability/Workers Compensation. The \$50,000 is the limit for hired auto physical damage. Deductibles are \$250/\$500.

RE: Any and All Projects

**CERTIFICATE HOLDER**

CENTRAL DISTRICT PERMITS

T 127019

P 1232122

The State of Arizona - ADOT  
1324 N 22nd Ave  
Phoenix AZ 85016

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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**A PORTION OF SECTION 1, 2, 3 TOWNSHIP 5 SOUTH, RANGE 3 EAST,  
AND A PORTION SECTION 35, 36, TOWNSHIP 4 SOUTH, RANGE 3 EAST,  
GILA AND SALT RIVER MERIDIAN, PINAL COUNTY, ARIZONA**



CITY OF MARICOPA PUBLIC SERVICES  
45755 W EDISON RD  
MARICOPA, AZ 85139  
PHONE: 520.568.9098  
CONTACT: ROSS RENNER  
ROSS.RENNER@MARICOPA-AZ.GOV

EPS GROUP, INC.  
1130 N ALMA SCHOOL RD, SUITE 120  
MESA, ARIZONA 85201  
PHONE: (480) 503-2250  
FAX: (480) 503-2258  
CONTACT: ELIJAH WILLIAMS, PE  
ELIJAH.WILLIAMS@EPSGROUPINC.COM

BASIS OF BEARINGS:  
THE NORTH LINE OF THE NORTHWEST QUARTER  
OF SECTION 3, TOWNSHIP 5 SOUTH, RANGE 3  
EAST AS CALCULATED FROM THE PINAL  
COUNTY CONTROL NETWORK, DATED MARCH 8,  
2007. THE BEARING OF WHICH IS NORTH 89  
DEGREES 57 MINUTES 51 SECONDS EAST

NGS VERTICAL CONTROL ID: DVO333  
3-1/2" BRASS DISK SET ON 10" X 10"  
CONCRETE BLOCK 0.5' UP STAMPED "US  
COAST AND GEODETIC SURVEY" "2284 1949"  
LOCATED ON THE SOUTH SIDE OF W.  
GARVEY AVENUE BETWEEN MADISON AVENUE  
AND WILSON AVENUE IN THE CITY OF  
MARICOPA, ARIZONA. ELEVATION = 1168.52  
NAVD88 DATUM

MARICOPA FLOOD CONTROL DISTRICT  
PHONE: 480.980.0531  
CONTACT: DAVID ALLEY, DISTRICT MANAGER  
DALLEY@MARICOPAFCD.COM

PROJECT LOCATION:  
MP 171.19 - MP 171.39

| DESCRIPTION                                   | REPRESENTATIVE   | PHONE          |
|-----------------------------------------------|------------------|----------------|
| AK-CHIN INDIAN COMMUNITY                      | CARLTON CARLILE  | (505) 435-7757 |
| AL DEPT. OF TRANSPORTATION - HAWAIIANA        | SCOTT VOLLMER    | (802) 566-3284 |
| AL DEPT. OF TRANSPORTATION - TUCSON           | FRANK CARLSON    | (520) 485-8888 |
| ALBERTA LINK                                  | LOGAN DUNN       | (800) 778-9140 |
| ELECTRICAL DISTRICT NO. 2                     | TERI RODRIGUEZ   | (505) 424-0412 |
| GLOBAL-PAID MOBILE INTL. / SANTA CRUZ WATER   | CLOUTIER SHALISA | (510) 969-4365 |
| HENDERSON ENERGY                              | BRUCE DODD       | (800) 276-8584 |
| ORTEL COMMUNICATIONS, LLC                     | BRIAN JONES      | (802) 760-4763 |
| SOUTHWEST GAS - LOCATING                      | RONNA HALL, ELMO | (888) 739-9343 |
| SOUTHWEST GAS - HIGH PRESSURE                 | MARIE REGAN      | (520) 276-3031 |
| HAWAIIANA-STANFORD BRIDGES & GORDMAN DISTRICT | STEPHEN DESK     | (510) 424-3348 |

| DESCRIPTION                              | SHEET NO. | DRAWING NO.     |
|------------------------------------------|-----------|-----------------|
| COVER SHEET                              | 1         | CS01            |
| GENERAL NOTES                            | 2-4       | CS02-CS04       |
| GEOMETRIC CONTROL SHEET                  | 5         | CS05            |
| INDEX SHEET                              | 6         | ID01            |
| TYPICAL SECTION SHEETS:                  | 7-10      | DT01-DT04       |
| DETAIL SHEETS                            | 11-12     | DT05-DT06       |
| FARM ACCESS ROAD DETAILS                 | 13-14     | DT07-DT08       |
| PLAN, PROFILE AND ROADWAY REMOVAL SHEETS | 15-78     | PL01-PL36       |
| INTERSECTION STAKING SHEETS              | 79-82     | ST01-ST04       |
| SIGNING AND PAVEMENT MARKING SHEETS      | 83-91     | SS01-SS09       |
| SIGN SUMMARY SHEETS                      | 92-93     | SM01-SM02       |
| TRAFFIC CONTROL SHEETS                   | 94-99     | TC01-TC06       |
| DRAINAGE SHEETS                          | 100-117   | DR01-DR18       |
| PRIVATE IRRIGATION SHEETS                | 118-124   | PI01-PI07       |
| UTILITY SHEETS                           | 125-139   | UT01-UT15       |
| UTILITY DETAIL SHEET                     | 140       | UT16            |
| SWPPP SHEETS                             | 141-149   | SP01-SP09       |
| BRIDGE SHEETS                            | 150-172   | S-1.01-S-1.23   |
| FOUNDATION BORING SHEETS:                | 173-176   | FD01-FD04       |
| LANDSCAPE COVER SHEET                    | 177       | LS-C5           |
| LANDSCAPE NOTES AND DETAILS              | 178-180   | LS-0.01-LS-0.03 |
| LANDSCAPE PLAN SHEETS                    | 181-213   | LS01-LS33       |
| LANDSCAPE IRRIGATION SHEETS              | 214-247   | IR00-IR33       |
| TRAFFIC SIGNAL SHEETS                    | 248-253   | TS01-TS05       |
| STREET LIGHTING LEGEND & DETAIL SHEETS   | 254-255   | LT01-01-LTDT-01 |
| STREET LIGHTING SCHEDULE SHEET           | 256       | LT501           |
| STREET LIGHTING SHEETS                   | 257-284   | LT1-LT28        |

THIS PROPERTY IS LOCATED IN ZONE "A" ZONE "AE", ZONE "D", AND ZONE "X", ACCORDING TO FLOOD INSURANCE RATE MAPS #04021C0743F AND #04021C0745F FOR PINAL COUNTY, ARIZONA AND INCORPORATED AREAS OF PINAL COUNTY WITH THE EFFECTIVE DATE OF JUNE 16, 2014. ZONE "A" AND ZONE "AE" CONSISTS OF AREAS SUBJECTED TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT. ZONE "D" CONSISTS OF AREAS OF UNDETERMINED FLOOD HAZARD. ZONE "X" CONSIST OF AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTH LESS THAN ONE FOOT OR WITH DRAINAGE AREAS OF LESS THAN ONE SQUARE MILE AND AREAS PROTECTED BY LEVEES FROM 100-YEAR FLOOD.



THE AUTHORIZED REPRESENTATIVES OF THE FOLLOWING AGENCIES  
HEREBY ACKNOWLEDGE OR HAVE ACKNOWLEDGED THAT THEY HAVE  
REVIEWED AND APPROVED THE DESIGN SHOWN BY THESE DRAWINGS.  
CONSTRUCTION MAY BEGIN AFTER ALL APPROPRIATE PERMITS HAVE  
BEEN OBTAINED.

DATE \_\_\_\_\_

DATE \_\_\_\_\_

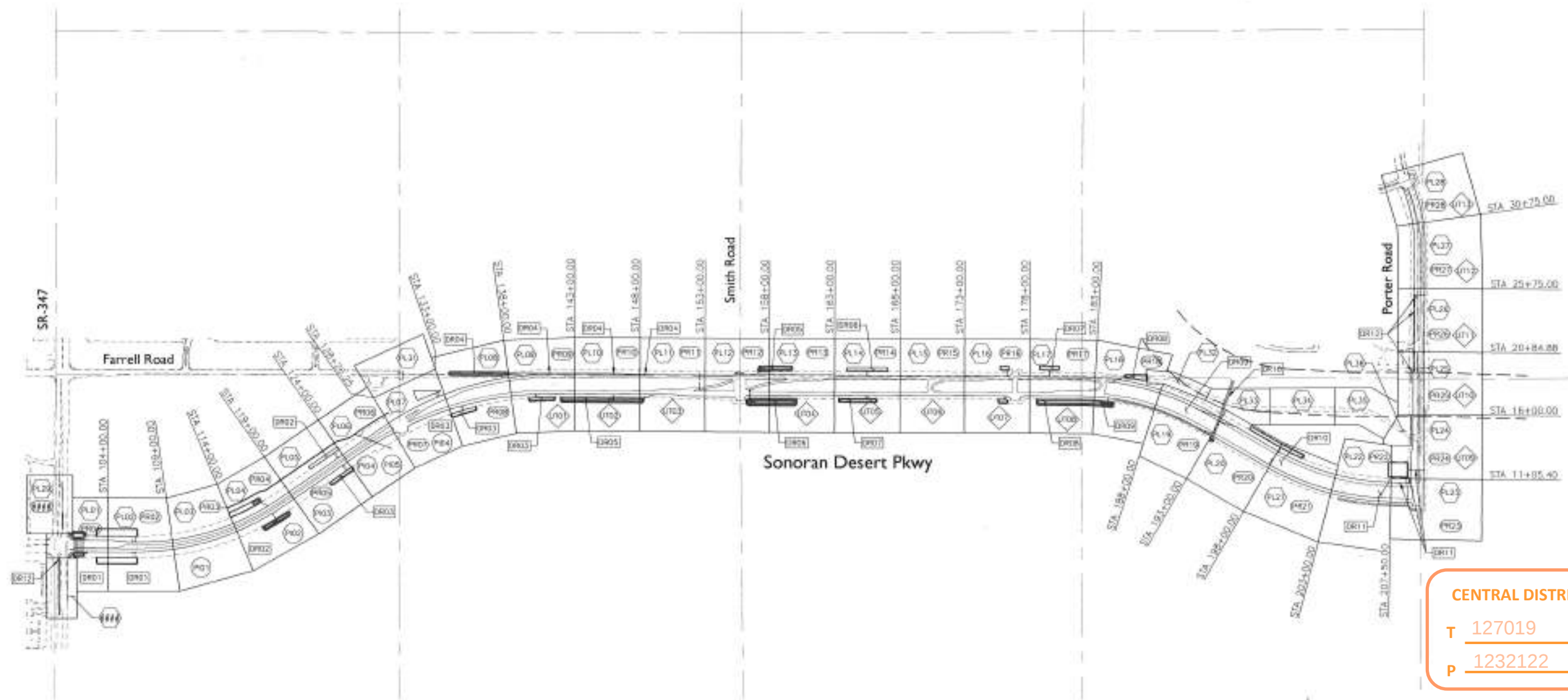
I HEREBY CERTIFY THAT ALL "RECORD DRAWING" INFORMATION AS SHOWN HEREON WAS MADE UNDER MY SUPERVISION OR AS NOTED AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE \_\_\_\_\_



D 1232122



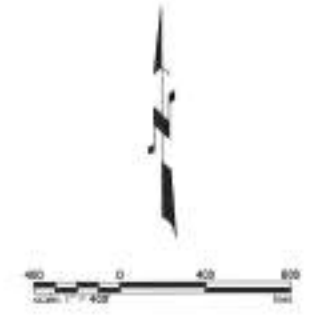


**SR 347 MILEPOST DATA**  
 THE EXISTING SR 347 CENTERLINE ALIGNMENT  
 AND THE SONORAN DESERT PKWY ALIGNMENT  
 INTERSECT AT SR 347 MILEPOST 171.20.  
 SR347 STA 100+00.00  
 SONORAN DESERT PKWY 180+00.00

- KEY MAP**
- 13 ROADWAY PLAN SHEETS
  - 12 DRAINAGE SHEETS
  - 12 ROADWAY PROFILE SHEETS
  - 12 UTILITY SHEETS
  - 12 PRIVATE IRRIGATION SHEETS

**CENTRAL DISTRICT PERMITS**  
 T 127019  
 P 1232122

**EPS GROUP**  
 1130 N Anna School Road  
 Suite 120  
 Mesa, AZ 85201  
 T: 480.503.2250 F: 480.503.2258  
 www.epsgroupinc.com

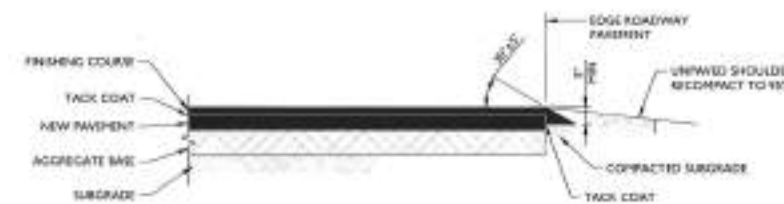
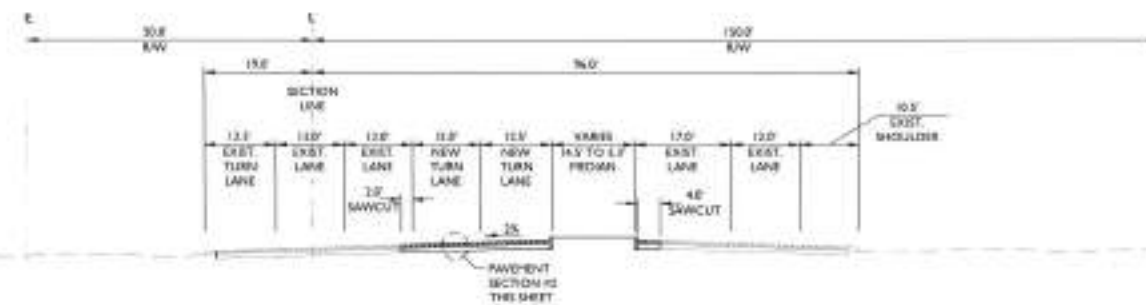
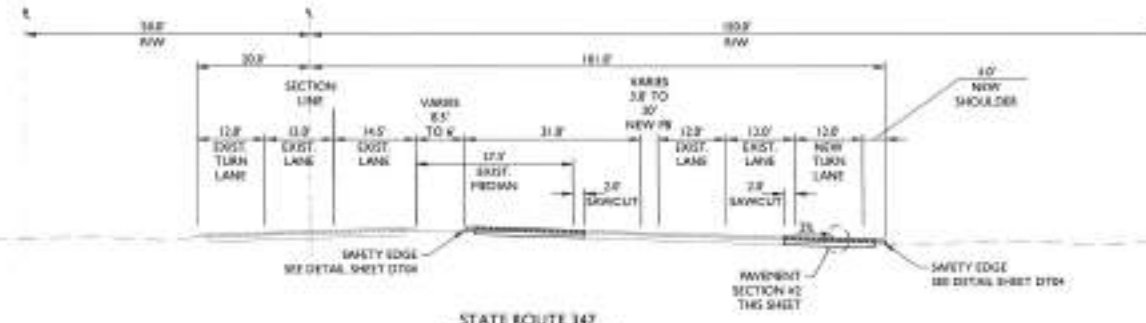
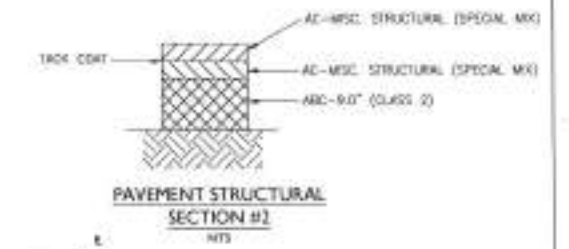
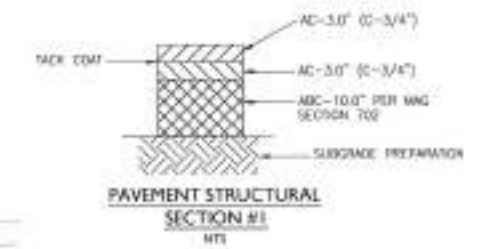
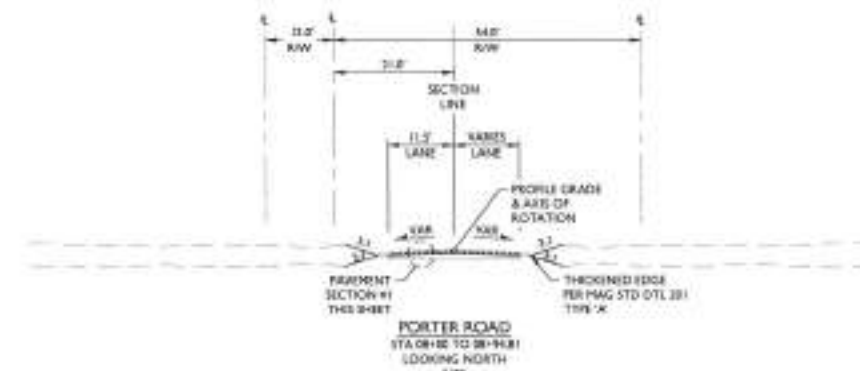
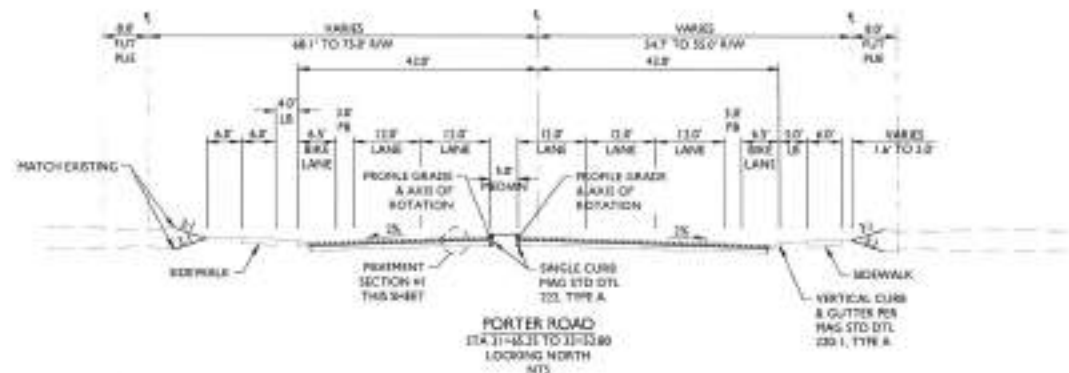
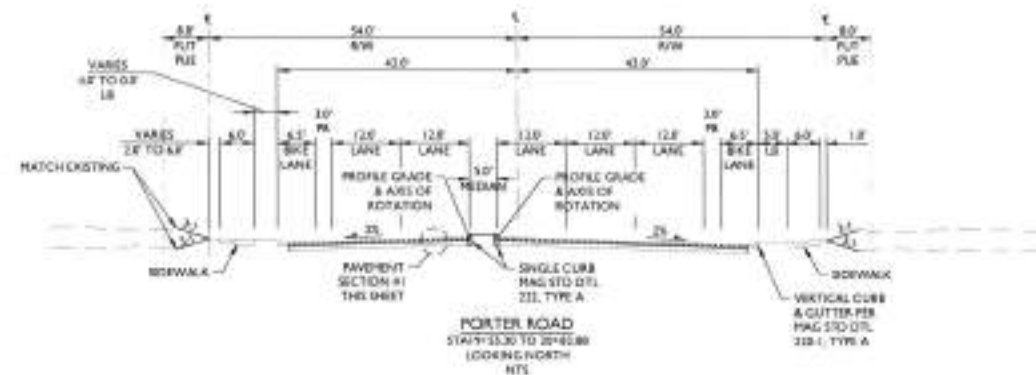
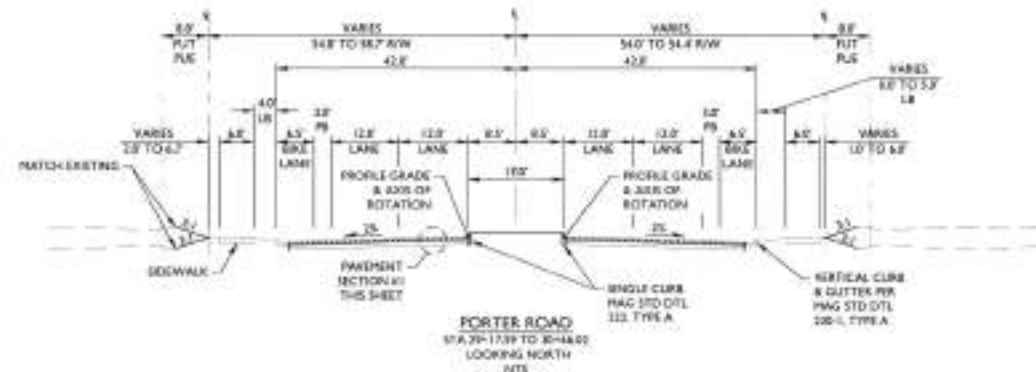
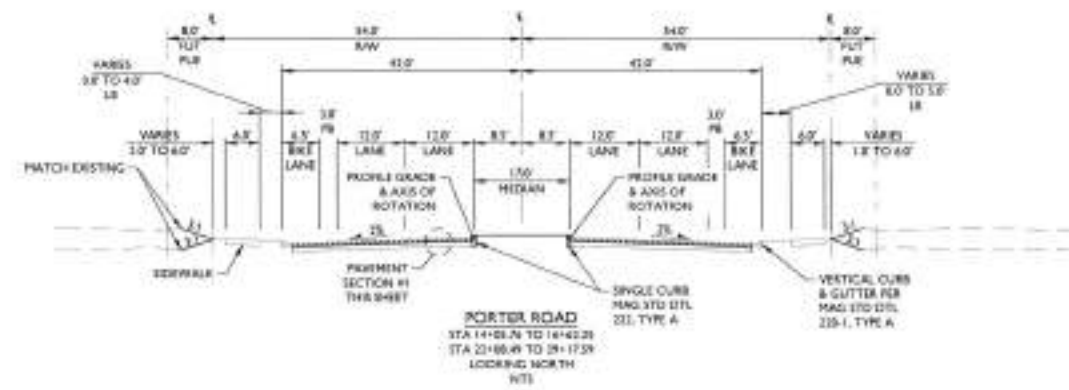


| REV NO. | COMMENT | DATE |
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**CITY OF MARICOPA**  
**EAST-WEST CORRIDOR**  
**SR 347 TO PORTER ROAD**  
**INDEX SHEET**

|             |            |      |       |
|-------------|------------|------|-------|
| DESIGNED BY | CHECKED BY | DATE | SCALE |
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CENTRAL DISTRICT PERMITS

T 127019

P 1232122



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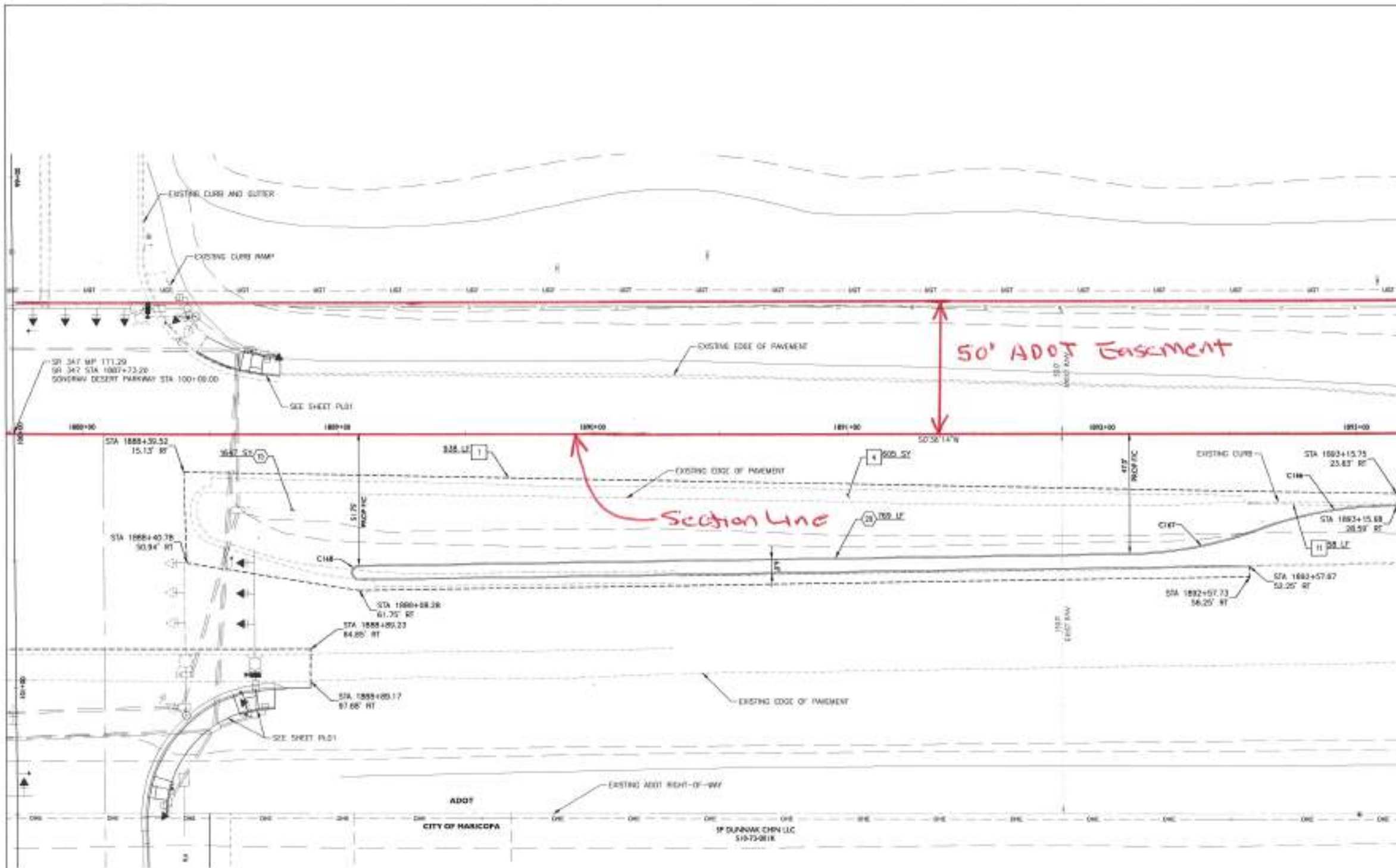
CITY OF MARICOPA

EAST-WEST CORRIDOR  
SR 347 TO PORTER ROAD  
ROADWAY TYPICAL SECTIONS SHEET

| REV | BY | DATE | DESCRIPTION |
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**SR 347**

# CONSTRUCTION NOTES

|                 |                                                                                    |         |
|-----------------|------------------------------------------------------------------------------------|---------|
| ROADWAY         |                                                                                    |         |
| (15)            | Prepare Subgrade and install 6" AC over 9" AB: See Pavement Section #2, Sheet 1504 | 1047 SY |
| (20)            | Single Curb per ADOT Std Det C-25.10, Type 'A'                                     | 769 LF  |
| ROADWAY REMOVAL |                                                                                    |         |
| 1               | Remove Existing Pavement                                                           | 936 LF  |
| 4               | Remove Existing Pavement                                                           | 600 SY  |
| 11              | Remove Existing Single Curb                                                        | 58 LF   |

↑ AK Chin Community  
↓ City of Maricopa Right-of-Way

## CENTRAL DISTRICT PERMITS

T 127019

P 1232122



| CURVE TABLE @ FACE OF CURB LOCATION |        |        |       |           |            |           |            |           |
|-------------------------------------|--------|--------|-------|-----------|------------|-----------|------------|-----------|
| CURVE                               | LENGTH | RADIUS | CHORD | DELTA     | STA        | OFFSET    | STA        | OFFSET    |
| C146                                | 5.42   | 3.00   | 6.38  | 17°39'32" | 1892+58.68 | 37.54' RT | 1891+08.21 | 37.75' RT |
| C147                                | 56.38  | 133.00 | 93.07 | 03°50'13" | 1892+18.60 | 47.98' RT | 1892+48.68 | 37.34' RT |
| C148                                | 51.97  | 158.54 | 91.71 | 04°44'37" | 1891+08.21 | 51.75' RT | 1891+08.21 | 57.75' RT |



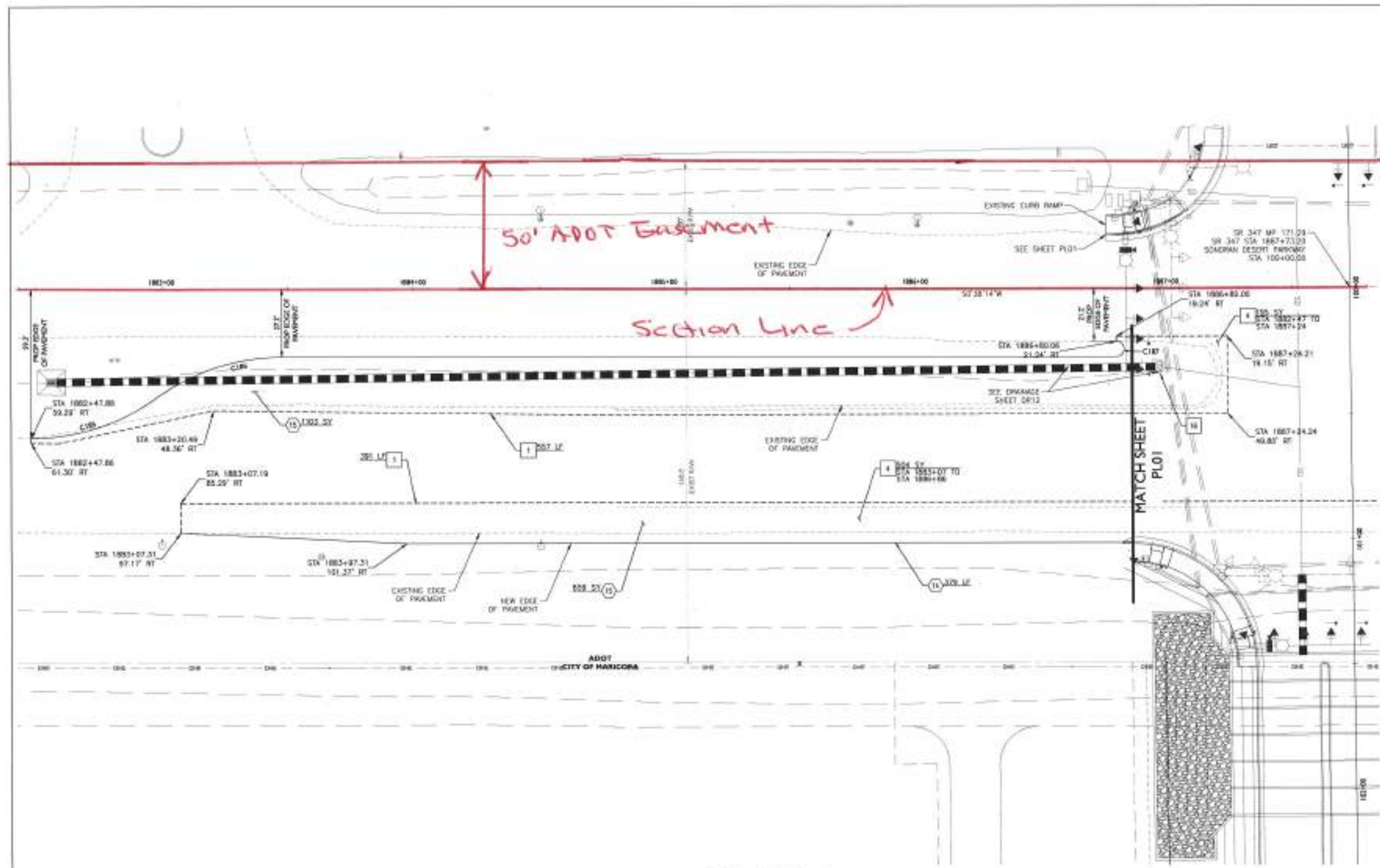
REV NO. COMMENT DATE



**CITY OF MARICOPA**  
EAST-WEST CORRIDOR  
SR 347 TO PORTER ROAD  
ROADWAY PLAN SHEET



|             |            |      |             |            |      |
|-------------|------------|------|-------------|------------|------|
| DESIGNED BY | CHECKED BY | DATE | DESIGNED BY | CHECKED BY | DATE |
|             |            |      |             |            |      |



**SR 347**

| CURVE TABLE @ FACE OF CURB LOCATION |        |        |        |            |           |            |           |
|-------------------------------------|--------|--------|--------|------------|-----------|------------|-----------|
|                                     |        |        |        | BEGIN      |           | END        |           |
| CURVE                               | LENGTH | RADIUS | CHORD  | STA        | OFFSET    | STA        | OFFSET    |
| C1B1                                | 51.30' | 85.00' | 51.48' | 1882+47.88 | 19.29' RT | 1882+91.88 | 49.11' RT |
| C1B6                                | 51.14' | 85.00' | 51.38' | 1882+97.81 | 49.11' RT | 1883+41.81 | 27.17' RT |
| C1B7                                | 9.42'  | 1.00'  | 6.80'  | 1883+98.84 | 19.24' RT | 1884+08.26 | 37.37' RT |



| CONSTRUCTION NOTES                                               |  |         |
|------------------------------------------------------------------|--|---------|
| ROADWAY                                                          |  |         |
| 1. Safety Edge per Detail Sheet STD4                             |  | 379 LF  |
| 2. Prepare Subgrade and Install 8" AC over 8" AB. See Powerplant |  | 1790 SF |
| Section #1: Sheet T504                                           |  |         |
| ROADWAY REMOVAL                                                  |  |         |
| 1. Sawcut Existing Pavement                                      |  | 948 LF  |
| 2. Remove Existing Pavement                                      |  | 699 SF  |
| 3. Remove Existing Catch Basins                                  |  | 1 EA    |

↑ AK Chin Community  
↓ City of Maricopa Right of Way

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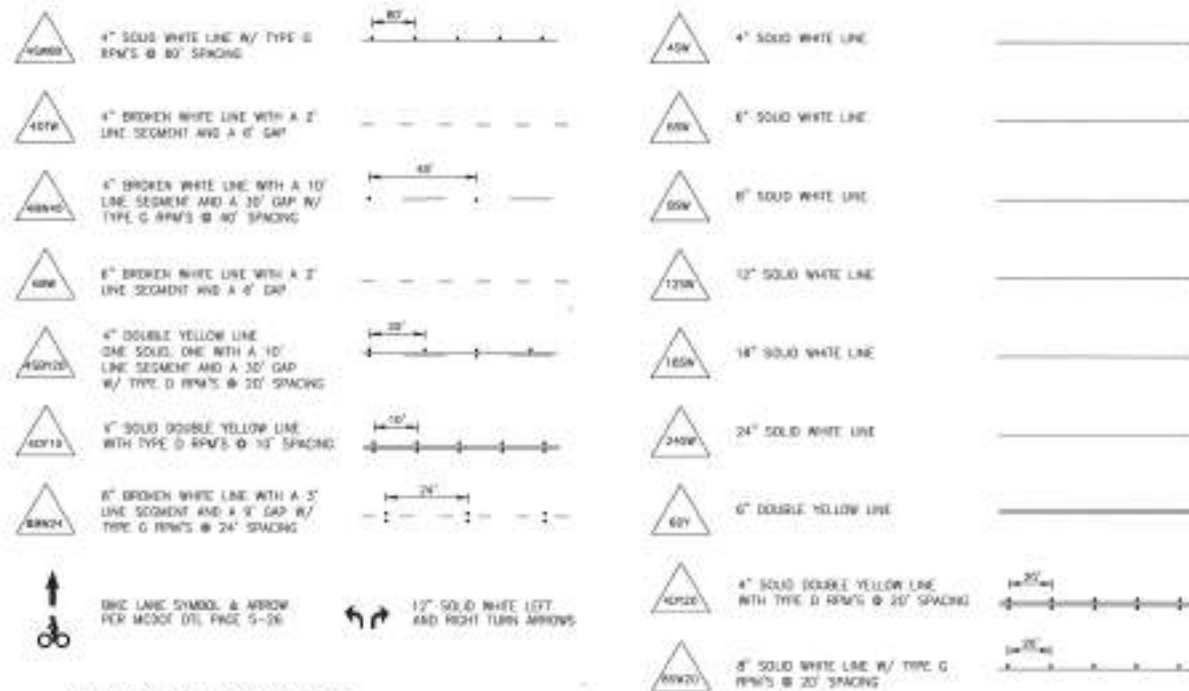
**EPS GROUP**  
1130 N Alma School Road  
Suite 220  
Phoenix, AZ 85021  
PH: 602.225.0001 FAX: 602.225.0002  
www.epsgroupinc.com

|                                                                                                                   |            |          |             |
|-------------------------------------------------------------------------------------------------------------------|------------|----------|-------------|
| REV                                                                                                               | DATE       | COMMENTS | DATE        |
|                                                                                                                   |            |          |             |
|                                                                                                                   |            |          |             |
|                                                                                                                   |            |          |             |
| <b>CITY OF MARICOPA</b><br><b>EAST-WEST CORRIDOR</b><br><b>SR 347 TO PORTER ROAD</b><br><b>ROADWAY PLAN SHEET</b> |            |          |             |
| DESIGNED BY                                                                                                       | CHECKED BY | DATE     | PROJECT NO. |
|                                                                                                                   |            |          |             |



## EAST-WEST CORRIDOR SR 347 TO PORTER ROAD

### PAVEMENT MARKING LEGEND



## PAVEMENT MARKING NOTES

1. THE CITY ENGINEER MAY REQUIRE THE CONTRACTOR TO ADJUST STRIPING AS NECESSARY.
2. ALL PERMANENT LONGITUDINAL PAVEMENT STRIPING (CENTERLINES, LANE LINES, BAY LINES) MUST USE 90 MIL. HOT-SPRINKED OR EXTRUDED THERMOPLASTIC. REFLECTIVE GLASS BEADS MUST BE APPLIED IN ACCORDANCE WITH SECTION 704 OF ADOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
3. ALL PERMANENT LATERAL PAVEMENT STRIPING (STOP BARS, CROSSBARS, LINES) MUST USE 90 MIL. HOT-SPRINKED OR EXTRUDED THERMOPLASTIC. REFLECTIVE GLASS BEADS MUST BE APPLIED IN ACCORDANCE WITH SECTION 704 OF ADOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
4. ALL TEMPORARY PAVEMENT MARKINGS MUST USE REFLECTIVE TRAFFIC PAINT.
5. ALL MEDIAN MARKS MUST BE PAINTED YELLOW WITH REFLECTIVE GLASS BEADS FROM THE TOP OF THE MEDIAN BACK TO FEET.
6. ALL RIGID PAVEMENT REFLECTORS MUST BE INSTALLED WITH CRACK PAVEMENT REFLECTOR ADHESIVE, OR EQUIVALENT.
7. ALL CONFLICTING PAVEMENT MARKINGS MUST BE ELIMINATED BY MEANS OF WATER BLASTING BY THE CONTRACTOR.
8. A SEALANT APPROVED BY THE CITY ENGINEER MUST BE APPLIED BY THE CONTRACTOR TO ALL AREAS WHERE PAVEMENT MARKINGS HAVE BEEN ELIMINATED.

## CENTRAL DISTRICT PERMITS

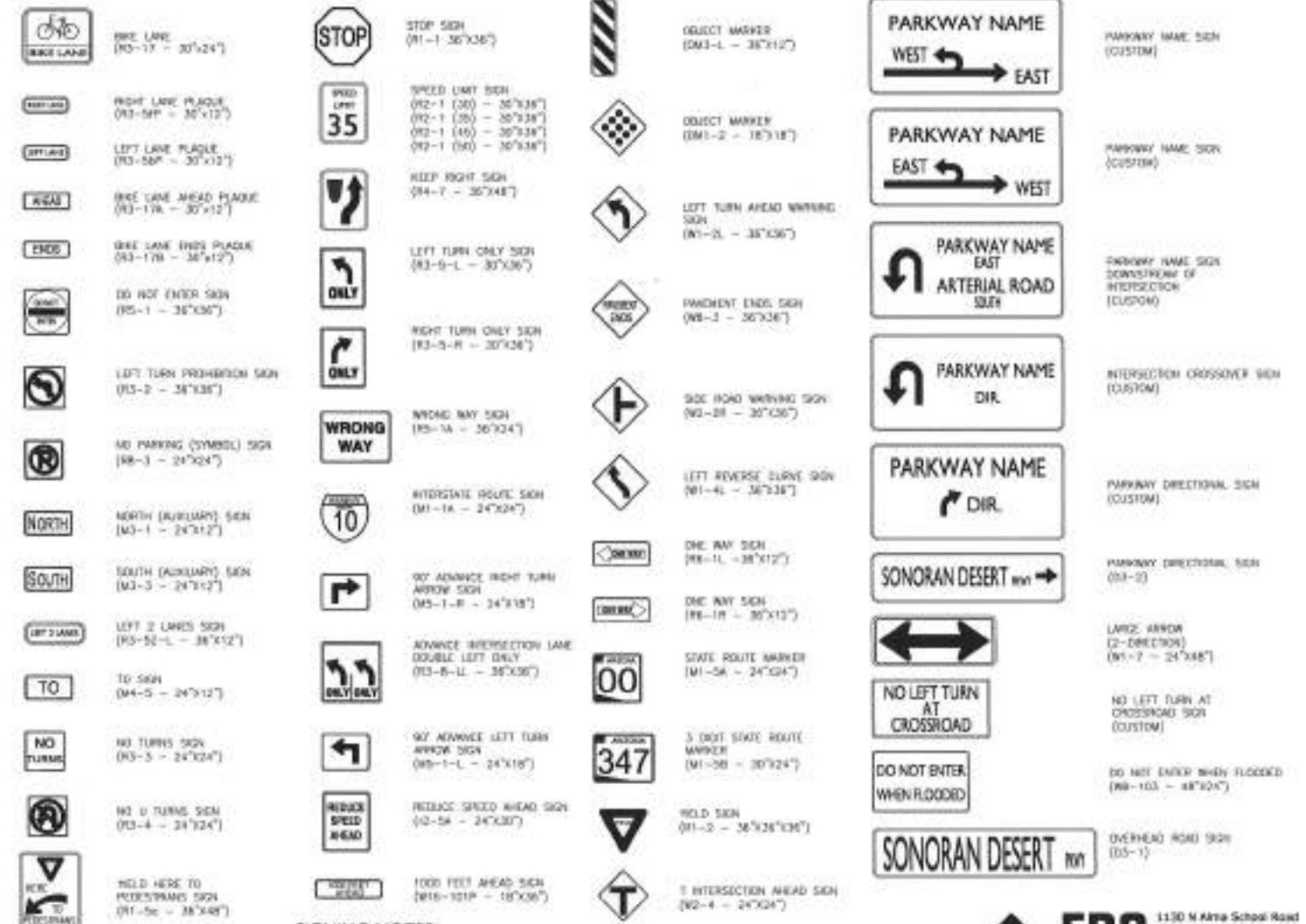
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### SIGNING LEGEND



## SIGNING NOTES

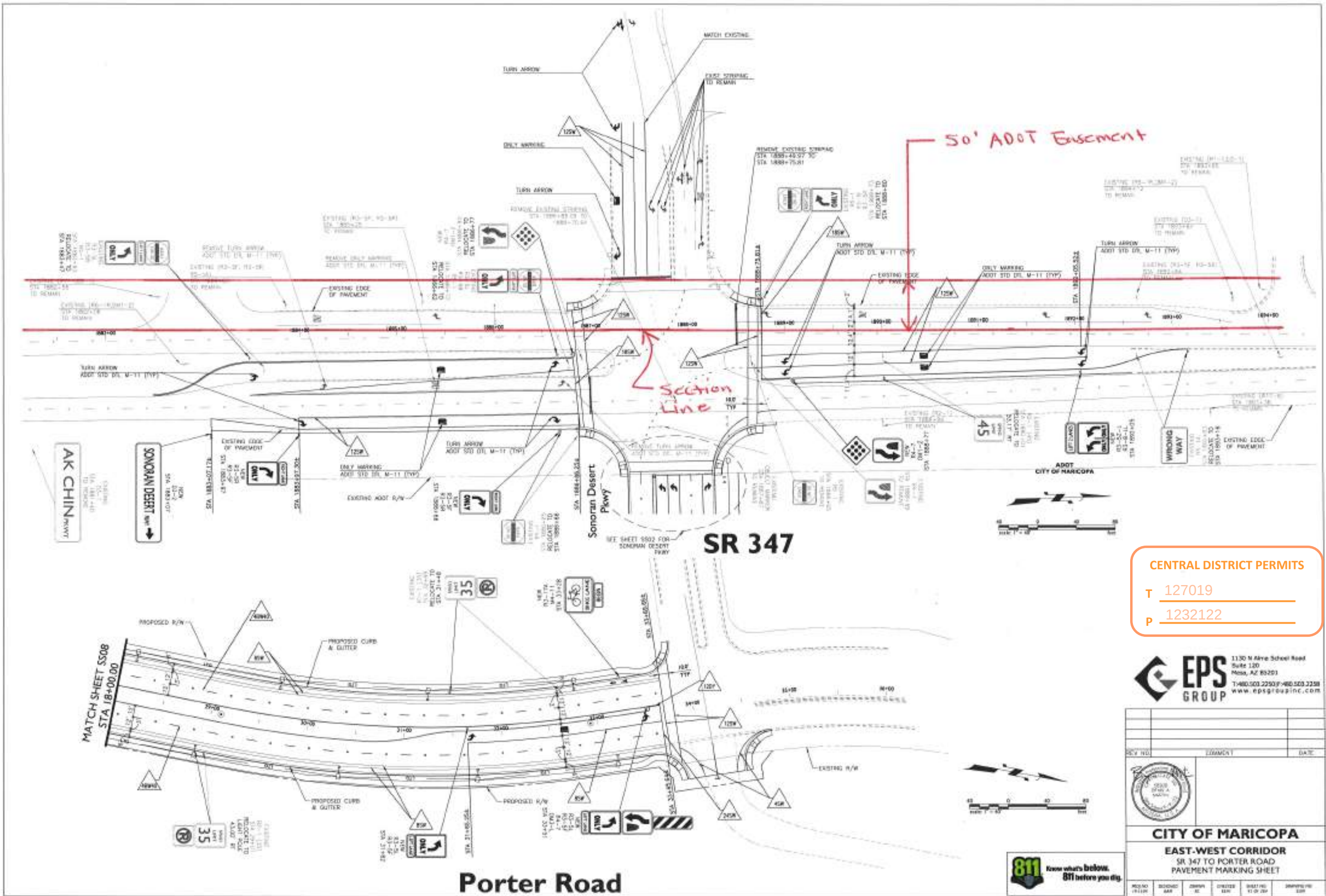
1. THE CITY ENGINEER MAY REQUIRE THE CONTRACTOR TO ADJUST SIGNING AS NECESSARY.
2. SIGN LOCATIONS AND OFFSETS MAY BE ADJUSTED BY THE CITY ENGINEER TO IMPROVE VISIBILITY.
3. ALL WARNING, REGULATORY AND ARTERIAL STREET NAME SIGNS MUST BE MANUFACTURED OF "605M D-4856-D4 PROPOSED TYPE X1 SHEETING" (3M DLS 4086 SERIES OR EQUIVALENT). ALL OTHER SIGNS MUST BE MANUFACTURED WITH "605M D-4856-D4 TYPE X1 SHEETING" (3M 3836 SERIES OR EQUIVALENT) WHICH WILL BE ATTACHED TO THE STANDARD SIGNAGE ALUMINUM PLATES. SIGN IMAGING SHALL BE IN COMPLIANCE WITH THE REFLECTIVE SHEETING MANUFACTURERS MATCHED COMPONENT SYSTEM. SIGN IMAGING SHALL CONSIST OF AN ACRYLIC BASED ELECTRONIC CUTTABLE FILM (3M7170 SERIES OR EQUIVALENT) OR SILK SCREENED (DEPENDENT ON THE QUANTITY OF SIGNAGE) WITH STANDARD HIGHWAY COLORS. IN ADDITION, IF CALLED OUT ON PLANS, TO CREATE A GRAFFITI-PROTECTIVE COATING, A PROTECTIVE OVERLAY FILM 3M 1150 (OR EQUIVALENT) SHALL BE USED WHICH IS DESIGNATED TO COMPLY WITH THE UNDERLYING REFLECTIVE SHEETING MATCH COMPONENT SYSTEM.
4. WARRANTY DOCUMENTS ARE REQUIRED AND MUST BE SUBMITTED PRIOR TO JOB ACCEPTANCE.
5. ALL TRAFFIC CONTROL SIGNS, EXCEPT STOP SIGNS, MUST BE RISE OR SPRING STAND PER AASHTO STANDARDS.
6. SPEED LIMIT SIGNS (R2-1) ARE TO BE INSTALLED AT FOUR SIGNS PER SIDE PER MILE.
7. STOP SIGNS (R1-1) ARE TO BE 30 INCHES BY 30 INCHES, MINIMUM SIZE.
8. STREET NAME SIGNS IN SUBURBS MUST CONFORM TO CITY COLORS AND STANDARDS.
9. ADVANCE STREET NAME SIGNS ARE TO BE INSTALLED AT A HEIGHT OF 4 FEET TO THE BOTTOM OF SIGN AND PLACED SO THEY ARE NOT OBSTRUCTED BY VEGETATION. SIGNS ARE TO BE INSTALLED IN MEDIAN WHENEVER POSSIBLE.
10. ALL EXISTING SIGNS TEMPORARILY REMOVED BY THE CONTRACTOR MUST BE SALVAGED FOR REINSTALLATION BY THE CONTRACTOR.
11. ALL EXISTING SIGNS PERMANENTLY REMOVED BY THE CONTRACTOR MUST BE SALVAGED AND RETURNED TO THE PUBLIC WORKS SUPERINTENDENT.



CITY OF MARICOPA

**EAST-WEST CORRIDOR**  
SR 347 TO PORTER ROAD  
SIGNING & STRIPING COVER SHEET

| PROG NO<br>O-004 | DESIGNED<br>JMS | DRAWN<br>JC | CHECKED<br>JMS | QUALITY<br>O-004 | DATE<br>TYP |
|------------------|-----------------|-------------|----------------|------------------|-------------|
|------------------|-----------------|-------------|----------------|------------------|-------------|



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P 1232122

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|                                                                                       |          |      |
|---------------------------------------------------------------------------------------|----------|------|
| REV NO.                                                                               | LOGICIAN | DATE |
|  |          |      |
| <b>CITY OF MARICOPA</b>                                                               |          |      |
| <b>EAST-WEST CORRIDOR</b>                                                             |          |      |
| <b>SR 347 TO PORTER ROAD</b>                                                          |          |      |
| <b>PAVEMENT MARKING SHEET</b>                                                         |          |      |
| DESIGN                                                                                | DESIGNED | DATE |
| BY                                                                                    | BY       | BY   |
| DATE                                                                                  | DATE     | DATE |



| Plan Sheet No | Sign Number | MOAS Sign Code | Work |               |                |               |        | Offset (ft) | Mounting Height (ft) | Background Color | Panel                 |            |             |                    |      | Bid Item No. | Ground Mounted     |             |           |      | OVERHEAD     |                | Remarks |                                          |            |
|---------------|-------------|----------------|------|---------------|----------------|---------------|--------|-------------|----------------------|------------------|-----------------------|------------|-------------|--------------------|------|--------------|--------------------|-------------|-----------|------|--------------|----------------|---------|------------------------------------------|------------|
|               |             |                | New  | Existing      |                |               |        |             |                      |                  | Legend                | Width (in) | Height (in) | Sq. Area (sq. ft.) | Type |              | Min. Sheeting Type | Foundations | Posts     |      | Stringer     |                |         | Structure Type                           | No. Lights |
|               |             |                |      | Replace Panel | Relocate Panel | Modify Legend | Remove |             |                      |                  |                       |            |             |                    |      |              |                    |             | To Remain | Type | Total Length | New Slip Bases |         |                                          |            |
| SS09          | NB 1881+40  | D3-1           |      |               |                | X             |        |             |                      |                  | STREET NAME           |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
| SS09          | EB 1882+06  | R6-1R          |      |               |                |               | X      |             |                      |                  | ONE WAY               |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
|               | +           | DM1-2          |      |               |                |               | X      |             |                      |                  | OBJECT MARKER         |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
| SS09          | EB 1882+55  | R1-1           |      |               |                |               | X      |             |                      |                  | STOP SIGN             |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
|               | +           | D3-1           |      |               |                |               | X      |             |                      |                  | STREET NAME           |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
| SS09          | NB 1883+07  | D3-2           | X    |               |                |               |        | 12          | T                    | GR               | STREET NAME           | 132        | 18          | 16.5               | F-DA |              | 2                  | 2 1/2 S     | 22        | 2    |              |                |         |                                          |            |
| SS09          | NB 1883+47  | R3-5B          |      | X             |                |               |        |             |                      |                  | LEFT LANE             |            |             |                    |      |              |                    |             |           |      |              |                |         | Relocated from STA 1883+63               |            |
|               | +           | R3-5L          |      | X             |                |               |        |             |                      |                  | LEFT TURN ARROW ONLY  |            |             |                    |      |              |                    |             |           |      |              |                |         | Back to back                             |            |
|               | +           | R5-1           |      | X             |                |               |        |             |                      |                  | DO NOT ENTER          |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
| SS09          | SB 1883+86  | R3-5F          |      |               |                |               | X      |             |                      |                  | RIGHT LANE            |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
|               | +           | R3-5R          |      |               |                |               | X      |             |                      |                  | RIGHT TURN ARROW ONLY |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
| SS09          | NB 1883+97  | R3-5F          | X    |               |                |               |        | 12          | T                    | WH               | RIGHT LANE            | 30         | 12          | 2.5                | RWM  |              | 1                  | 2 1/2 T     | 13        | 1    |              |                |         |                                          |            |
|               | +           | R3-5R          | X    |               |                |               |        |             |                      | WH               | RIGHT TURN ARROW ONLY | 30         | 36          | 7.5                | RWM  |              |                    |             |           |      |              |                |         |                                          |            |
| SS09          | SB 1882+25  | R3-5F          |      |               |                |               | X      |             |                      |                  | RIGHT LANE            |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
|               | +           | R3-5R          |      |               |                |               | X      |             |                      |                  | RIGHT TURN ARROW ONLY |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
| SS09          | NB 1886+62  | R3-5B          |      | X             |                |               |        |             |                      |                  | LEFT LANE             |            |             |                    |      |              |                    |             |           |      |              |                |         | Relocated from STA 1886+72               |            |
|               | +           | R3-5L          |      | X             |                |               |        |             |                      |                  | LEFT TURN ARROW ONLY  |            |             |                    |      |              |                    |             |           |      |              |                |         | Back to back                             |            |
|               | +           | R5-1           |      | X             |                |               |        |             |                      |                  | DO NOT ENTER          |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
| SS09          | NB 1886+66  | R3-5F          | X    |               |                |               |        | 12          | T                    | WH               | RIGHT LANE            | 30         | 12          | 2.5                | RWM  |              | 1                  | 2 1/2 T     | 13        | 1    |              |                |         |                                          |            |
|               | +           | R3-5R          | X    |               |                |               |        |             |                      | WH               | RIGHT TURN ARROW ONLY | 30         | 36          | 7.5                | RWM  |              |                    |             |           |      |              |                |         |                                          |            |
|               | SB 1886+86  | R5-1           |      |               | X              |               |        |             |                      | WH               | DO NOT ENTER          | 30         | 30          | 6.25               | RWM  |              |                    |             |           |      |              |                |         | Relocated from STA 1886+85, back to back |            |
| SS09          | SB 1886+77  | R4-7           |      | X             |                |               |        |             |                      |                  | KEEP RIGHT            |            |             |                    |      |              |                    |             |           |      |              |                |         | Relocated from STA 1886+90               |            |
|               | +           | OM1-2          |      | X             |                |               |        |             |                      |                  | OBJECT MARKER         |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
| SS09          | NB 1888+65  | R5-1           |      |               |                |               | X      |             |                      |                  | DO NOT ENTER          |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
| SS09          | NB 1888+69  | R4-7           |      |               |                |               | X      |             |                      |                  | KEEP RIGHT            |            |             |                    |      |              |                    |             |           |      |              |                |         |                                          |            |
| SS09          | NB 1888+77  | R4-7           | X    |               |                |               |        | 12          | T                    | WH               | KEEP RIGHT            | 24         | 30          | 5.0                | RWM  |              | 1                  | 2 1/2 T     | 13        | 1    |              |                |         |                                          |            |
|               | +           | OM1-2          | X    |               |                |               |        |             |                      |                  | OBJECT MARKER         | -          | -           | -                  | -    |              |                    |             |           |      |              |                |         |                                          |            |

CENTRAL DISTRICT PERMITS

T 127019

P 1232122



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Notes:

- The Engineer shall verify post lengths and elevations.
- The Engineer may shift a sign in order to achieve a more desirable location.
- Quantities are approximate and for the contractor's information only.
- Offsets are measured from the edge of pavement to the edge of sign panel closest to roadway.

Panel Types:

RWM: Regulatory, Warning, or Marker  
 F-DA: Flat-sheet aluminum with direct applied or silk-screened characters  
 F-Dem: Flat-sheet aluminum with demountable characters  
 Ext: Aluminum extrusions  
 Incr: Aluminum sheet increment

Post Types:

2S: 2" Single Perforated  
 2 1/2S: 2 1/2" Single Perforated  
 2T: 2" Telescoping  
 2 1/2T: 2 1/2" Telescoping  
 S4x7.7: Breakaway  
 W6x9: Breakaway  
 W8x18: Breakaway  
 R10x22: Breakaway

Sheeting Types:

\*: Sign Sheeting will be type IX or XI (Contractor Option)

Stringer Types:

P: Square-tube post  
 T: T-section (WT 3x6)



|                                                                                                                                                                               |            |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------|
| REV NO.                                                                                                                                                                       | COMMENT    | DATE |
|                                                                                                                                                                               |            |      |
| <br><b>CITY OF MARICOPA</b><br><b>EAST-WEST CORRIDOR</b><br><b>SR 347 TO PORTER ROAD</b> |            |      |
| DESIGNED BY                                                                                                                                                                   | CHECKED BY | DATE |
| DRAWN BY                                                                                                                                                                      | DATE       |      |
| PROJECT NO.                                                                                                                                                                   | DATE       |      |
| DRAWING NO.                                                                                                                                                                   | DATE       |      |

| Plan Sheet No. | Sign Number | MOAS Sign Code | Work |               |                |               |        | Offset (ft) | Mounting Height (ft) | Background Color | Panel                 |            |             |                    |      |                    | Bld Item No. | Ground Mounted |           |      |              |                | OVERHEAD       |            | Remarks                    |      |              |
|----------------|-------------|----------------|------|---------------|----------------|---------------|--------|-------------|----------------------|------------------|-----------------------|------------|-------------|--------------------|------|--------------------|--------------|----------------|-----------|------|--------------|----------------|----------------|------------|----------------------------|------|--------------|
|                |             |                | New  | Existing      |                |               |        |             |                      |                  | Legend                | Width (in) | Height (in) | Sq. Area (sq. ft.) | Type | Min. Sheeting Type |              | Foundations    | Posts     |      | Stringer     |                | Structure Type | No. Lights |                            |      |              |
|                |             |                |      | Replace Panel | Relocate Panel | Modify Legend | Remove |             |                      |                  |                       |            |             |                    |      |                    |              |                | To Remain | Type | Total Length | New Slip Bases |                |            |                            | Type | Total Length |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
| SS09           | SB 1880+80  | R3-5F          |      | X             |                |               |        | 12          | 7                    | WH               | RIGHT LANE            | 30         | 12          | 2.5                | RWM  |                    |              |                |           |      |              |                |                |            | Relocated from STA 1888+73 |      |              |
|                | +           | R3-5R          |      | X             |                |               |        |             |                      | WH               | RIGHT TURN ARROW ONLY | 30         | 36          | 7.5                | RWM  |                    |              |                |           |      |              |                |                |            | Back to back               |      |              |
|                | +           | R5-1           |      | X             |                |               |        |             |                      |                  | DO NOT ENTER          |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
| SS09           | NB 1889+99  | R2-1           |      |               |                |               | X      |             |                      |                  | SPEED LIMIT - 45 MPH  |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
| SS09           | NB 1890+01  | R2-1           |      | X             |                |               |        |             |                      |                  | SPEED LIMIT - 45 MPH  |            |             |                    |      |                    |              |                |           |      |              |                |                |            | Relocate to 53, 17' RT     |      |              |
| SS09           | SB 1892+05  | R3-5Z-L        | X    |               |                |               |        |             |                      |                  | LEFT 2 LANES          |            |             |                    |      |                    | 1            | 2 1/2          | 1         | 13   | 1            |                |                |            |                            |      |              |
|                | +           | R3-8-LL        | X    |               |                |               |        |             |                      |                  | LEFT TURN ARROW ONLY  |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
| SS09           | SB 1892+64  | R3-5F          |      |               |                |               | X      | 12          | 7                    | WH               | RIGHT LANE            | 30         | 12          | 2.5                | RWM  |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                | +           | R3-5R          |      |               |                |               | X      |             |                      | WH               | RIGHT TURN ARROW ONLY | 30         | 36          | 7.5                | RWM  |                    |              |                |           |      |              |                |                |            |                            |      |              |
| SS09           | SB 1893+16  | R5-1A          |      | X             |                |               |        |             |                      |                  | WRONG WAY             |            |             |                    |      |                    |              |                |           |      |              |                |                |            | Relocated from STA 1892+63 |      |              |
| SS09           | NB 1893+38  | W11-8          |      |               |                |               | X      |             |                      |                  | EMERGENCY VEHICLE     |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
| SS09           | EB 1893+64  | D3-1           |      |               |                |               | X      |             |                      |                  | STREET NAME           |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
| SS09           | EB 1893+95  | R1-1           |      |               |                |               | X      |             |                      |                  | STOP SIGN             |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                | +           | D3-1           |      |               |                |               | X      |             |                      |                  | STREET NAME           |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
| SS09           | EB 1894+12  | R6-1R          |      |               |                |               | X      |             |                      |                  | ONE WAY ONLY          |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                | +           | OMI-2          |      |               |                |               | X      |             |                      |                  | OBJECT MARKER         |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |
|                |             |                |      |               |                |               |        |             |                      |                  |                       |            |             |                    |      |                    |              |                |           |      |              |                |                |            |                            |      |              |

**Notes:**

- The Engineer shall verify post lengths and elevations.
- The Engineer may shift a sign in order to achieve a more desirable location.
- Quantities are approximate and for the contractor's information only.
- Offsets are measured from the edge of pavement to the edge of sign panel closest to roadway.

**Panel Types:**

RWM: Regulatory, Warning, or Marker  
F-DA: Flat-sheet aluminum with direct applied or silk-screened characters  
F-Dem: Flat-sheet aluminum with demountable characters  
ExT: Aluminum extrusions  
Incr: Aluminum sheet (increment)

**Post Types:**

2S: 2" Single Perforated  
2 1/2S: 2 1/2" Single Perforated  
2T: 2" Telescoping  
2 1/2T: 2 1/2" Telescoping  
S4x7.7: Breakaway  
W6x9: Breakaway  
W8x18: Breakaway  
W10x22: Breakaway

**Sheeting Types:**

\*: Sign Sheeting will be type IX or XI (Contractor Option)

**Stringer Types:**

P: Square-tube post  
T: T-section (WT 3x6)

**CENTRAL DISTRICT PERMITS**

T 127019

P 1232122



|                                                                                                                                                                               |              |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------|
| REV NO.                                                                                                                                                                       | COMMENT      | DATE             |
| <br><b>CITY OF MARICOPA</b><br><b>EAST-WEST CORRIDOR</b><br><b>SR 347 TO PORTER ROAD</b> |              |                  |
| DESIGNED BY                                                                                                                                                                   | CHECKED BY   | DATE             |
| DRAWN BY                                                                                                                                                                      | INCHES       | DATE             |
| PROJECT NO.                                                                                                                                                                   | PROJECT NAME | PROJECT LOCATION |



- EQUIPMENT NOTES

- ## CENTRAL DISTRICT PERMITS

T 127019

**P** 1232122

**WILSON**  
& COMPANY

410 NORTH 44TH STREET, SUITE 400  
PHOENIX, ARIZONA 85008  
PHONE: 602-283-2701  
FAX: 602-273-1230  
[www.wilsonco.com](http://www.wilsonco.com)

| PULL BOX SCHEDULE |             |                        |
|-------------------|-------------|------------------------|
| NO.               | TYPE        | LOCATION               |
| 1                 | No. 7       | STA 101+13.7, 82.7' LT |
| 2                 | No. 7       | EXISTING TO BE REMOVED |
| 3                 | No. 7       | EXISTING TO BE REMOVED |
| 4                 | No. 7       | STA 101+20.3, 60.1' RT |
| 5                 | No. 7 w/ext | EXISTING TO REMAIN     |
| 6                 | No. 7       | EXISTING TO REMAIN     |
| 7                 | No. 7       | EXISTING TO REMAIN     |
| 8                 | No. 7       | EXISTING TO BE REMOVED |

|        |                         |            |
|--------|-------------------------|------------|
| 2      | Power Source Relocation | 08/03/2023 |
| 1      | RFI-30                  | 05/11/2023 |
| RFI/RF | TEAMVIEW                | DATE       |



CITY OF MARICOPA

**SONORAN DESERT PARKWAY**  
SR 347 TO PORTER ROAD



Know what's below.  
Call before you dig.

| 1990-91<br>PL-2004 | 1991-92<br>PL | 1992-93<br>PL | 1993-94<br>PL | 1994-95<br>PL PL-2004 | 1995-96<br>PL-PL |
|--------------------|---------------|---------------|---------------|-----------------------|------------------|
|--------------------|---------------|---------------|---------------|-----------------------|------------------|

# POLE SCHEDULE

| TRAFFIC SIGNAL CONTROLLER |                                                                                     |                       |                             |                                                 |                            |                            | REMARKS     | LOCATION                                                        |                                         |
|---------------------------|-------------------------------------------------------------------------------------|-----------------------|-----------------------------|-------------------------------------------------|----------------------------|----------------------------|-------------|-----------------------------------------------------------------|-----------------------------------------|
| CABINET                   | TYPE                                                                                | CONTROLLER            | AUX. CONTROL                |                                                 |                            |                            |             |                                                                 |                                         |
| A                         |    | IV WITH ELEVATOR BASE | MPS-8+ MENU-DRIVEN WITH LCD | INSTALL PEC AND 20 AMP FUSED LIGHTING CONTACTOR |                            |                            |             |                                                                 | STATION 101+07.4<br>OFFSET 117.3' LT    |
| B                         |    | -                     | -                           | -                                               |                            |                            |             | -                                                               | STATION 101+07.3<br>OFFSET 111.2' LT    |
| POLE                      |                                                                                     | MAST ARM              |                             | SIGNALS                                         |                            | P.B.                       | REMARKS     | LOCATION                                                        |                                         |
| NO.                       | TYPE                                                                                | SIG.                  | LUM.                        | MTG.                                            | FACE                       | SIGN                       |             |                                                                 |                                         |
| C                         |    | -                     | -                           | -                                               | -                          | -                          | -           | EXISTING TO BE REMOVED AND SALVAGED                             |                                         |
| D                         |    | -                     | -                           | -                                               | -                          | -                          | -           | EXISTING TO BE REMOVED AND SALVAGED                             |                                         |
| E                         |    | -                     | -                           | -                                               | -                          | -                          | -           | EXISTING TO BE REMOVED AND SALVAGED                             |                                         |
| F                         |    | -                     | -                           | -                                               | 1-V<br>1-V                 | 1-F<br>1-P/H               | R-10-3e (R) | INSTALL NEW F AND P/H HEAD ON EXISTING LIGHT POLE               | EXISTING TO REMAIN                      |
| G                         |    | -                     | -                           | -                                               | -                          | -                          | -           | -                                                               |                                         |
| H                         |    | W                     | 60'                         | 20'                                             | 1-II<br>2-II<br>1-V<br>1-V | 1-R<br>2-F<br>1-R<br>1-P/H | R-10-3e (L) | L.E.D. LUMINAIRE, VIDEO DETECTION CAMERA (FLIR), TRAFFIC SIGNAL | STATION 100+99.3<br><br>OFFSET 93.3' LT |
| I                         |  | A 15'                 | -                           | -                                               | 1-V<br>1-V                 | 1-F<br>1-P/H               | R-10-3e (R) | -                                                               | STATION 101+31.0<br><br>OFFSET 60.3' LT |
| J                         |  | R                     | 55'                         | 20'                                             | 2-II<br>2-II<br>1-V<br>1-V | 2-R<br>2-F<br>1-R<br>1-P/H | R-10-3e (L) | L.E.D. LUMINAIRE, VIDEO DETECTION CAMERA (FLIR), TRAFFIC SIGNAL | STATION 101+42.5<br><br>OFFSET 48.8' RT |
| K                         |  | A 15'                 | -                           | -                                               | 1-V<br>1-V                 | 1-F<br>1-P/H               | R-10-3e (R) | -                                                               | STATION 101+10.5<br><br>OFFSET 79.6' RT |
| L                         |  | W                     | 65'                         | 20'                                             | 2-II<br>3-II<br>1-V<br>1-V | 2-R<br>3-F<br>1-R<br>1-P/H | R-10-3e (L) | L.E.D. LUMINAIRE, VIDEO DETECTION CAMERA (FLIR), TRAFFIC SIGNAL | STATION 99+68.5<br><br>OFFSET 89.0' RT  |
| M                         |  | W                     | 65'                         | 20'                                             | 1-II<br>3-II<br>1-V<br>1-V | 1-R<br>3-F<br>1-R<br>1-P/H | R-10-3e (L) | L.E.D. LUMINAIRE, VIDEO DETECTION CAMERA (FLIR), TRAFFIC SIGNAL | STATION 99+52.9<br><br>OFFSET 69.2' LT  |
| N                         |  | A 15'                 | -                           | -                                               | 1-V<br>1-V                 | 1-F<br>1-P/H               | R-10-3e (R) | -                                                               | STATION 99+68.7<br><br>OFFSET 96.0' LT  |

# CONDUCTOR SCHEDULE

| AWG   | CONDUIT RUN NUMBER        | CONDUIT SIZE IN INCHES | DESCRIPTION | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
|-------|---------------------------|------------------------|-------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|
|       |                           |                        |             | E | E | E | E | E | E | E | E | E | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  |
| IMSA  | 20 CONDUCTOR CABLE POLE F |                        |             | 1 |   | 1 |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |
|       | 20 CONDUCTOR CABLE POLE L |                        |             | 1 |   |   |   | 1 |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |
|       | 20 CONDUCTOR CABLE POLE M |                        |             | 1 |   |   |   |   |   |   |   |   | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
|       | 20 CONDUCTOR CABLE POLE N |                        |             | 1 |   |   |   |   |   | 1 |   |   |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
|       | 20 CONDUCTOR CABLE POLE H |                        |             | 1 |   |   |   |   |   | 1 |   |   | 1  |    |    |    | 1  |    | 1  |    |    |    | 1  |    | 1  |
|       | 20 CONDUCTOR CABLE POLE I |                        |             | 1 |   |   |   |   |   | 1 |   |   |    |    |    | 1  |    |    | 1  |    |    |    |    |    |    |
|       | 20 CONDUCTOR CABLE POLE J |                        |             | 1 |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |
|       | 20 CONDUCTOR CABLE POLE K |                        |             | 1 |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |
| * #12 | 7 CONDUCTOR CABLE POLE    |                        |             | 8 |   | 1 |   | 1 |   | 3 |   | 1 | 1  |    | 1  |    | 2  |    | 1  | 1  |    | 1  |    | 1  | 1  |
|       | VIDEO DETECTION           |                        |             |   |   | 4 |   |   |   |   |   | 2 | 1  |    |    |    |    | 1  |    | 1  |    |    |    |    |    |
|       | LIGHTING CONDUCTOR 240V   |                        |             | 2 |   | 2 |   |   |   | 4 |   |   | 2  |    |    |    | 2  |    |    | 2  |    |    |    |    |    |
|       | ILLUMINATED MESSAGE SIGN  |                        |             | 2 |   | 2 |   |   |   | 4 |   |   | 2  |    |    |    | 2  |    |    | 2  |    |    |    |    |    |
| #8    | SIGNAL COMMON             |                        |             | 1 |   | 1 |   | 1 |   | 3 |   | 1 | 1  |    | 1  |    | 2  |    | 1  | 1  |    | 1  |    | 1  | 1  |
|       | INSULATED BOND (GREEN)    |                        |             | - |   | 1 |   | 1 |   | 1 |   | 2 | 1  | 1  |    | 1  |    | 1  |    | 1  | 1  |    | 1  |    | 1  |
|       | SERVICE 120/240 VOLTS     |                        |             | - |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |

E EXISTING CONDUIT

# CONDUCTOR SCHEDULE - CONTINUED

| AWG   | CONDUIT RUN NUMBER        | CONDUIT SIZE IN INCHES | DESCRIPTION | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|-------|---------------------------|------------------------|-------------|----|----|----|----|----|----|----|----|
|       |                           |                        |             | E  | E  | E  | E  | E  | E  | E  | E  |
| IMSA  | 20 CONDUCTOR CABLE POLE F |                        |             |    |    |    |    |    |    |    |    |
|       | 20 CONDUCTOR CABLE POLE L |                        |             |    |    |    |    |    |    |    |    |
|       | 20 CONDUCTOR CABLE POLE M |                        |             |    |    |    |    |    |    |    |    |
|       | 20 CONDUCTOR CABLE POLE N |                        |             |    |    |    |    |    |    |    |    |
|       | 20 CONDUCTOR CABLE POLE H |                        |             |    |    |    |    |    |    |    |    |
|       | 20 CONDUCTOR CABLE POLE I |                        |             |    |    |    |    |    |    |    |    |
|       | 20 CONDUCTOR CABLE POLE J |                        |             |    |    |    |    |    |    |    |    |
|       | 20 CONDUCTOR CABLE POLE K |                        |             |    |    |    |    |    |    |    |    |
| * #12 | 7 CONDUCTOR CABLE POLE    |                        |             |    |    | 1  | 1  |    | 2  |    |    |
|       | VIDEO DETECTION           |                        |             |    |    | 1  |    |    |    | 1  |    |
|       | LIGHTING CONDUCTOR 240V   |                        |             |    |    | 2  |    |    | 2  |    |    |
|       | ILLUMINATED MESSAGE SIGN  |                        |             |    |    | 2  |    |    | 2  |    |    |
| #8    | SIGNAL COMMON             |                        |             |    |    | 1  | 1  |    | 2  |    |    |
|       | INSULATED BOND (GREEN)    |                        |             |    |    | 1  | 1  | 1  | 1  | 1  |    |
|       | SERVICE 120/240 VOLTS     |                        |             |    |    |    |    |    |    |    |    |

# IMSA CABLE 19-1, #14 AWG, 20-CONDUCTOR

| CABLE #1 | CABLE #2        | CONDUCTOR COLOR |               | SIGNAL INTERVAL |
|----------|-----------------|-----------------|---------------|-----------------|
|          |                 | BASIC COLOR     | TRACER STRIPE |                 |
| 01       | 05 OR OVERLAP A | RED             | WHITE         | RED             |
|          |                 | BLACK           | WHITE         | YELLOW          |
| 02       | 06 OR OVERLAP A | GREEN           | WHITE         | GREEN           |
|          |                 | RED             |               | RED             |
| 03       | 07 OR OVERLAP A | ORANGE          |               | YELLOW          |
|          |                 | GREEN           |               | GREEN           |
| 04       | 08 OR OVERLAP A | BLACK           | RED           | RED             |
|          |                 | ORANGE          | RED           | YELLOW          |
| 2 PED    | 6 PED           | BLUE            | RED           | GREEN           |
|          |                 | RED             | BLACK         | RED             |
| 4 PED    | 8 PED           | ORANGE          | BLACK         | YELLOW          |
|          |                 | GREEN           | BLACK         | GREEN           |
| ALL 0 %  | ALL 0 %         | WHITE           |               | WALK            |
|          |                 | BLUE            |               | DONT WALK       |
| ALL 0 %  | ALL 0 %         | WHITE           | BLACK         | PUSH BUTTON     |
|          |                 | BLUE            | WHITE         | WALK            |
| ALL 0 %  | ALL 0 %         | RED             | GREEN         | DONT WALK       |
|          |                 | WHITE           | RED           | PUSH BUTTON     |
| ALL 0 %  | ALL 0 %         | WHITE           |               | P.B. COMMON     |
|          |                 | BLUE            |               | SPARE           |

CABLE #2 SHALL BE MARKED WITH 2 INDIVIDUAL 1/8" INCH WIDE STAINLESS STEEL BANDS, SIDE BY SIDE WITH A 1/8" INCH GAP BETWEEN BANDS, AT EACH PULL BOX LOCATION. INDIVIDUAL CONDUCTORS IN THE CABLE SHALL BE TAGGED AS TO ASSIGNED PHASE.

# 20-CONDUCTOR IMSA COLOR CODE

**WILSON & COMPANY**

410 NORTH 44TH STREET, SUITE 460  
PHOENIX, ARIZONA 85008  
PHONE: 602-283-2701  
FAX: 602-273-1230  
www.wilsonco.com

# CONDUCTOR SCHEDULE NOTES

- THE IMSA 20-CONDUCTOR CABLE SHALL BE RUN UNSPLICED FROM THE CABINET TO THE SIGNAL POLE TERMINAL BLOCK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING MULTI-COLOR CONDUCTORS WHICH MEET THE COLOR CODING CRITERIA IDENTIFIED BELOW.
- ALL CONDUIT NEW UNLESS OTHERWISE NOTED.
- INSTALL WARNING TAPE IN ALL TRENCHES CONTAINING MULTI-DUCT CONDUIT OR CONDUIT CONTAINING COMMUNICATION CABLES.

# GENERAL NOTES

- ALL SIGNAL AND SIGNAL LIGHTING EQUIPMENT MUST CONFORM TO CURRENT ADOT STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL FIELD VERIFY ALL POLE LOCATIONS WITH THE ENGINEER, PRIOR TO ANY CONSTRUCTION ACTIVITY.

# IMSA CABLE 19-1, #14 AWG, 4-CONDUCTOR & 7-CONDUCTOR

| SIGNAL HEADS OUTBOARD & FAR LEFT |                 |
|----------------------------------|-----------------|
| 7-CONDUCTOR CABLE                |                 |
| BASIC COLOR                      | SIGNAL INTERVAL |
| RED                              | RED             |
| BLACK                            | YELLOW          |
| GREEN                            | GREEN           |
| ORANGE                           | YELLOW ARROW    |
| BLUE                             | GREEN ARROW     |
| WHITE                            | VEH. COM.       |
| WHITE/BLACK TR                   | VEH. COM.       |

| SIGNAL HEADS INBOARD & SIDE MOUNT |                 |
|-----------------------------------|-----------------|
| 4-CONDUCTOR CABLE                 |                 |
| BASIC COLOR                       | SIGNAL INTERVAL |
| RED                               | RED             |
| BLACK                             | YELLOW          |
| GREEN                             | GREEN           |
| WHITE                             | VEH. COM.       |

| PEDESTRIAN HEADS  |                 |
|-------------------|-----------------|
| 4-CONDUCTOR CABLE |                 |
| BASIC COLOR       | SIGNAL INTERVAL |
| RED               | DONT WALK       |
| GREEN             | WALK            |
| WHITE             | PED. COM.       |
| BLACK             | SPARE           |

| PUSH BUTTON       |                     |
|-------------------|---------------------|
| 4-CONDUCTOR CABLE |                     |
| BASIC COLOR       | PUSH BUTTON STATION |
| RED               | PUSH BUTTON         |
| WHITE             | P.B. COM.           |
| GREEN             | SPARE               |
| BLACK             | SPARE               |

THE CABLE SHALL BE TAGGED AS TO ASSIGNED PHASE.

# 4 AND 7-IMSA COLOR CODE



CENTRAL DISTRICT PERMITS

T 127019



**CITY OF MARICOPA**  
SONORAN DESERT PARKWAY  
SR 347 TO PORTER ROAD

PREP BY: 10/1/2021  
DESIGNED BY: 10/1/2021  
CHECKED BY: 10/1/2021  
ISSUED BY: 10/1/2021  
DATE: 10/1/2021

# Transportation Systems Management and Operations - Regional Traffic Engineering - Central Region

## MEMORANDUM

TO: Permit Technician  
 FROM: Operations & Traffic Safety Group  
 OWNER: City of Maricopa  
 TRACKING #: T127019  
 LOCATION: Maricopa  
 RE: Traffic Control Plan Acceptance

- ☒ ACCEPTED  
☐ ACCEPTED AS NOTED  
☐ NOT ACCEPTED - Revise & Resubmit

**ACCEPTED**

**REVIEWED**

By Kendall Wright at 3:39 pm, Aug 18, 2023

**CENTRAL DISTRICT PERMITS**

T 127019

P 1232122

- ADOT reviews temporary traffic control plans (TTCP) for general compliance with accepted engineering practices and for significant impacts to traffic. However, this general review does not change the responsibility for the safety, implementation and inspection of TTCP which remains with the applicant and/or the barricade installer. This review does not relieve the contractor from responsibility for errors or omissions from the plans. Acceptance of this TTCP does not relieve the contractor from contacting ADOT Central District to make sure that the TTCP is not in conflict with any ongoing work or events in the area. This review does not consider the means, methods, techniques, sequences, and operations of construction, or safety, precautions, or programs incidental thereto, which are the sole responsibility of the contractor.
- Set up of the traffic control will be allowed, per the accepted TCP, with the following stipulations:
  - Work hours (check the box or boxes that apply):
    - ☐ Week days from 9:00 AM to 3:00 PM.
    - ☐ Weeknights from 9:00 PM to 5:00 AM.
    - ☐ Weekends from Friday 10:00 PM to Monday 5:00 AM.
    - ☐ Rolling Traffic Break: Time and Date \_\_\_\_\_
    - ☐ Full or partial one day closures will be allowed during the nighttime period from Friday 10:00 PM to Saturday 7:00 AM or from Saturday 10:00 PM to Sunday 8:00 AM.
    - ☒ Other: Time & Date 24 Hour Closure for 3 months accepted By: Kendall Wright
    - ☒ District Administrator's / Maintenance Engineer's Acceptance Required:
 

Accepted: ☐ Yes ☐ No

Accepted By: Kendall Wright Date: 8/18/23
- **ADOT Communications Office:** Final notification of weekend closure(s) must be submitted to ADOT Communication Section by noon on Wednesday prior to the closure(s). Final notification of weekday activities shall be submitted a minimum of one week prior to the weekday closure(s).
- **ADOT's Traffic Operations Center** (602-257-1563) **SHALL** be contacted, at a minimum, 72 hours for partial closures and five working days prior to the start of any work within ADOT ROW.
- **ADOT's Traffic Signals and Lighting Superintendent** (602-465-6331) **SHALL** be contacted, at a minimum, 72 hours prior to start of work to coordinate any needed adjustments to the signal timing, when traffic control restricts any lanes at a signalized intersection within ADOT's ROW.

If you have any questions, please contact Adam Carreon at (602)712-2212 (E-Mail: ACarreon@azdot.gov)

Operations and Traffic Safety Engineer

Date

**TRAFFICADE  
SERVICE COMPANIES**

TRAFFICADE SERVICE COMPANIES  
2533 W. HOLLY ST.  
PHOENIX, AZ 85009  
[602] 431-0911  
FAX [602] 272-3705

**NOT TO SCALE**

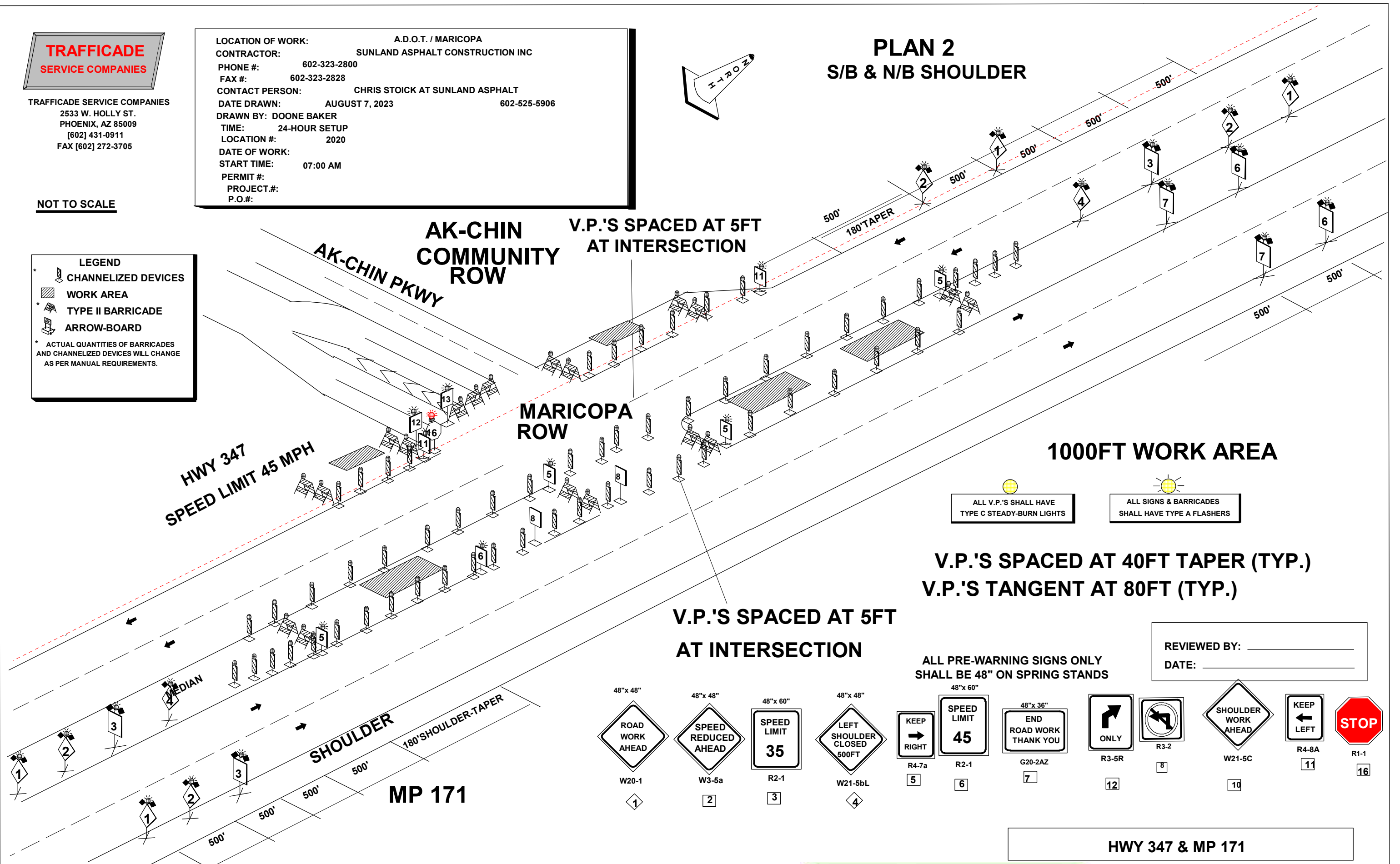
LOCATION OF WORK: A.D.O.T. / MARICOPA  
CONTRACTOR: SUNLAND ASPHALT CONSTRUCTION INC  
PHONE #: 602-323-2800  
FAX #: 602-323-2828  
CONTACT PERSON: CHRIS STOICK AT SUNLAND ASPHALT  
DATE DRAWN: AUGUST 7, 2023 602-525-5906  
DRAWN BY: DOONE BAKER  
TIME: 24-HOUR SETUP  
LOCATION #: 2020  
DATE OF WORK:  
START TIME: 07:00 AM  
PERMIT #:  
PROJECT #:  
P.O.#:

**LEGEND**

- CHANNELIZED DEVICES
- WORK AREA
- TYPE II BARRICADE
- ARROW-BOARD

\* ACTUAL QUANTITIES OF BARRICADES AND CHANNELIZED DEVICES WILL CHANGE AS PER MANUAL REQUIREMENTS.

**PLAN 2  
S/B & N/B SHOULDER**



**ACCEPTED**

**REVIEWED**

By Kendall Wright at 3:39 pm, Aug 18, 2023

## SPECIFICATIONS PERMIT 1232122

NO WORK SHALL BEGIN PRIOR TO NOTIFICATION OF PROPER AUTHORITIES. NOTIFY AREA INSPECTOR 3 DAYS PRIOR TO START OR WORK AND WITHIN 3 DAYS AFTER COMPLETION FOR FINAL INSPECTION. *FAILURE TO COMPLY WITH THIS REQUIREMENT WILL RESULT IN WORK STOPPAGE.*

IN CASE OF THE EVICTION OF LICENSEE BY ANYONE OWNING OR CLAIMING TITLE TO OR ANY INTEREST IN SAID PREMISES, OR ANY PART THEREOF, STATE SHALL NOT BE LIABLE TO LICENSEE FOR ANY DAMAGE OF ANY NATURE WHATSOEVER, OR TO REFUND ANY MONEYS PAID HEREUNDER.

WITH THE ACCEPTANCE OF THIS PERMIT, THE PERMITTEE AGREES TO ALL THE CONDITIONS AS DESCRIBED HEREIN. **IF THE PERMITTEE DOES NOT AGREE TO ALL THE CONDITIONS AS OUTLINED, THE PERMIT MUST BE RETURNED TO THE PHOENIX MAINTENANCE DISTRICT PERMITS OFFICE.** NO WORK WILL BE ALLOWED TO TAKE PLACE INSIDE THE RIGHT OF WAY WITHOUT A VALID PERMIT.

**ALL WORK SHALL BE DONE IN ACCORDANCE WITH CURRENT ARIZONA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS** and work will be inspected by the Department of Transportation.

Each party (as 'indemnitor') agrees to indemnify, defend, and hold harmless the other party (as 'indemnitee') from and against any and all claims, losses, liability, costs, or expenses (including reasonable attorney's fees) (hereinafter collectively referred to as 'claims') arising out of bodily injury of any person (including death) or property damage but only to the extent that such claims which result in vicarious/derivative liability to the indemnitee, are caused by the act, omission, negligence, misconduct or other fault of the indemnitor, its officer, officials, agents employees, or volunteers.

Survey markers and monuments shall be preserved in their original positions. These monuments include, but are not limited to, Section line monuments, Right of Way markers, roadway monuments, and geodetic control stations established by the USC&GS, NGS, and USGS. Any survey markers or monuments disturbed during the execution of the Permits shall be repaired and/or replaced immediately at no cost to the Department. The relevant standards and procedures established by the Arizona State Board of Technical Registration, Arizona Statutes, the U.S. Department of Interior's Manual of Instructions for the Survey of Public Lands, the National Geodetic Survey's procedures, and Department Right of Way policies shall be adhered to when re-setting survey monuments or markers. The Permittee shall mark and inspect markers and monuments for damage prior to any permitted work. The Permittee shall notify the Department immediately to eliminate liability. Unless otherwise stated by the Department, the Permittee shall not perform any construction activity within five feet of the survey marker or monument.

## BLUE STAKE PERMIT SPECIFICATIONS:

The Permittee is responsible for understanding and complying with the Arizona Revised Statutes Title 40, Chapter 2, Article 6.3 Underground Facilities.

The Permittee shall call the Arizona Blue Stake Center at 602 623-1100 or 811, (2) two working days before excavation is scheduled to commence and shall limit the request to an area that can be reasonably excavated within the validity period of the markings. The Permittee shall white line the area of excavation or running line of the installation prior to calling for Blue Stake.

The permittee shall excavate in a “careful and prudent manner” meaning conducting an excavation in such a way that when the excavation is less than or equal to 24” inches from an underground facility that it is marked with stakes or paint or some customary manner, the facility is carefully exposed with hand tools, and the uncovered facility is supported and protected.

The permittee shall, when requested by a representative of the Arizona Department of Transportation, provide mobile traffic control or crash vehicle at permittee’s cost to shadow the utility locator while completing the requested utility locate.

The permittee shall assume full responsibility for locating of any underground utilities or other facilities located within the ADOT ROW and will be responsible for any damage. Blue Staking will not relieve the permittee of responsibility or liability for damage to ADOT facilities.

If any underground facility is damaged by the permittee or delegate as a result of failing to obtain information as to its location, failing to take measures for the protection of the facility or failing to excavate in a careful and prudent manner, the person is liable to the owner of the underground facility for the total cost of the repair of the facility, loss of use, loss of product and all costs associated with the repair of the facility.

The permittee shall place warning tape in all trenches in which new conduit/pipe is placed. All warning tape shall be buried at a depth of six to eight inches below finished grade. The tape shall have the printed message warning of the location of the underground conduits / pipes / wire. The message shall be in permanent ink specifically formulated for prolonged underground use shall bear the words appropriate to the facility. The following are examples and the list is not all inclusive:

- “Caution electric line buried below” in black letter on a red background
- “Caution gas line buried below” in black letters on yellow background
- “Caution Fiber Optic line buried below” in black letter on orange background
- “Caution telephone line buried below” in black letters on orange background
- “Caution cable television line buried below” in black letter on orange background
- “Caution water line buried below” in black letters on a blue background
- “Caution sewer line buried below” in black letter on a green background

Permittee shall comply with section 104.15 (Providing Magnetic Detection for Underground Facilities) of the Arizona Department of Transportation Standards & Specifications for Road and Bridge Construction.

## LANDSCAPE:

All landscaping is to be restored to original or better condition and to the satisfaction of the ADOT inspector.

Permittee shall repair and/or replace any damaged or removed plant material or irrigation system components caused by his portion of work to the satisfaction of the landscape inspector on site. All irrigation lines that will travel under the proposed asphalt paving and/or building must be in proper sleeves. Remote control valve wires shall be labeled and placed in conduit inside sleeves, with splices set in the approved plastic valve boxes at each end of the sleeve/s. The grade shall be re-graded to the original and/or match the adjacent finished grade, with all disturbed granite mulch brought back into place to match the existing.

Upon completion of the work, it is the Permittee's responsibility to certify on the originally submitted plans that the permitted work has been completed as shown.

Vertical drops running adjacent to the roadway shall not be left open overnight without proper barricades.

OPEN HOLES SHALL NOT BE LEFT UNATTENDED OR UNPROTECTED AT ANY TIME WHATSOEVER.

Upon completion, the Permittee shall be responsible for seeing that all surplus material has been removed from the Right of Way, the work area has been neatly graded and that no berms or depressions remain.

The Permittee shall, when requested by a representative of the Arizona Department of Transportation, provide documentation for their materials and testing.

All traffic shall be maintained through the work area and protected in accordance with the requirements of the Manual on Uniform Traffic Control Devices (as revised, including future revisions) and the Department's Traffic Control Manual for Highway Construction and Maintenance (as revised, including future revisions). All signs, placement of signs, and the necessity of using flagmen is the responsibility of the Permittee.

Both publications may be purchased from:

- ADOT Records Administration Section - Engineering Records, Room 112F, 1655 West Jackson Street - Phoenix, Arizona – 85007
- The ADOT Traffic Control Manual is Publication No. 33-003. The Manual on Uniform Traffic Control Devices is Publication No. 30-001.

*NOTE: A MINIMUM OF TWO ADVANCED WARNING SIGNS SHALL BE INSTALLED, ALONG WITH NORMAL BARRICADING*

**When work is not in progress all unnecessary signs and supports shall be removed from roadway.**

**No VEHICLES/EQUIPMENT MAY BE LEFT IN RIGHT OF WAY WHEN WORK IS NOT IN PROGRESS.**

Double fines for speed in work zones. ALL TRAFFIC CONTROL SETUPS SHALL INCLUDE THESE SIGNS.

Any traffic control plan revisions must be submitted a minimum of 5 business days in advance of work activities.

Traffic control plans affecting construction within ADOT right of way **must** be submitted to ADOT's Regional Traffic Engineer's office for review and approval 5 business days in advance of scheduled construction activities. This will allow adequate time for review or modification of traffic control plans, and also posting on ADOT's road closure report.

**Anissa Gerard, Ph.D., PE**  
**Regional Traffic Engineer**  
2140 W. Hilton Avenue, Phoenix, Arizona 85009  
Office: (480) 244 - 5009  
[agerard@azdot.gov](mailto:agerard@azdot.gov)

**HOLIDAY WORK HOURS: NO WORK FROM 12 NOON THURSDAY UNTIL MONDAY IF HOLIDAY FALLS ON FRIDAY OR SATURDAY OR FROM NOON FRIDAY UNTIL TUESDAY IF HOLIDAY FALLS ON SUNDAY OR MONDAY.**

The above hours and days may be modified at the discretion of the Central Maintenance District Engineer.

**WORK HOURS: BEGIN TRAFFIC CONTROL SETUP AFTER 9:00 AM TRAFFIC CONTROL MUST BE OFF THE ROADWAY BY 3:00 PM.**

Permittee shall notify the **ADOT Traffic Operations Center, (602) 257-1563, 48 hours in advance**, for **PRE-APPROVED** lane closures. Permittee shall request the use of ADOT Permanent Variable Message Sign Boards, if applicable.

**A COMPLETE COPY OF THE APPROVED PERMIT MUST BE ON THE JOB SITE AT ALL TIMES! FAILURE TO PROVIDE THIS COPY OR COMPLY WITH THE PERMIT SPECIFICATIONS WILL RESULT IN IMMEDIATE TERMINATION OF WORK UNTIL PROOF OF A VALID PERMIT HAS BEEN PROVIDED AND OR SPECIFICATIONS VIOLATIONS HAVE BEEN CORRECTED.**

**NO EXCEPTIONS!**

Please give advance notification to the following three business days before starting work, and also within three days after completion for final inspection.

**Central District Maintenance Permits**  
2140 W. Hilton Avenue  
Phoenix, Arizona 85009  
Office: (602) 712-6954  
[CentralPermit@azdot.gov](mailto:CentralPermit@azdot.gov)

# Attachment “A”

## **Archaeological Clearance Notification**

### **Cultural survey specifications and responsibilities:**

In accordance with the Arizona State Historic Preservation Act, ADOT must consider the effects of its actions, including the issuance of permits, on historic properties. It is the Permittee’s responsibility to obtain documents indicating that the proposed permit would not affect historic properties or, if it would affect such properties, to provide documentation attesting to the mitigation of those effects, prior to beginning excavation work within ADOT Rights of Ways. Such documentation may include concurrence on the effect from the State Historic Preservation Office or a data recovery plan approved by the Arizona State Museum (in the case of mitigative data recovery).

### **Archaeological Features:**

The attention of the Permittee is directed to the Arizona Revised Statutes §41-841 through 846 and §41-861 through 865. Violation of A.R.S §41-841 through 845 is a Class 2 misdemeanor. Violation of A.R.S. §41-861 through 865 can be classified as either a Class 1 misdemeanor or a Class 5 felony.

Section 6(a) of the Federal Archaeological Resources Protection Act of 1979 specifies that no person may excavate, remove, damage or otherwise alter or deface any archaeological resource located on public (Federal) lands or Indian lands unless such activity is pursuant to a permit issued under Section 4 of the Act. Violations of this act are considered a felony, and are punishable by fine and imprisonment.

Although the permittee will be responsible to make every effort prior to construction to identify all cultural resources in a permit area, previously unidentified archaeological materials could be found during the construction of the permit. When historic or archaeological features are encountered or discovered during any activity related to construction of the permit, the permittee shall stop work immediately at that location, and shall take all reasonable steps to secure the preservation of those features.

The permittee shall immediately contact ADOT’s Historic Preservation Team, listed below and the ADOT District Permits Office that issued the permit and make arrangements for the proper treatment of such resources. The permittee shall not resume work until he/she is so directed by the Arizona Department of Transportation.

### *Environmental Planning Group:*

#### **District Environmental Coordinator – Central District**

**Alexis Zaring**

2140 West Hilton Avenue

Phoenix, AZ 85009

Office: (602) 920-7392

AZaring@azdot.gov

## **Attachment “B”**

**The permittee agrees that they will be liable for, and shall reimburse ADOT for any delay and/or other damages ADOT is required to pay its own contractors or other parties if the encroachment is not installed, relocated or removed in a timely manner.**

ALL TRENCHES SHALL BE AT A DEPTH TO ACCOMMODATE A MINIMUM OF 60” OF COVER MATERIAL FOR ENCASED AND DIRECT BURIAL LINES BELOW FINISHED GRADE PER C07.06 TYPE G.

BACKFILL SHALL BE COMPACTED TO 95% DENSITY (100% IN ROADWAY) USING 1 SACK SLURRY MIXES MATERIAL. ONE-HALF SACK SLURRY MAY BE UTILIZED FOR AREAS NOT UNDER PAVEMENT.

CURB AND GUTTER REMOVAL SHALL BE SAW-CUT AND REMOVED FROM JOINT TO JOINT. SEE SUBSECTION 202-3.04 IN ADOT STANDARD SPECIFICATIONS.

SIDEWALK REMOVAL SHALL BE SAW-CUT AND REMOVED FROM JOINT TO JOINT. SEE SUBSECTION 202-3.04 IN ADOT STANDARD SPECIFICATIONS.

SIDEWALK AND SIDEWALK RAMPS SHALL BE CONSTRUCTED PER ADOT STANDARD DETAILS C-05.20 AND C-05.30.

CURB AND GUTTER SHALL BE CONSTRUCTED PER ADOT STANDARD DETAIL C-5.10.

PAVEMENT REPLACEMENT WILL BE CONSTRUCTED TO MATCH EXISTING PAVEMENT. IF PAVEMENT REPLACEMENT IS DUE TO POTHOLES, SLURRY-FILL & PLACE PAVEMENT ON TOP. EXCAVATIONS LARGER THAN 12-INCHES DIAMETER REQUIRE A PAVEMENT PATCH FOR A MINIMUM OF 100-FEET, FULL-LANE WIDTH, A MINIMUM OF 50-FEET FROM EACH EDGE OF EXCAVATION, ACCORDING TO ADOT GUIDELINES FOR ACCOMMODATING UTILITIES ON HIGHWAY RIGHT-OF-WAYS, OR AS DIRECTED BY ADOT INSPECTOR.

ALL POTHOLES IN PAVED AND CONCRETE AREAS WILL BE CORE DRILLED. POTHOLES LOCATED IN PORTLAND CEMENT CONCRETE PAVEMENT SHOULD BE NO LARGER THAN 8-INCHES IN DIAMETER, WITH CORE REPLACED AND EXPOXY SEALED. 12-INCHES ALLOWED BY SPECIAL REQUEST. REPLACEMENT OF FULL PANEL WILL BE REQUIRED FOR 12-INCH DIAMETER POTHOLES.

PIPE SHALL BE JACKED AND BORED BENEATH ALL PAVED AREA AT A MINIMUM DEPTH OF 60”. BORE SHALL BEGIN NO CLOSER THAN 8 FEET FROM THE EDGE OF PAVEMENT, INCLUDING SIDE STREETS AND DRIVEWAYS.

ALL BORE PITS AND RECEIVING PITS SHALL BE ADEQUATELY PROTECTED BY THE USE OF FENCING, BARRICADES AND ASPHALT ROAD PLATING. ROAD PLATE ALL EXCAVATIONS OVERNIGHT.

BORE PITS CLOSER THAN 30 FEET FROM THE EDGE OF PAVEMENT WILL BE PROTECTED WITH JERSEY BARRICADE AND FENCING.

ALL BORE PITS SHALL BE BACKFILLED IN LAYERS NOT TO EXCEED 8" (100%). THE EXCAVATED MATERIAL MAY BE UTILIZED AS BACKFILL. IF THE IN PLACE MOISTURE IS LOW, WATER MAY HAVE TO BE UNIFORMLY ADDED.

THE DENSITY REQUIREMENTS WILL 95% (100%) OF THE MAXIMUM DENSITY.

**The Standard Specifications for Road and Bridge Construction can be found at:**

<https://azdot.gov/business/contracts-and-specifications/specifications-pay-items-list>

**The Construction Standard Drawings can be found at:**

<https://azdot.gov/node/5376>

**The ADOT Signing and Marking Guide can be found at:**

<https://azdot.gov/business/engineering-and-construction/traffic/signing-and-marking-standard-sms-drawings>

**The ADOT Bridge Standards and Details can be found at:**

<https://azdot.gov/business/engineering-and-construction/bridge-engineering-and-construction>

**The ADOT Drainage Standards can be found at:**

<http://azdot.gov/business/engineering-and-construction/roadway-engineering/drainage-design/manuals>

**The ADOT Guidelines for Accommodating Utilities on Highway Rights-of-Way can be found at:**

<https://azdot.gov/business/engineering-and-construction/utility-and-railroad-engineering>