CITY OF PHOENIX STREET TRANSPORTATION DEPARTMENT DESIGN AND CONSTRUCTION MANAGEMENT DIVISION

FY2021 FEDERAL TAP HAWK INSTALLATION ST89330268-1

CITYWIDE 12 LOCATIONS

TIP ID # PHX22-803 FEDERAL PROJECT # PHX-0(365)D ADOT TRACS # T0270 01C



- 1 INDIAN SCHOOL ROAD BETWEEN 33RD DRIVE AND 31ST AVENUE
- 5 19TH AVENUE BETWEEN BELL ROAD AND GROVERS AVENUE
- 6 19TH AVENUE NEAR BEHREND
- 35TH AVENUE AND EVA STREET
- SOUTHERN AVENUE AND MONTEZUMA STREET
- 11 27TH AVENUE AND ROSE LANE
- 27TH AVENUE BETWEEN HAZELWOOD STREET AND HIGHLAND AVENUE

PROJECT SITES

INDIAN SCHOOL ROAD NEAR 69TH DRIVE

INDIAN SCHOOL ROAD BETWEEN 9TH STREET AND 11TH STREET MCDOWELL ROAD BETWEEN 3RD STREET AND 7TH STREET

35TH AVENUE AND EL CAMINO DRIVE

GLENDALE AVENUE BETWEEN 35TH AVENUE AND 39TH AVENUE

LENGTH OF PROJECT = 1,161 LF = 0.22 MILES



NO. TOTAL

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

PROJECT NO.

CK: CJ

DES: GS

DATE: 08/24 DATE: 08/24 DATE: 08/24

DISTRICT NO 1. **ANN O'BRIEN** DISTRICT NO 2. JIM WARING DISTRICT NO 3. **DEBRA STARK** DISTRICT NO 4. LAURA PASTOR DISTRICT NO 5. **BETTY GUARDADO** DISTRICT NO 6. **KEVIN ROBINSON**

DISTRICT NO 7. CARLOS GALINDO-ELVIRA

DISTRICT NO 8. KESHA HODGE WASHINGTON

Sheet List Table

MAYOR

KATE GALLEGO

VICE MAYOR

DEBRA STARK

CITY MANAGER

JEFF BARTON

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AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS SHOWN HEREON WERE MADE UNDER MY SUPERVISION OR AS NOTED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Registered Engineer/Land Surveyor

19TH AVENUE NEAR BEHREND DRIVE CIVIL IMPROVEMENT

35TH AVENUE AND EL CAMINO DRIVE CIVIL IMPROVEMENT

Registration Number

Date

CITY BENCHMARKS:

CIVIL IMPROVEMENT PLANS

34 - 36

37 - 39

SEE SURVEY CONTROL SHEETS FOR PRIMARY AND SECONDARY CITY OF PHOENIX BENCHMARKS

QUARTER SECTIONS:

12-28, 13-28, 16-12, 16-21, 16-29, 17-12, 17-21, 17-29, 18-22, 18-23, 21-22, 21-23, 22-20, 23-20, 25-20, 25-21, 27-20, 27-21, 37-24, 37-25, 40-24, 40-25

"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF THE CONTRACTOR'S CONTRACT WITH THE CITY OF PHOENIX." T89330268-



APPROVED

ASSISTANT STREET TRANSPORTATION DIRECTOR

CAREFREE HWY

DOVE VALLEY

DIXILETA DR

LONE MOUNTAIN

DYNAMITE BLVD

HAPPY VALLEY RD

PINNACLE PK RD

LOWER BUCKEYE RE

BROADWAY RD

SOUTHERN AVE

GREENWAY RD

CACTUS RD

DUNLAP RD

DEPUTY STREET TRANSPORTATION DIRECTOR

09/11/2024 DATE

09/12/2024

CLOUD RD

DOVE VALLEY

LONE MOUNTAIN

DYNAMITE BLVD

HAPPY VALLEY RD

PINNACLE PK RD

DEER VALLEY DR

BEARDSLEY RD

DOUBLETREE

NORTHERN AVE

SOUTHERN AVE

GUADALUPE RD

43 t 27 t 19 t 16 24 24 40 40 40 56

VICINITY MAP

JOMAX RD

AREA OF DISTURBANCE = 0.800 ACRES (<1 ACRE)

RAMP AND SIGNAL IMPROVEMENTS:

PHOENIX STREET — MARICOPA CO.

FY2021 FEDERAL TAP HAWK INSTALLATION

ST89330268-1

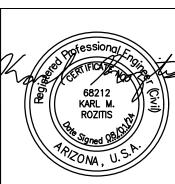
	ST89330268-1		EGE
		L	LEGE
	�	BENCHMARK	4
	A	TEMPORARY BENCHMARK	◇
	•	NEW SURVEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "B"	
	•	EXISTING SURVEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "B"	Г
	•	NEW SURVEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "A"	
		EXISTING SURVEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "A"	Γ
		NEW COMBINED CURB & GUTTER - M.A.G. DETAIL 220 TYPE "A"	\Diamond
		EXISTING COMBINED CURB & GUTTER	
		NEW CONCRETE SIDEWALK - C.O.P. STD. DETAIL P1230	
		EXISTING CONCRETE SIDEWALK	_
		NEW CONCRETE DRIVEWAY OR ALLEY ENT. PER DETAIL NO. ON PLAN	
		EXISTING CONCRETE DRIVEWAY OR ALLEY ENT. NEW CONCRETE SIDEWALK RAMP PER DETAIL ON PLANS	<u> </u>
		EXISTING CONCRETE SIDEWALK RAMP EXISTING CONCRETE SIDEWALK RAMP	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
			<u>></u>
		NEW TEMPORARY CONSTRUCTION EASEMENT	> \ > \
		NEW R/W LINE	(8)
		EXISTING R/W LINE	
		EXISTING PROPERTY LINE	(£
		EXISTING PAVEMENT CENTER LINE OR MONUMENT LINE	(E)
		NEW DECORATIVE PAVEMENT	We .
		EXISTING DECORATIVE PAVEMENT	€(
	—— C —	CUT LIMIT	چ م
	—— F ——	FILL LIMIT	٣,
		NEW BLOCK WALL	***
		EXISTING BLOCK WALL	£
	—— x ——	NEW WIRE FENCE	
	×	EXISTING WIRE FENCE	(
		EXISTING PAVEMENT	
	ME	NEW MAILBOX	
	,/MB/ /	EXISTING MAILBOX	
	lacktriangle	NEW IRRIGATION STANDPIPE - M.A.G. 503	
	(a)	EXISTING IRRIGATION STANDPIPE	
	•	NEW OR RELOCATED FIRE HYDRANT BY CONTRACTOR	
	€	EXISTING FIRE HYDRANT	
	⊗ ⊗	NEW OR RELOCATED UTILITY VALVE BY CONTRACTOR EXISTING UTILITY VALVE	PH# -
	—	NEW OR RELOCATED IRRIGATION BOX BY CONTRACTOR	
	00	EXISTING IRRIGATION BOX	
	<u>_</u>	EMOTING INITION BOX	
	\otimes	ADJUST EXISTING WATER VALVE BOX — C.O.P. STD. DETAIL P1391	
	3/4" WM	NEW WATER SERVICE W/SIZE AND WATER METER BOX	
	3/4" W	EXISTING WATER SERVICE W/SIZE AND WATER METER BOX	
	12" DIP W	NEW UTILITY LINE W/ SIZE & TYPE (12" AND SMALLER)	
	12" DIP W	EXISTING UTILITY LINE W/ SIZE & TYPE (12" AND SMALLER)	
	36" DIP W	NEW UTILITY LINE W/ SIZE & TYPE (GREATER THAN 12")	
	36 <u>" DIP</u> W	EXISTING UTILITY LINE W/ SIZE & TYPE (GREATER THAN 12")	
	M	NEW MANHOLE (UTILITY DESIGNATION IN CENTER)	
	(M)	EXISTING MANHOLE (UTILITY DESIGNATION IN CENTER)	
		NEW STORM SEWER (GREATER THAN 12")	
		EXISTING STORM SEWER OR NEW STORM SEWER SHOWN ON SEPARATE PLANS (GREATER THAN 12")	
		NEW CATCH BASIN, GUTTER INLET (LENGTH TO SCALE)	
		EXISTING CATCH BASIN, GUTTER LENGTH	
		NEW CATCH BASIN, CURB INLET (LENGTH TO SCALE)	
		EXISTING CATCH BASIN, CURB INLET	
		NEW CATCH BASIN, CURB & GUTTER INLET (LENGTH TO SCALE)	
		(22.10.11 10 00.12.)	

= EXSITING CATCH BASIN, CURB & GUTTER INLET

LE	GEND	
		EXISTING WATER VALVE W/ TOP OF OPERATING NUT ELEVATION
	•	NEW STREET OR TRAFFIC SIGN
	٥	EXISTING STREET OR TRAFFIC SIGN
	⊢ −−	NEW TRAFFIC SIGNAL POLE W/ MAST ARM & SIGNAL INDICATIONS
	<u> </u>	EXISTING TRAFFIC SIGNAL POLE W/ MAST ARM & SIGNAL INDICATIONS
	-0-	NEW OR RELOCATED UTILITY POLE W/ LINE INDICATING WIRE DIRECTION
	-0-	EXISTING UTILITY POLE W/ LINE INDICATING WIRE DIRECTION
	$ \Rightarrow$	NEW OR RELOCATED POWER POLE DOWN GUY ANCHOR
ANS	— <u> </u>	EXISTING POWER POLE DOWN GUY ANCHOR
	<u>} </u>	NEW STREET LIGHT & POLE
	<u>} </u>	EXISTING STREET LIGHT & POLE
	〉 ✓ 〉 ✓	NEW STREET LIGHT
	> \ > \	EXISTING STREET LIGHT
		EXISTING TREE OR STUMP TO BE REMOVED (GREATER THAN 12" DIA.)
		EXISTING TREE OR STUMP TO BE REMOVED 12" DIA. OR LESS (NPI)
		EXISTING TREE TO BE TRANSPLANTED BY CONTRACTOR
		EXISTING TREE TO REMAIN (GREATER THAN 12" DIA.)
		EXISTING TREE TO REMAIN (12" DIA. OR LESS)
	- ※ -	EXISTING PINE TREE
		EXISTING PALM TREE
		EXISTING LARGE SHRUB
	©	EXISTING SMALL SHURB
	S	EXISTING BUSH SAWCUT & MATCH EXISTING
		SAWCOT & WATCH EXISTING
	<u>L</u>	EXISTING STREET LIGHT POLE AND PULL BOX, PROTECT IN PLACE
	Е	EXISTING ELECTRICAL JUNCTION BOX, PROTECT IN PLACE
	Т	EXISTING TELEPHONE RISER BOX, PROTECT IN PLACE
	_··-	FLOW ARROW
F	PH# ¬ ••••••••••••••••••••••••••••••••••••	POTHOLE LOCATION

NOTES

- 1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ANY ISSUED CONTRACT ADDENDUMS, CONTRACT SPECIAL PROVISIONS AND DETAILS, PLANS, 2015 CITY OF PHOENIX SUPPLEMENTS TO MAG STANDARD SPECIFICATIONS AND DETAILS, CITY OF PHOENIX TRAFFIC SIGNAL STANDARD SPECIFICATIONS, AND 2015 MAG STANDARD SPECIFICATIONS AND DETAILS, IN THAT ORDER OF PRECEDENCE.
- 2. ALL STORM SEWER MANHOLES ARE TO BE CONSTRUCTED WITHOUT STEPS.
- 3. PIPE CONNECTIONS TO EXISTING CONCRETE PIPE MAINS SHALL BE MADE IN ACCORDANCE WITH DETAILS CALLED OUT ON THE PLANS. CONNECTION TO MAINS SHALL NOT BE CLOSER THAN 5 FEET, CENTER TO CENTER
- 4. PIPE CONNECTIONS TO NEW PRECAST CONCRETE PIPE MAINS, SHALL BE MADE WITH FACTORY MADE WYES OR TEES. THE DETAIL OF THE FITTINGS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO MANUFACTURE. PIPE CONNECTIONS TO NEW CAST IN PLACE CONCRETE PIPE MAINS SHALL BE MADE PER COP STD DTL P1576.
- 5. CATCH BASIN CONNECTOR PIPES SHALL BE LAID ON A STRAIGHT ALIGNMENT AND SLOPE UNLESS OTHERWISE SPECIFIED. IF BREAKS IN ALIGNMENT OR SLOPE ARE NECESSARY TO MEET FIELD CONDITIONS, THE MAXIMUM DEFLECTION SHALL BE 22-1/2 DEGREES. THE BEND SHALL BE COLLARED ACCORDING TO MAG STD DTL 505. ANY ANGLE BENDS GREATER THAN 22-1/2 DEGREES SHALL BE PREFABRICATED. CONNECTOR PIPES SHALL CONNECT TO CATCH BASIN WALLS AT AN ANGLE NOT TO EXCEED 22-1/2 DEGREES FROM PERPENDICULAR.
- 6. CONTRACTOR SHALL CONFIRM PIPE MATERIAL AT DESIGNATED CONNECTION POINTS PRIOR TO ORDERING FITTINGS
- 7. FACILITIES WHICH ARE NOT SPECIFICALLY LOCATED WITH ACTUAL VERTICAL AND HORIZONTAL CONTROLS ARE LOCATED ONLY APPROXIMATELY AND TO THE BEST AVAILABLE INFORMATION PROVIDED VARIOUS OWNERS OF THE FACILITIES, AND SUPPLEMENTED BY VISUAL SURFACE INFORMATION WHERE APPROPRIATE. ACCURACY, LOCATION AND COMPLETENESS OF THIS INFORMATION SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO INITIATION OF CONSTRUCTION.
- 8. EXISTING UTILITIES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- 9. AT LEAST TWO WORKING DAYS BEFORE CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ARIZONA 811 (FORMERLY BLUESTAKE) TO FIND AND FLAG UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT OTHER APPROPRIATE UTILITIES DIRECTLY AND VERIFY LOCATION INFORMATION IF THEY ARE NOT IN THE ARIZONA 811 SYSTEM OR IF ARIZONA 811 FAILS TO MARK THE UTILITIES.
- 10. VERTICAL CONTROL IS BASED ON PHOENIX DATUM NGVD-29.
- 11. UNLESS OTHERWISE NOTED, STATIONS SHOWN ON PIPE PROFILES ARE ALONG CENTERLINE OF PIPE.
- 12. UNLESS OTHERWISE NOTED, PIPE SHALL BE BEDDED IN ACCORDANCE WITH CITY OF PHOENIX DETAIL P1200.
- 13. CATCH BASINS ARE STATIONED PERPENDICULAR TO THE CONSTRUCTION CENTERLINE AND AT THE CENTERLINE OF THE CATCH BASIN.
- 14. SANITARY SEWER MAINS AND TAPS CROSSING OVER STORM DRAIN MAINS SHALL BE SUPPORTED PER MAG STD DTL 403-1, 403-2, OR 403-3.
- 15. ANY AREA OR ITEMS ALTERED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION AND LOCATION UNLESS OTHERWISE SPECIFIED.
- 16. ALL EXISTING PRECAST CONCRETE SAFETY CURBS AND ALL EXISTING WOODEN PARKING CURBS, WHICH ARE INSIDE THE RIGHT OF WAY AND APPROXIMATELY PARALLEL TO THE NEW CURB LINE, SHALL BE RESET ON THE RIGHT OF WAY DIRECTLY OPPOSITE THEIR EXISTING LOCATION, WITH THE BACK EDGE OF THE RIGHT OF WAY LINE. ALL OTHER PRECAST CONCRETE SAFETY CURBS INSIDE THE STREET RIGHT OF WAY SHALL BE SALVAGED AND STOCKPILED FOR THE OWNER AT THE RIGHT OF WAY LINE.
- 17. ALL EXISTING PRECAST CONCRETE SAFETY CURBS OUTSIDE THE RIGHT OF WAY WHICH ARE DISTURBED BY NEW CONSTRUCTION SHALL BE RESET IN THEIR ORIGINAL POSITION BY THE CONTRACTOR.
- 18. ALL EXISTING DRIVEWAYS AND ALL EXISTING ALLEYS SHALL BE GRADED TO MATCH THE NEW WORK IN ACCORDANCE WITH COP STD DTL P1164, UNLESS OTHERWISE SPECIFIED. EXISTING SURFACING SHALL BE REMOVED AND REPLACED AS NECESSARY.
- 19. UNLESS OTHERWISE PROVIDED ON THE PLANS, EXISTING AC OR PCC DRIVEWAYS AND SIDEWALKS WHICH FALL WITHIN OR ABUT THE RIGHT OF WAY SHALL BE CONNECTED TO THE NEW WORK AS FOLLOWS:
 - THE SPACE BETWEEN THE BACK OF NEW DRIVEWAY ENTRANCES AND EXISTING AC DRIVEWAYS SHALL BE FILLED WITH A MINIMUM OF 3" ACSC ON 100% COMPACTED NATIVE SOIL WHERE EXISTING PAVEMENT AND BASE THICKNESS EXCEED THE MINIMUMS, MATCH THE EXISTING.
 - THE SPACE BETWEEN BACK OF NEW SIDEWALKS AND EXISTING PRIVATE SIDEWALKS, AND THE SPACE BETWEEN THE BACK OF NEW DRIVEWAY ENTRANCES AND EXISTING PCC DRIVEWAYS SHALL BE FILLED WITH PCC. THE THICKNESS AND CLASS SHALL MATCH THAT OF THE NEW SIDEWALK OR DRIVEWAY ENTRANCE.
 - UNLESS OTHERWISE PROVIDED ON THE PLANS, THE SPACE BETWEEN THE BACK OF NEW SIDEWALK AND EXISTING AC PARKING LOTS, WHICH ARE WITHIN OR ABUT THE R/W SHALL BE FILLED WITH 2" ACSC ON 100% COMPACTED NATIVE SOIL.
- 20. EXISTING IRRIGATION BERMS DISTURBED BY NEW CONSTRUCTION SHALL BE RECONSTRUCTED AS SHOWN ON PLANS. IN THE EVENT THE PLANS DO NOT CONTAIN RECONSTRUCTION DETAILS, EXISTING IRRIGATION BERMS SHALL BE RESTORED IN THEIR ORIGINAL CONDITION AND LOCATION.
- 21. ALL CONCRETE TO BE REMOVED AND REPLACED SHALL BE SAWCUT TO THE NEAREST JOINT.
- 22. CATCH BASIN ACCESS FRAME AND COVERS SHALL BE CONSTRUCTED PER C.O.P. DETAIL P1561.
- 23. CONTRACTOR SHALL USE EXTREME CAUTION WHEN DIGGING NEAR ANY ACP WATER LINE. SHOULD THE LINE BECOME EXPOSED, THE EXPOSED LINE SHALL BE REPLACED WITH NEW DIP FROM JOINT TO JOINT AT THE CONTRACTOR'S EXPENSE.
- 24. WATER METER BOX AND COVER RELOCATIONS SHALL BE PLACED WITHIN THE COP RIGHT OF WAY. CONTRACTOR SHALL PROVIDE AT LEAST SIX (6) INCHES OF SPACE BEHIND THE WATER METER BOX TO THE RIGHT OF WAY LINE.
- 25. CONTRACTOR SHALL INFORM AND REQUEST MEETING WITH SRP / CAP / PRIVATE IRRIGATION COMPANY WHEN PERFORMING WORK WITHIN 25 FOOT OF EXISTING IRRIGATION LINES.
- 26. THE CONTRACTOR SHALL PROCEED WITH CAUTION DURING CONSTRUCTION ACTIVITIES NEAR NATURAL GAS FACILITIES. IMPROVEMENTS ARE REQUIRED TO HAVE A MINIMUM OF 1 FOOT OF SEPARATION FROM NATURAL GAS DISTRIBUTION LINES (TO PIPE EDGE) AND 2 FEET OF SEPARATION FROM NATURAL GAS HIGH—PRESSURE LINES (TO PIPE EDGE). A SOUTHWEST GAS (SWG) HIGH—PRESSURE BORE OR STANDBY MONITOR MUST BE PRESENT DURING CONSTRUCTION NEAR HIGH—PRESSURE GAS FACILITIES. THE CONTRACTOR SHALL CALL (877) 860—6020 TO SCHEDULE. GAS VALVES WITHIN CONSTRUCTION LIMITS SHALL BE PROTECTED IN PLACE AND REMAIN ACCESSIBLE DURING CONSTRUCTION.
- 27. FOR STREETLIGHT POLE AND LUMINAIRE MAST ARM REMOVALS, THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A DE-ENRGIZATION REQUEST TO THE CITY TRAFFIC SIGNAL INSPECTOR AND STREETLIGHT INSPECTOR. THE CONTRACTOR WILL COORDINATE WITH SRP AND/OR APS FOR SCHEDULING THE DE-ENERGIZATION OF THE EXISTING FACILITIES.
- 28. THE COST OF DEMOLITION, MODIFICATION, AND RESTORATION OF EXISTING LANDSCAPING AND IRRIGATION IMPROVEMENTS IS COVERED UNDER BID ITEM M4400501, UNLESS OTHERWISE STATED IN THE SPECIAL PROVISIONS AND MAG STANDARD SPECIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, WORK INVOLVING PLANTS, TREES, GRASS/SOD, ARTIFICIAL TURF, DECOMPOSED GRANITE, AND EXISTING IRRIGATION SYSTEMS, UNLESS ITEMIZED SEPARATELY ON THE PLANS.



IRR

MCHD

IRRIGATION IRRIGATION,

LP LIGHT POLE

LT LEFT

MAG MARICOPA

SEWER, DRAINAGE

LIP OF GUTTER

ASSOCIATION OF

COUNTY HIGHWAY

GOVERNMENTS

DEPARTMENT

MATCH EXISTING

MARICOPA

TR		1201 E. Jeff Suite		t.
9	ARIZ.	ST89330268-1	2	
F.H.W.A. REGION	STATE	PROJ. NO.	NO.	

102

Phoenix, AZ 85034

ICK: CJ

DATE: 08/24 DATE: 08/24 DATE: 08/24

ABBREVIATIONS

CONSULTING

	OTHERS PER	MAG STD	DTI 110-2
ABAN	ABANDONED	MOD	
AC	ASPHALTIC CONCRETE	OHE	
ACSC	AC SURFACE COURSE	P	
AER	AERIAL	PE	
AL	AREA LIGHT	PCC	
AP	ANGLE POINT	PCCP	
APN	ASSESSOR PARCEL NUMBER		
В	BEGIN	PT	
ВС	BRASS CAP	PVC	
ВСНН	BRASS CAP IN HAND HOLE	PVT	POINT OF VERTICAL TANGENCY
BCR	BEGIN CURB RETURN		
B/C		RCP	
, BFP	BACKFLOW PREVENTER	RGRCP	RUBBER GASKET REINFORCED
ВМ	BENCHMARK		CONCRETE PIPE
BOL	BOLLARD / GUARD POST	RE	ROADWAY EASEMENT
BUR	BURIED	RT	RIGHT
С	CONCRETE	R/W	RIGHT OF WAY
CIP	CAST IRON PIPE	Ś	SAWCUT
CIPP	CURED-IN-PLACE PIPE	SCPR	SCUPPER
Q.	CENTERLINE	SD	STORM DRAIN
CLF	CHAIN LINK FENCE	SDMH	STORM DRAIN MANHOLE
СМН	COMMUNICATIONS MANHOLE	SGN	SIGN
CMP	CORRUGATED METAL PIPE	SLE	SLOPE EASEMENT
СОММ	COMMUNICATION UTILITY	SS	SANITARY SEWER
COP	CITY OF PHOENIX	SSMH	SANITARY SEWER MANHOLE
CP	CONCRETE PIPE	STD	STANDARD
CV	CONTROL VALVE	STL	STEEL
DE	DRAINAGE EASEMENT	STLT	STREET LIGHT
DEL	DELINEATOR	SWE	
DIA	DIAMETER	S/W	SIDEWALK
DIP	DUCTILE IRON PIPE	Т	TELEPHONE
DNGY	DOWN GUY	TC	TOP OF CURB
DTL	DETAIL	TCE	
E	END	TE	
EC	ELECTRICAL CABINET	TMH	
EE	ELECTRICAL EASEMENT	T.N.	
EM	ELECTRICAL METER	TPED	
EMH	ELECTRICAL MANHOLE	TSC	
EP	EDGE OF PAVEMENT	TSPB	
EPB	ELECTRICAL PULL BOX	TVPB	
F	FENCE	TYP	
•	FACE OF BARRIER	UGE	
,	FACE OF CURB	UP	
FH	FIRE HYDRANT	VNAE	
FO	FIBER OPTIC	W	WATER
G	GUTTER, GAS	WBV	
GB GLM	GRADE BREAK GAS LINE MARKER	WE	WATER EASEMENT
GM	GAS METER	WM	WATER METER
GMK	GAS MARKER SIGN		WATER ASSUED BRANDOS
GRATE	STORM DRAIN GRATE	• •	WATER, SEWER, DRAINAGE
GV	GAS VALVE	WV	WATER VALVE
HH	HANDHOLE		
	HEAVY WALLED CONCRETE P	IPF	
IBX	IRRIGATION CONTROL BOX		
ICV			
IDD	IDDIOATION		



"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28
THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE
SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE
OBLIGATIONS OF YOUR CONTRACT WITH
THE CITY OF PHOENIX."

LEGEND, NOTES AND ABBREVIATIONS CITY OF PHOENIX.

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

FY2021 Federal TAP HAWK Installation

ST89330268-1

 DR:
 CB
 DES:
 CS
 CK:
 CJ
 SHEET
 TOTAL

 DATE:
 08/24
 DATE:
 08/24
 NO:
 SHEETS

 SCALE:
 N/A
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 102

RAMP AND SIGNAL IMPROVEMENTS: PHOENIX STREET - MARICOPA CO. FY2021 FEDERAL TAP HAWK INSTALLATION ST89330268-1

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REVISION BY CITY OF PHOENIX	REV BYCHK BY DATE				
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WATER GENERAL NOTES

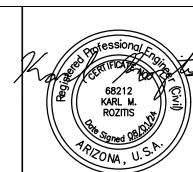
- 1. PLANNING & DEVELOPMENT DEPARTMENT'S CIVIL/SITE INSPECTION STAFF SHALL BE NOTIFIED 48 HOURS BEFORE ANY CONSTRUCTION BEGINS TELEPHONE 602-262-7811.
- 2. ALL WATER VALVE BOXES SHALL BE PER THE CITY OF PHOENIX SUPPLEMENT TO MAG SPECIFICATIONS AND DETAILS, TYPE A ONLY.
- 3. ALL CONSTRUCTION IN CITY OF PHOENIX RIGHT-OF-WAY. OR EASEMENT. IS TO CONFORM TO MAG SPECIFICATIONS AND DETAILS AND CITY OF PHOENIX SUPPLEMENT TO MAG SPECIFICATIONS AND DETAILS, UNLESS MODIFIED ON THE
- 4. ALL DUCTILE IRON PIPE WATER MAIN VALVES, FITTINGS, AND BENDS SHALL BE RESTRAINED. RESTRAINED JOINT REQUIREMENTS AND APPROVED RESTRAINING SYSTEM ARE SHOWN IN CITY OF PHOENIX SUPPLEMENT TO MAG SPECIFICATIONS, SECTION 750.3. THE LENGTH OF THE RESTRAINTS MUST BE PER MAG STANDARD DETAIL 303-1 AND 303-2. THRUST BLOCKS ARE NOT ALLOWED TO BE USED IN LIEU OF APPROVED RESTRAINED JOINT SYSTEMS. THRUST BLOCKS CAN BE USED IN ADDITION TO THE APPROVED RESTRAINED JOINT SYSTEMS WHERE A SPECIFIC CITY OF PHOENIX SUPPLEMENT TO MAG STANDARD DETAIL CALLS OUT FOR THRUST BLOCKING, SUCH AS CURRENT DETAILS, P1343, P1351, AND P1360 OR WHEN OTHERWISE APPROVED BY THE WATER SERVICES DEPARTMENT.
- 5. THE FOLLOWING MAG DETAILS ARE SPECIFICALLY NOT APPROVED:
 - 302-1 JOINT RESTRAINT WITH TIE RODS 302-2 JOINT RESTRAINT WITH TIE RODS - ANCHOR BLOCKS
 - 321 STANDARD WATER METER VAULT
 - 345-1 3", 4", AND 6" WATER METER
 - 345-2 4" AND 6" WATER METER WITH ON-SITE FIRE HYDRANTS
 - VERTICAL REALIGNMENT OF WATER MAINS
 - ANCHOR BLOCKS FOR VERTICAL BENDS
 - CURB STOP WITH FLUSHING PIPE 391-1 VALVE BOX INSTALLATION
- 6. COMPACTION SHALL COMPLY WITH MAG SECTION 601 AND CITY OF PHOENIX SUPPLEMENTS.
- 7. NEW WATER LINES ARE TO BE BUILT IN ACCORDANCE WITH THE CITY OF PHOENIX "STANDARD UTILITY LOCATIONS".
- 8. THIS SET OF PLANS HAS BEEN INITIALLY REVIEWED BY THE CITY OF PHOENIX. SUCH REVIEW IS PART OF THE PROCESS THAT DEVELOPER(S)/CONTRACTOR(S) MUST GO THROUGH IN ORDER TO OBTAIN A CONSTRUCTION PERMIT. THE RESULTS OF SUCH INITIAL REVIEW SHALL NOT DICTATE THE CITY OF PHOENIX'S FINAL DETERMINATION AS TO THE ACCEPTABILITY OF THE PLANS, NOT SHALL IT PREVENT THE CITY OF PHOENIX FROM REQUIRING ERRORS AND OMISSIONS, AS FOUND ON PLANS, BE ADDRESSED BY DEVELOPER(S)/CONTRACTOR(S), WHERE SUCH ERRORS AND OMISSIONS CAUSE THE PLANS TO BE IN VIOLATION OF OR INADEQUATE UNDER APPLICABLE FEDERAL/STATE/COUNTY/LOCAL CODES, ORDINANCES, REGULATIONS, OR OTHER LAWS. THIS REVIEWED AND STAMPED SET OF PLANS MUST BE KEPT AT THE CONSTRUCTION SITE AT ALL TIMES.
- PIPE DEFLECTION SHALL BE PER MANUFACTURERS' RECOMMENDATIONS.
- 10. ALL WORK MUST COMPLY WITH REQUIREMENTS OF THE CURRENT CITY OF PHOENIX "TRAFFIC BARRICADE MANUAL".
- 11. THE CONTRACTOR IS TO NOTIFY THE PUBLIC THAT WILL BE AFFECTED BY THE SHUTDOWNS A MINIMUM OF 48 HOURS IN ADVANCE.
- 12. A SIX (6) FOOT MINIMUM HORIZONTAL SEPARATION FROM ANY UNDERGROUND UTILITY CROSSING SHALL BE PROVIDED FOR SEWER MAINS, SEWER SERVICES, WATER MAINS, AND WATER SERVICES. THE MINIMUM HORIZONTAL SEPARATION IS MEASURED FROM OUTSIDE OF SEWER MAIN, SEWER SERVICE, WATER MAIN, OR WATER SERVICE TO OUTSIDE OF UNDERGROUND UTILITY.
- 13. A ONE (1) FOOT MINIMUM VERTICAL SEPARATION FROM ANY UNDERGROUND UTILITY CROSSING SHALL BE PROVIDED FOR SEWER MAINS, SEWER SERVICES, WATER MAINS AND WATER SERVICES. THE MINIMUM VERTICAL SEPARATION IS MEASURED FROM OUTSIDE OF SEWER MAIN. SEWER SERVICE. WATER MAIN. OR WATER SERVICE TO OUTSIDE OF DRY UNDERGROUND UTILITY.
- 14. A TWO (2) FOOT MINIMUM VERTICAL SEPARATION SHALL BE PROVIDED BETWEEN ANY SEWER MAIN AND STORM DRAIN CROSSING A WATER MAIN. THE MINIMUM VERTICAL SEPARATION IS MEASURED FROM OUTSIDE OF WATER MAIN TO OUTSIDE OF SEWER MAIN OR STORM DRAIN MAIN. SEE MAG STANDARD DETAIL 404 FOR ADDITIONAL INFORMATION AND/OR PROVISIONS FOR CLEARANCE.
- 15. EXCEPTIONS OR DEVIATIONS FROM THE ABOVE MINIMUM CLEARANCES MUST BE APPROVED AND SHOWN ON THE APPROVED WATER AND SEWER PLANS. WHEN UTILITY CONFLICTS ARE FOUND DURING CONSTRUCTION. ALL CHANGES AND REVISIONS MUST BE PRECEDED BY AN APPROVED PLAN REVISION.
- 16. ANY AND ALL MORE STRINGENT REQUIREMENTS REQUIRED BY FEDERAL, STATE. COUNTY, OR LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- 17. WATER SERVICES SHALL BE INSTALLED PERPENDICULAR TO THE WATER MAIN. WATER SERVICES AT THE END OF CUL-DE-SACS MAY VARY AS NECESSARY, BUT WILL APPROVED ON A CASE BY CASE BASIS.
- 18. ALL SERVICES SHALL RUN IN A STRAIGHT LINE FROM THE WATER MAIN TO THE
- 19. NEITHER WATER SERVICE METER BOX NOR ANY PORTION OF A WATER SERVICE SHALL BE INSTALLED UNDER AN EXISTING OR PROPOSED DRIVEWAY OR SIDEWALK
- 20. CONCRETE OR ASPHALT DAMAGED DURING THE COURSE OF CONSTRUCTION SHALL BE REMOVED AND REPLACED IN KIND PRIOR TO FINAL INSPECTION.
- 21. RECORD DRAWING SUBMITTALS MUST COMPLY PER THE WATER SERVICES DEPARTMENT ENGINEERING POLICY P-68. A COPY OF THE POLICY CAN BE OBTAINED IN THE DEPARTMENT'S WEBSITE: HTTP://PHOENIX.GOV/WATERSERVICES/DESIGN/ENGPOLICIES/INDEX.HTML
- 22. IN ACCORDANCE WITH AAC R-18-4-213, ALL MATERIALS ADDED AFTER JANUARY 1993 WHICH MAY COME INTO CONTACT WITH DRINKING WATER SHALL CONFORM TO NATIONAL SANITATION FOUNDATION STANDARDS 60 AND 61.

WATER GENERAL NOTES (CONT.)

- 23. PER CITY OF PHOENIX ORDINANCE G-4396, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED FOR THE CONSTRUCTION OF THE PUBLIC WORKS FACILITIES SHOWN HEREON. THE PROJECT OWNER, AND THE OWNER'S LENDERS, CONSULTANTS, CONTRACTORS AND SUBCONTRACTORS ARE PROHIBITED FROM DISCLOSING THE PLANS AND SPECIFICATIONS TO ANY PERSONS OTHER THAN THOSE WHO HAVE A NEED TO KNOW THE INFORMATION FOR THE PURPOSE OF THE PROJECT.
- 24. A PAVEMENT CUT SURCHARGE SHALL BE ASSESSED ON THIS PROJECT FOR ANY TRENCHING OR POTHOLING IN NEW ASPHALT PAVEMENT THAT IS LESS THAN 30 MONTHS OLD. SURCHARGE FEES ASSESSED ARE IN ADDITION TO THE REGULAR PERMIT FEES AND ARE OVER AND ABOVE ANY SPECIAL BACKFILL, COMPACTION, AND PAVEMENT REPLACEMENT STIPULATIONS THAT MAY BE IMPOSED AS A CONDITION OF PERMITTING. PAVEMENT CUT SURCHARGE FEES ARE ASSESSED IN ACCORDANCE WITH SECTION 31-38 OF THE PHOENIX CITY CODE.
- 25. PLAN APPROVAL IS VALID FOR 180 DAYS. PRIOR TO PLAN APPROVAL EXPIRATION. ALL ASSOCIATED PERMITS SHALL BE PURCHASED OR THE PLANS SHALL BE RESUBMITTED FOR EXTENSION OF PLAN APPROVAL. THE EXPIRATION, EXTENSION, AND REINSTATEMENT OF CIVIL ENGINEERING PLANS AND PERMITS SHALL FOLLOW THE SAME GUIDELINES AS THOSE INDICATED IN THE PHOENIX BUILDING CONSTRUCTION CODE ADMINISTRATIVE PROVISIONS SECTION 105.3 FOR BUILDING
- 26. THE CONTRACTOR SHALL REMOVE, SALVAGE, AND DELIVER TO THE CITY OF PHOENIX WATER YARD ALL EXISTING FIRE HYDRANT ASSEMBLIES (BARREL PORTION ONLY) TO 4436 N. 35TH AVENUE. CONTACT SUPPORT SERVICES AT 602-262-5077 FOR ADDITIONAL INFORMATION.

STORMWATER MANAGEMENT NOTES

- 1. CONTRACTOR IS EXPECTED TO COMPLY WITH PHOENIX CITY CODE 32C.
- 2. INCLUDE A WRITTEN STATEMENT TO REMOVE AND DISPOSE OF TEMPORARY CONSTRUCTION CONTROLS/BEST MANAGEMENT PRACTICES (BMPs).



TD A CE 1201 F. Lefferson St								
9	ARIZ.	ST89330268-1	3	102				
F.H.W.A. REGION	STATE	PROJ. NO.	NO.	TOTAL				

CONSULTING

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

DR:CB DES:GS CK:CJ	
DATE: 08/24 DATE: 08/24 DATE: 08/24	



PER CITY OF PHOENIX CITY CODE CHAPTER 2. SECTION $2\!-\!28$ THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

WATER GENERAL NOTES

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

FY2021 Federal TAP HAWK Installation

ST89330268-1

3109330200-1								
DR: CB	DES: GS	CK: CJ	SHEET	TOTAL				
DATE:08/24	DATE: 08/24	DATE: 08/24	NO:	SHEETS				
SCALE: N/A			3	102				

RAMP AND SIGNAL IMPROVEMENTS:

PHOENIX STREET - MARICOPA CO.

FY2021 FEDERAL TAP HAWK INSTALLATION

ST89330268-1

APPROXIMATE PROJECT QUANTITIES

	<u>APPROXIMATE PROJ</u>	JECT _	QUAN	<u> </u>	<u>5</u>										
ITEM	BID NO. DESCRIPTION		SITE 01	SITE 02	SITE 03	SITE 04	SITE 05	SITE 06	SITE 07	SITE 08	SITE 09	SITE 10	SITE 11	SITE 12	TOTAL
1	E699200 ALLOWANCE FOR STORMWATER POLLUTION PREVENTION BEST MANAGEMENT PRACTICE (BMP'S) (12 LOCATIONS) M1042006 ALLOWANCE FOR UNFORESEEN CONDITIONS (12 LOCATIONS)	JOB JOB	 	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	 	<u> </u>	 -	<u> </u>	1
3	M1042006 ALLOWANCE FOR UNITORESLEN CONDITIONS (12 LOCATIONS) M1058001 CONSTRUCTION SURVEYING AND LAYOUT (12 LOCATIONS)	LS	 	<u> </u>	<u> </u>	<u> </u>		_		<u> </u>	 	 	 	<u> </u>	1
4	M3210100 ASPHALT CONCRETE SURFACE COURSE, TYPE D 1/2 FOR DRIVEWAY, SIDEWALK AND PARKING LOT CONNECTIONS		1	_	_	_	_	_	_	_	 	_	<u> </u>	_	1
5	M3360120 ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT, TYPE D-1/2, 2" THICK	SY	24	11	10	19	9	34	72	48	24	9	40	28	328
6	M3360260 ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT, TYPE C-3/4, 6" THICK	SY	_	_	_	_	_	_	_	_	3	_	_	_	3
7	M3360270 ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT, TYPE C-3/4, 7" THICK	SY	24	11	10	19	9	34	72	48	21	9	40	28	325
8	M3370103 CRACK SEAL AND MICROSEAL	SY	1389	998	1330	1356	982	1648	1762	1688	1478	947	1568	1479	16,62
9	M3400000 CONSTRUCT CONCRETE MEDIAN NOSE TRANSITION PER MAG STD DTL 223	SF	 -	<u> </u>	-	710	<u> </u>	<u> </u>	_	21	 -	 -	 	82	103
11	M3400005 DECORATIVE CONCRETE PAVERS M3400240 CONSTRUCT CONCRETE VALLEY GUTTER PER MAG STD DTL 240	SF SF	+ =	<u> </u>	<u> </u>	318	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	 		318 157
12	M3402244 CONCRETE HEADER PER PLANS	LF	 			33					137	 	 	<u> </u>	33
13	M3400400 CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 (4" THICK)	SF	118	48	327	198	103	783	1421	478	102	319	54	20	3,97
14	M3400409 CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 MODIFIED (9" THICK), CLASS A CONCRETE	SF	_	_	_	_	_	_	_	_	103	_	_	_	103
15	M3400415 TRUNCATED DOMES FOR SIDEWALK RAMPS, PER COP STD DTL P1232	SF	34	20	30	38	24	42	46	46	30	20	54	64	448
16	M3400488A CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-1, (9" THICK))	SF	_	_	_	_	_	_	710	403		_		_	1,113
17	M3400488B CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-2, (9" THICK))	SF	<u> </u>		<u> </u>	82		754		<u> </u>	121		<u> </u>	_	957
18	M3400488C CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-3, (9" THICK))	SF SF	386	<u> </u>	251	105	<u> </u>	_	497	288	100	 -	425	175	1,952
20	M3400488D CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-5, (9" THICK)) M3400488E CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 238-1, (4" THICK))	SF SF	236	<u> </u>	138	123	142	<u> </u>	<u> </u>	135	199	232	262	135	731 1,380
21	M3400488F CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 238-1, (4 THICK))	SF			130	125	1 1 2				+		 	123	123
22	M3400488G CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 238-2, (4" THICK))	SF	 	_	_	_	_	_	_	_	 	136	_	46	182
23	M3400488H CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 238-2, (9" THICK))	SF	<u> </u>	_	_	_	167	_	<u> </u>	_	<u> </u>	_	<u> </u>	_	167
24	M3400488J CONCRETE CURB RAMP, (CONSTRUCT CONCRETE CURB RAMP PER COP STD DTL P1241-1, (4" THICK))	SF			_	_	_	235	_	_			_	_	235
25	M3400555 CONCRETE DRIVEWAY ENTRANCE, COP STD DTL P1255-1	SF	_	_	_	_	_	_	_	_	_	_	137	_	137
26	M3402201 CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE "A", H=6"	LF	64	47	42	78	42	143	207	134	100	42	114	53	1,066
27	M3402202 CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE "A", H=4"	LF	37	<u> </u>	2	 -	-	-	64	39	42	+ -	50	36	270
28 29	M3450050 ADJUST EXISTING FRAMES, COVERS, VALVE BOXES ON EXISTING NON-CITY UTILITIES, CONTINGENT ITEM M3453001 ADJUST EXISTING WATER VALVE FRAME AND COVER PER COP STD DTL P1391, TYPE 'A'	EA EA	<u> </u>	<u> </u>	3	1	<u> </u>	 3	1	2	 	<u> </u>	 	<u> </u>	8
3∩	M3453007 REPLACE EXISTING WATER VALVE FRAME AND COVER PER COP STD DTL PT391, TYPE A M3453007 REPLACE EXISTING ELECTRIC BOX & COVER W/ TRAFFIC RATED BOX & COVER, ADJUST TO GRADE	EA EA	 	 		 	<u> </u>	+ -	 	1	-	+		<u> </u>	1
31	M3453015 ADJUST EXISTING FIRE HYDRANTS	EA	 _	_	_	_	_	_	1	 '	 	+	 _ 	_	
32	M3454100 ADJUST EXISTING FIRE THERMITS M3454100 ADJUST EXISTING ELECTRIC JUNCTION BOX TO GRADE	EA	† <u> </u>	_	_	1	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	_	1
33	M3500010 REMOVE EXISTING CONCRETE SINGLE CURB, CURB AND GUTTER, ROLL CURB	LF	101	47	65	79	42	144	390	137	101	42	166	98	1,412
34	M3500020 REMOVE EXISTING CONCRETE SIDEWALK, MEDIAN NOSE, VALLEY GUTTER, & SLABS	SF	510	280	661	553	234	1871	1282	1365	727	771	763	278	9,295
35	M3500025 REMOVE EXISTING CONCRETE PAVERS AND BASE SLAB	SF		_	_	332	_		68	_				_	400
36	M3500036 REMOVE CATCH BASIN	EA	<u> </u>			_	_		_		2			<u> </u>	2
37 38	M3500040 REMOVE EXISTING PIPE, BACKFILL & COMPACT M3500108 REMOVE EXISTING CONCRETE WALL	LF LF	11	<u> </u>	_	_	_	_	_	_	10	 -	-	30	51 8
<u> 30</u> 39	M3500106 REMOVE EXISTING CONCRETE WALL M3500150 REMOVE EXISTING TREE (>12" DIAMETER)	EA	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	 		0	_	1
40	M3500312 MISCELLANEOUS REMOVALS AND OTHER WORK (12 LOCATIONS)	JOB	 '					_	_			+		<u> </u>	1
41	M3500400 OBLITERATE EXISTING PAVEMENT MARKINGS (12 LOCATIONS)	JOB	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	_	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	1
42	M3500402 REMOVE EXISTING STREETLIGHT MAST ARM & LUMINAIRE ONLY & RETURN TO COP	EA	_	_	1	_	_	_	_	_	<u> </u>	<u> </u>	_		1
43	M3500403 REMOVE EXISTING STREETLIGHT (INCLUDING FOUNDATION & RETURN TO COP)	EA	1	_	_	1	1	_	_	1	1	1	_	_	6
44	M3500404 EXISTING STREETLIGHT/LUMINAIRE DE-ENERGIZATION COORDINATION	LS		_	_	_	_	_	_	_				_	1
45	M3513303 TRAFFIC SIGNAL CONDUCTORS (12 LOCATIONS)	LS		_	_	_	_	_	_	_				_	1
46	M4011903 TRAFFIC CONTROL DEVICES (12 LOCATIONS) M4013000 ALLOWANCE FOR UNIFORMED, OFF-DUTY LAW ENFORCEMENT OFFICER (12 LOCATIONS)	LS JOB	 -	-	-	_	-	_	_	-	 -		-	-	1 1
47 48	M4304000 DECOMPOSED GRANITE, 3/4" MINUS FOR GENERAL LANDSCAPE	CY	 	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		 	12	<u> </u>		26
49	M4400501 LANDSCAPE AND IRRIGATION RESTORATION (12 LOCATIONS)	LS	 _	<u> </u>	<u> </u>	<u> </u>	_	_	_	_	 	_	 	_	1
50	M4711000 1" SCH 40 PVC CONDUIT	LF	6	6	4	4	6	6	6	11	5	11	9	6	80
51	M4711001 2" SCH 40 PVC CONDUIT	LF	70	170	60	70	75	80	145	150	45	90	70	30	1,055
52	M4711003 2 1/2" SCH 40 PVC CONDUIT	LF	605	350	400	300	370	390	605	495	730	435	345	305	5,330
53	M4712003 TRAFFIC SIGNAL, NO. 7 JUNCTION BOX	EA	3	2	2	2	2	2	2	2	2	2	2	2	25
54	M4712004 TRAFFIC SIGNAL, NO. 4 JUNCTION BOX	EA	1	_	_	_	_	_	_	<u> </u>	 	<u> </u>	<u> </u>	_	1 1
55	M4722004A FOUNDATION FOR TYPE AP POLE M4722007A FOUNDATION FOR TYPE GP POLE	EA FA	 -	<u> </u>	-	_	-	<u> </u>	<u> </u>	-	1	-	1 1	1	3
57	M4722010A FOUNDATION FOR TIPE GF FOLE M4722010A FOUNDATION FOR TYPE LP POLE	EA	+ -	<u> </u>	1 1	1	_		1		+	+	-	-	1 4
 58	M4722013A FOUNDATION FOR TYPE P45 POLE	EA	1	_	<u> </u>	<u>'</u>	2	_	<u> </u>	_	 	1	-	_	4
59	M4722016A FOUNDATION FOR TYPE P70 POLE	EA	1	1	1	1	<u> </u>	1	1	2	1	1	1	1	12
60	M4724002 FOUNDATION FOR POWER PEDESTAL TYPE 'B'	EA	1	1	1	1	1	1	1	1	1	1	1	1	12
61	M4724004 FOUNDATION FOR TRAFFIC SIGNAL CONTROLLER CABINET	EA	1	1	1	1	1	1	1	1	1	1	1	1	12
62	M4732002 APS PEDESTRIAN PUSH BUTTON	EA	2	2	2	2	2	2	2	2	2	2	2	2	24
63	M4741020 COP LUMINAIRE MAST ARM	EA	3	2	3	3	2	3	3	4	2	2	4	2	33
64	M4741024 5' RISER WITH SINGLE LUMINAIRE MAST ARM SHOES AT 00 DEC ORIENTATION	EA	1 1	 -	<u> </u>	1	1	 -	-	 -	 -	+ 1	<u> </u>	1	5
65 66	M4741025 5' RISER DUAL LUMINAIRE MAST ARM SHOES AT 90 DEG ORIENTATION M4741030 20' RISER WITH SINGLE LUMINAIRE MAST ARM SHOE	EA EA	<u> </u>	<u> </u>	1 1	+ =	<u>-</u> 1	<u> </u>	7		 	<u> </u>	1 1	<u> </u>	7
67	M4741030 20 RISER WITH SINGLE LUMINAIRE MAST ARM SHOE M4741031 20' RISER DUAL LUMINAIRE MAST ARM SHOES AT 90 DEG ORIENTATION	EA EA	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	1	-	<u> </u>	1	_	6
68	M4741034 TYPE AP POLE - 15'	EA	 	 	 	 	 	<u> </u>	<u> </u>	 '	1	 _	1	1	3
69	M4741035 TYPE BP POLE IN SIDEWALK	EA	_	_	_	_	_	_	1	_	_	_	_	1	2
70	M4741037 TYPE GP POLE	EA	_	1	_		_	1	1	_		_	_	_	3
71	M4741038 TYPE LP POLE	EA	_	_	1	1	_	_	1	_	_		1 1	_	4
72	M4741039 TYPE P45 POLE	EA	1 1	<u> </u>	<u> </u>	<u> </u>	2	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1 1	<u> </u>	<u> </u>	4
73 74	M4741041 TYPE P70 POLE M4741044 30' PRIMARY MAST ARM FOR P45 POLE (M30P45)	EA EA	1 1	1 1	1 1 <u> </u>	1	<u> </u>	1	1 1 <u> </u>	2	1 1	1 1	1 _	1 _	12
75	M4741044 30 PRIMARY MAST ARM FOR P43 POLE (M30P43) M4741047 40' PRIMARY MAST ARM FOR P70 POLE (M40P70)	EA EA	1	 	 	+ -		-	<u> </u>	2	 	+			3
76	M4741048 55' PRIMARY MAST ARM FOR P70 POLE (M55P70)	EA	_	1	1	1	_	1	1	_	1	1	1	1	9
77	M4741050 5' MAST ARM EXTENSION FOR P45/P70 POLE (E5)	EA	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	<u> </u>	1	1	 		_	2
78	M4741051 10' MAST ARM EXTENSION FOR P45/P70 POLE (E10)	EA	2	1			2			1		_		1	7
79	M4741052 15' MAST ARM EXTENSION FOR P45/P70 POLE (E15)	EA	_		1	1	_	1	1	_			1		5
80	M4741053 DAMPER	EA	2	1	1	1	2	1	1	2	1 1	2	1 1	1	16
81	M4751002 TYPE 'B' ELECTRICAL POWER SERVICE PEDESTAL WITH BATTERY BACKUP	EA	1 1	1 1	1 1	1	1 1	1 1	1	1 1	1 1	1 1	1	1	12
82	M4751003 TRAFFIC SIGNAL CONTROLLER CABINET	EA	1 1	1	1 1	1 2	1	1 1	1 2	1	1 2	1	1 2	1	12
83 84	M4761009 PEDESTRIAN SIGNAL HEAD, LED M4761010 TYPE T — 3 SECTION 12" HAWK SIGNAL HEAD	EA EA	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2	2	24
85	M4761010 TYPE T - 3 SECTION 12 HAWK SIGNAL HEAD M4761011 TYPE T1 - 3 SECTION 12" HAWK SIGNAL HEAD	EA EA	7	5	6	6	5	6	6	8	6	6	6	6	73
86	M4771001 LED TRAFFIC SIGNAL LUMINAIRE	EA	3	2	3	3	2	3	3	4	2	2	4	2	33
87	M4794001 MISCELLANEOUS REMOVAL OF INCIDENTAL TRAFFIC ITEMS (12 LOCATIONS)	LS	<u> </u>	<u>L</u> –	_	<u>L</u> –	_	_	_	<u> </u>	<u> </u>		_	_	1
88	M5051480 CONCRETE CATCH BASIN, TYPE "B", MAG STD DTL 531	EA		-			_		_		1 1	<u> </u>	<u> </u>		1
90	MEGETESA CONCRETE CATCH BASIN TYPE "M" COD SUDD STD DTI D1560 1	I	1	1	1	1	1	1	1	1	1 4			1	1 4

M5051524 CONCRETE CATCH BASIN, TYPE "M", COP SUPP STD DTL P1569-1



 F.H.W.A. REGION
 STATE
 PROJ. NO.

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 ARIZ.
 ST89330268-1

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

NO. TOTAL

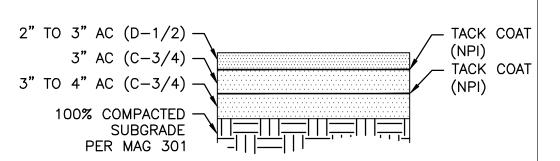
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::CB	DES: GS	CK: CJ
TE:08/24	DATE: 08/24	DATE:08/24
·		

APPROXIMATE PROJECT QUANTITIES (BY CITY FORCES)

ITEM	BID NO.	DESCRIPTION	TOTAL
109		SIGNAGE	(WORK TO BE PERFORMED BY CITY)
110		PAVEMENT MARKING	(WORK TO BE PERFORMED BY CITY)



ARTERIAL STREET: 9" AC ON 100% COMPACTED SUBGRADE COLLECTOR STREET: 8" AC ON 100% COMPACTED SUBGRADE PARKING LOTS: 3" AC (D-1/2) ON 100% COMPACTED SUBGRADE

STRUCTURAL SECTION NO. 1

STRUCTURAL SECTION NO. 1 IS TO BE USED FOR BIDDING PURPOSES ONLY, EXCEPT AS DESCRIBED BELOW. THE CONTRACTOR SHALL MATCH THE EXISTING PAVEMENT SECTION FOR CONSTRUCTION. IN CASES WHERE THE EXISTING PAVEMENT SECTION IS LESS THAN THE DESCRIBED PAVEMENT THICKNESSES IN STRUCTURAL SECTION NO. 1, THE CONTRACTOR WILL USE THICKNESSES DESCRIBED IN STRUCTURAL SECTION NO. 1



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THE CITY OF PHOENIX."

QUANTITY SUMMARY & DETAILS

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

FY2021 Federal TAP HAWK Installation

ST89330268-1

DR: CB	DES: GS	CK: CJ	SHEET	TOTAL
DATE:08/24	DATE: 08/24	DATE: 08/24	NO:	SHEETS
SCALE: NI/A			1	102

RAMP AND SIGNAL IMPROVEMENTS:

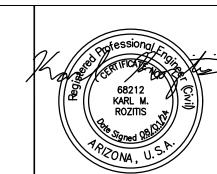
PHOENIX STREET — MARICOPA CO.

FY2021 FEDERAL TAP HAWK INSTALLATION

ST89330268-1

APPROXIMATE PROJECT QUANTITIES (CONTINUED)

						`										
ITEM	BID NO.	DESCRIPTION	UNIT	SITE 01	SITE 02	SITE 03	SITE 04	SITE 05	SITE 06	SITE 07	SITE 08	SITE 09	SITE 10	SITE 11	SITE 12	TOTAL
90	M6101204	CONNECTION TO EXISTING 4" WATERLINE	EA	_	_	_	_	_	_	_	_	_	_	_	3	3
91	M6101206	CONNECTION TO EXISTING 6" WATERLINE	EA	_	_	_	_	_	_	_	_	_	_	_	2	2
92	M6101806	RELOCATE EXISTING WATER METER, BOX, AND COVER PER COP STD DTL P1342 W/ NEW TAP TO MAIN	EA	_	_	_	_	_	1	_	_	_	_	_	_	1
93	M6101850	ALLOWANCE FOR EXCESS DUCTILE IRON FITTING, FURNISH AND INSTALL (12 LOCATIONS)	JOB	_	_	_	_	_	_	_	_	_	_	_	_	1
94	M6104004	4" DUCTILE IRON WATER PIPE & FITTINGS, RESTRAINED, FURNISH & INSTALL	LF	_	_	_	_	_	_	_	_	_	_	_	3	3
95	M6104006	6" DUCTILE IRON WATER PIPE & FITTINGS, RESTRAINED, FURNISH & INSTALL	LF	_	_	_	_	_	_	_	2	_	_	_	30	32
96	M6104304	CUTTING AND PLUGGING EXISTING WATER LINE, 2" - 4"	EA	_	_		_			_		_	_	_	2	2
97	M6106001	REMOVE EXISTING VALVE BOX & COVER	EA	_	_		_	_		_		_	_	_	3	3
98	M6108006	FIRE HYDRANT FURNISHED BY THE CITY OF PHOENIX, INSTALL	EA	1	_		_			_	1	_	_	_		2
99	M6108007	FIRE HYDRANT, SALVAGE & DELIVER TO THE CITY OF PHOENIX	EA	1	_	_	_	_	_	_	1	_	_	_	_	2
100	М6180506	CONCRETE PIPE COLLAR FOR 24" PIPE AND LARGER, COP SUPP. STD. DETAIL P1505	EA	_			_	_	_	_	_	2	_		_	2
101	М6180507	CONCRETE PIPE COLLAR FOR PIPE SMALLER THAN 24", COP SUPP. STD. DETAIL P1505	EA			_	_	_	_	_	_	1	_	_	_	, 1
102	M6181015	15" STORM SEWER PIPE	LF	_	_		_	_	_	_	_	10	_		_	10
103	M6180030	30" STORM SEWER PIPE	LF	_	_		_		_			10			_	10
104	M6303104	4" VALVE, FLG. X MJ, BOX AND COVER, FURNISH & INSTALL	EA	_	_		_								1	1
105	M6303106	6" VALVE, FLG. X MJ, BOX AND COVER, FURNISH & INSTALL	EA	_				_		_		_	_	_	2	2
106	M6309065	DEBRIS CAP INCLUDING LOCATOR COIL, FURNISHED BY CITY OF PHOENIX, INSTALL	EA	_	_	_		_	_	_	_	_	_	_	_	20
107	М9011001	WIRELESS NETWORK RADIO	EA	1	1	1	1	1	1	1	1	1	1	1	1	12
108	М9021001	PTZ CCTV	EA	1	1	1	1	1	1	1	1	1	1	1	1	12



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	g	ARIZ.	ST89330268-1	5	102
	F.H.W.A. REGION	STATE	PROJ. NO.	NO.	TOTAL

CONSULTING

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

DR:CB	DES:GS	CK: CJ
DATE: 08/24	DATE: 08/24	DATE: 08/24



"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

QUANTITY SUMMARY

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

FY2021 Federal TAP HAWK Installation

ST89330268-1

	• • • • • •			
DR: CB	DES: GS	CK: CJ	SHEET	TOTAL
DATE:08/24	DATE: 08/24	DATE: 08/24	NO:	SHEETS
SCALE: N/A			5	102

RAMP AND SIGNAL IMPROVEMENTS:

PHOENIX STREET - MARICOPA CO.

FY2021 FEDERAL TAP HAWK INSTALLATION

ST89330268-1

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REVISION BY CITY OF PHOENIX	DESCRIPTION			
	S			

UTILITY RELOCATION BY OTHERS

		· · · · · · · · · · · · · · · · · · ·
LOCATION	UTILITY OWNER(S)	RELOCATION TYPE
SITE 01	_	_
SITE 02	LUMEN	UNDERGROUND RELOCATE
SITE 03	_	_
SITE 04	_	_
SITE 05	APS	UNDERGROUND RELOCATE
SITE 06	APS	UNDERGROUND RELOCATE
SITE 07	_	_
SITE 08	SRP	OVERHEAD RE-ATTACHMENT
SITE 09	LUMEN	UNDERGROUND RELOCATE
SITE 10	_	_
SITE 11	_	-
SITE 12	_	-



 F.H.W.A. REGION
 STATE
 PROJ. NO.
 NO.
 TOTAL

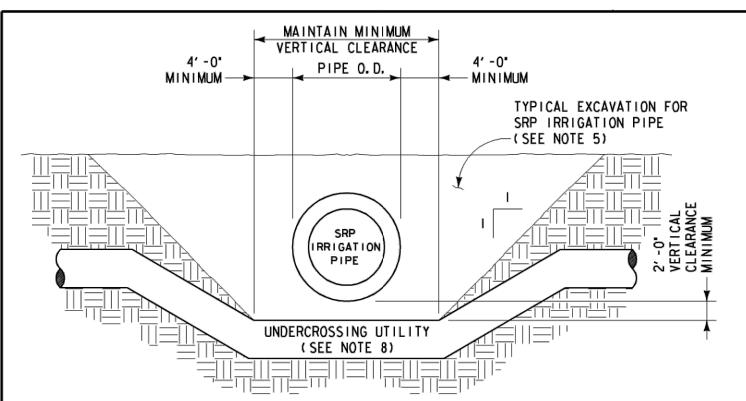
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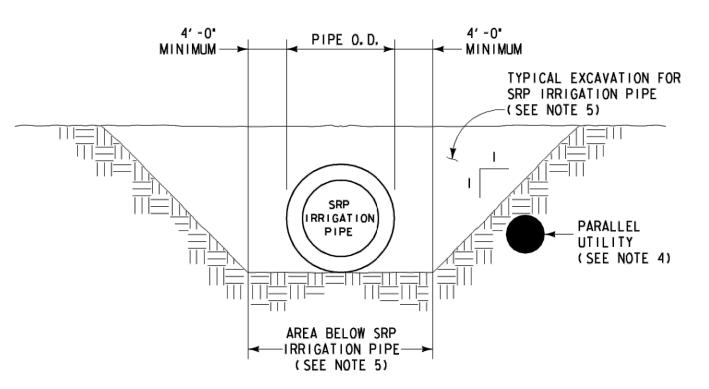
Suite 3 Phoenix, AZ 85034

1201 E. Jefferson St.

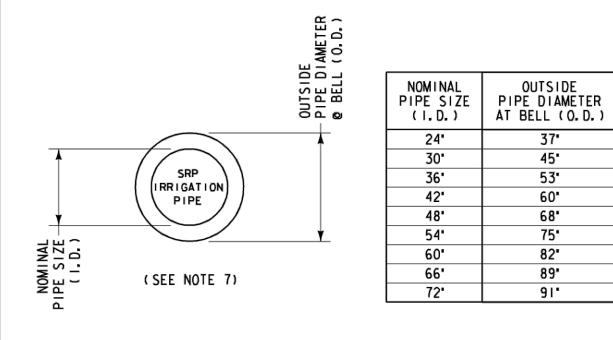
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DATE:08/24	DATE:08/24	DATE:08/24



PIPELINE - UNDERCROSSING



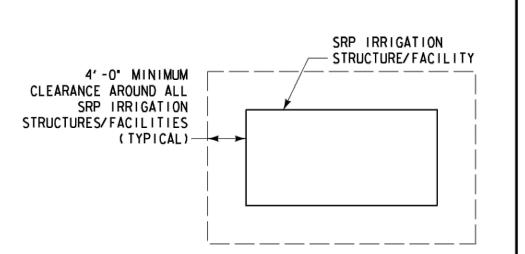
PIPELINE - PARALLEL UTILITY



OUTSIDE DIAMETER SRP IRRIGATION PIPE

NOTES

- I. OVERCROSSINGS OF SRP IRRIGATION PIPE ARE REVIEWED ON A CASE-BY-CASE BASIS. EXCEPT FOR THOSE CASES SPECIFICALLY IDENTIFIED BELOW. OVERCROSSINGS ARE TYPICALLY NOT ALLOWED.
- MAINTAIN MINIMUM 12' CLEARANCE BETWEEN SRP IRRIGATION PIPE AND OVERCROSSING ELECTRICAL CABLE/CONDUIT (1' DIA, OR LESS).
- 3. MAINTAIN MINIMUM 12' CLEARANCE BETWEEN SRP IRRIGATION PIPE AND CLOSEST POINT OF OVERCROSSING SCUPPER, SCUPPER SHALL CONFORM TO MAG STANDARD DETAIL 203 OR 206,
- 4. UTILITIES PARALLEL TO SRP IRRIGATION PIPE ARE REVIEWED ON A CASE-BY-CASE BASIS. LOCATE PARALLEL UTILITY OUTSIDE OF AREA SRP EXCAVATES WHEN MAINTAINING IRRIGATION PIPE, OR 4'-O' BEYOND THE SIDE OF THE OUTSIDE BELL DIAMETER OF THE SRP IRRIGATION PIPE, WHICHEVER IS GREATER, TYPICAL EXCAVATION INCLUDES AREA ABOVE AND TO EACH SIDE OF SRP IRRIGATION PIPE. SIDE EXCAVATION INCLUDES AREA ABOVE A LINE EXTENDING UPWARD AND OUTWARD AT A ONE-TO-ONE SLOPE FROM A POINT LEVEL WITH THE BOTTOM OF AND 4'-O' BEYOND THE SIDE OF THE OUTSIDE BELL DIAMETER OF THE SRP IRRIGATION PIPE.
- 5. OTHER UTILITIES NOT PERMITTED IN THESE AREAS.
- 6. CLEARANCE IS MEASURED FROM OUTSIDE BELL DIAMETER OF SRP IRRIGATION PIPE, OUTSIDE BELL DIAMETER IS SIGNIFICANTLY LARGER THAN NOMINAL PIPE SIZE (INSIDE DIAMETER) NOTED ON PLAN/PROFILE DRAWINGS. SEE TABLE FOR NOMINAL PIPE SIZES AND OUTSIDE BELL DIAMETERS.
- 7. SPECIFIED CLEARANCES ARE FOR USE WITH RUBBER GASKETED REINFORCED CONCRETE PIPE (RGRCP) UP TO AND INCLUDING 72' NOMINAL PIPE SIZE. GREATER CLEARANCE OR REPLACEMENT IS REQUIRED FOR LARGER DIAMETER RGRCP. CAST-IN-PLACE PIPE (CIPP) AND NON-REINFORCED CONCRETE PIPE.
- 8. ASSURE CONTINUOUS SUPPORT AND PROTECTION OF SRP IRRIGATION PIPE. DAMAGE TO SRP IRRIGATION PIPE/SYSTEM WILL BE REPAIRED BY SRP. ALL DIRECT AND INDIRECT COSTS SHALL BE BORNE BY OTHER UTILITY/LICENSEE.
- 9. TRENCH BACKFILL COMPACTION SHALL BE MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) TYPE I OR TYPE III, EXCEPT THAT 95 % COMPACTION SHALL BE REQUIRED FROM I'-O ABOVE TOP OF PIPE TO BOTTOM OF TRENCH. WATER CONSOLIDATION IS NOT PERMITTED.
- IO. COMPLY WITH MAG UNIFORM STANDARD SPECIFICATIONS AND STANDARD DETAILS UNLESS OTHERWISE NOTED IN PROJECT SPECIFIC SRP DOCUMENTS, MOST STRINGENT REQUIREMENTS SHALL APPLY UNLESS SPECIFICALLY NOTED OTHERWISE IN SRP DOCUMENTS.
- II. COMPLY WITH ALL APPLICABLE STATUTES, ORDINANCES AND REGULATIONS INCLUDING BLUE STAKE LAW (A.R.S. SEC. 40-360-21 ET SEQ.).
- 12. THESE GUIDELINES ARE PROVIDED AS A GENERAL AID TO PLANNING.
 ACTUAL SRP REQUIREMENTS MAY VARY BASED ON SITE-SPECIFIC
 CONDITIONS, OPERATIONAL CONSIDERATIONS, ETC.
- 13. AN SRP LICENSE IS REQUIRED FOR UTILITIES CROSSING/PARALLEL TO SRP IRRIGATION PIPE IN SRP RIGHT-OF-WAY. SRP REQUIRES ENGINEER DESIGNED UTILITY CROSSING/LOCATION AND EXCAVATION
- 14. NOTIFY SRP INSPECTOR A MINIMUM OF 72 HOURS BEFORE STARTING CONSTRUCTION IN OR AROUND SRP IRRIGATION FACILITIES. AN IRRIGATION OUTAGE AGREEMENT MUST BE COMPLETED BY THE CONTRACTOR IF A DRY-UP OF ANY PART OF THE IRRIGATION SYSTEM WILL BE NECESSARY DURING CONSTRUCTION. ISSUANCE OF A LICENSE DOES NOT PROVIDE FOR A CONSTRUCTION DRY-UP.



IRRIGATION STRUCTURE/FACILITY CLEARANCE



DETAIL PROVIDED BY SRP - FOR REFERENCE ONLY

"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28
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OBLIGATIONS OF YOUR CONTRACT WITH

SRP UNDERGROUND DETAIL &
OTHER UTILITIES

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

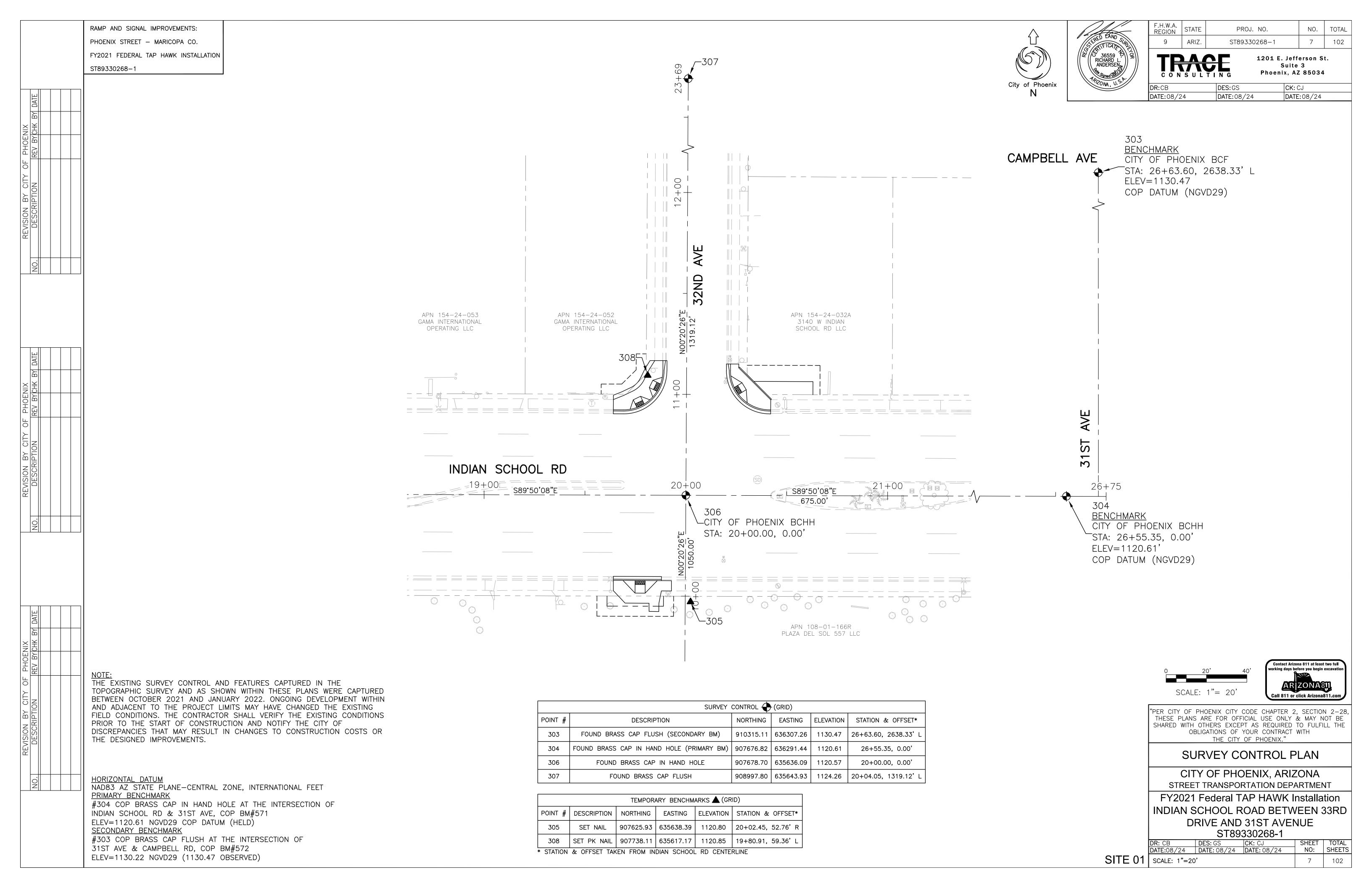
FY2021 Federal TAP HAWK Installation

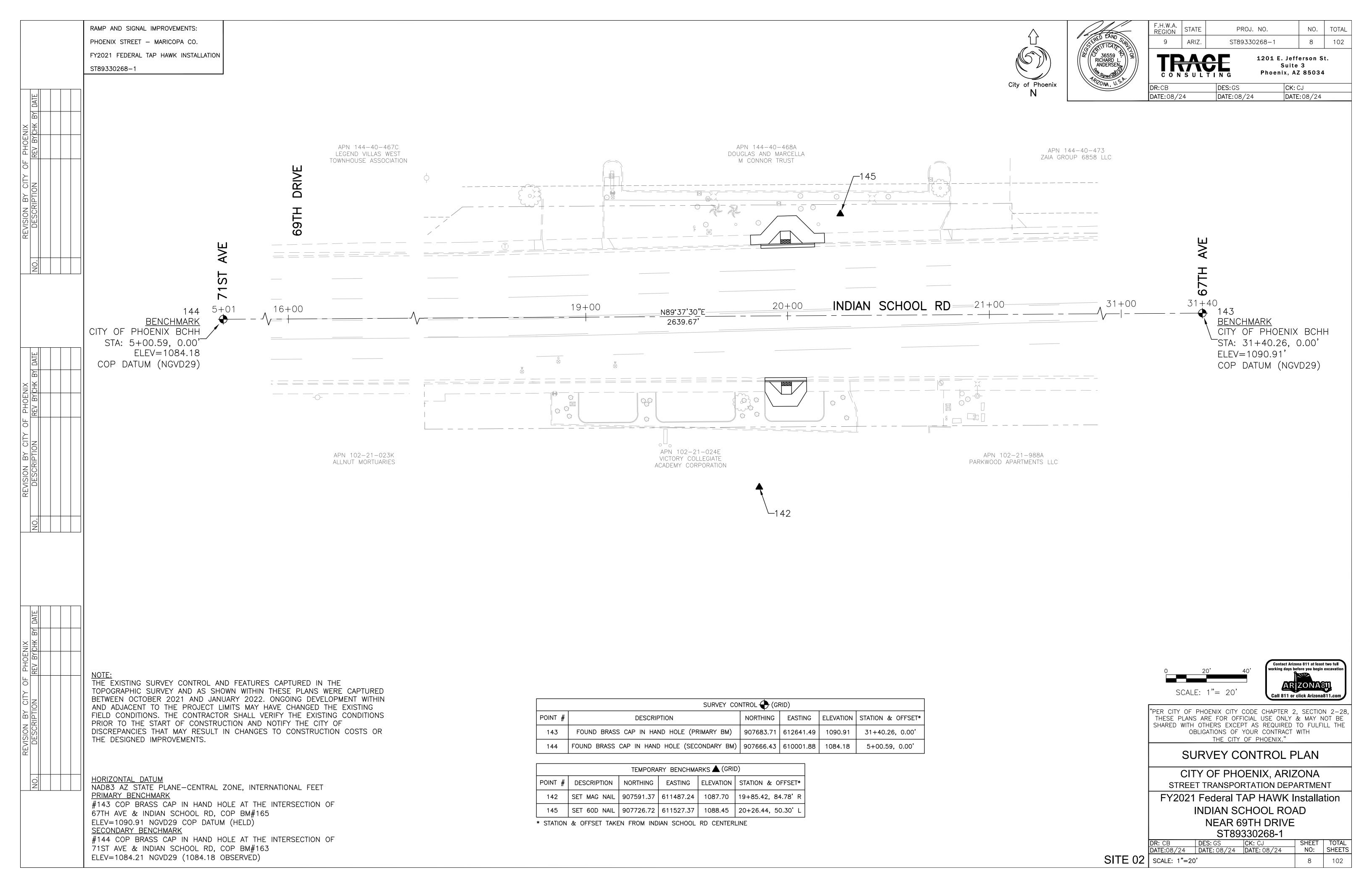
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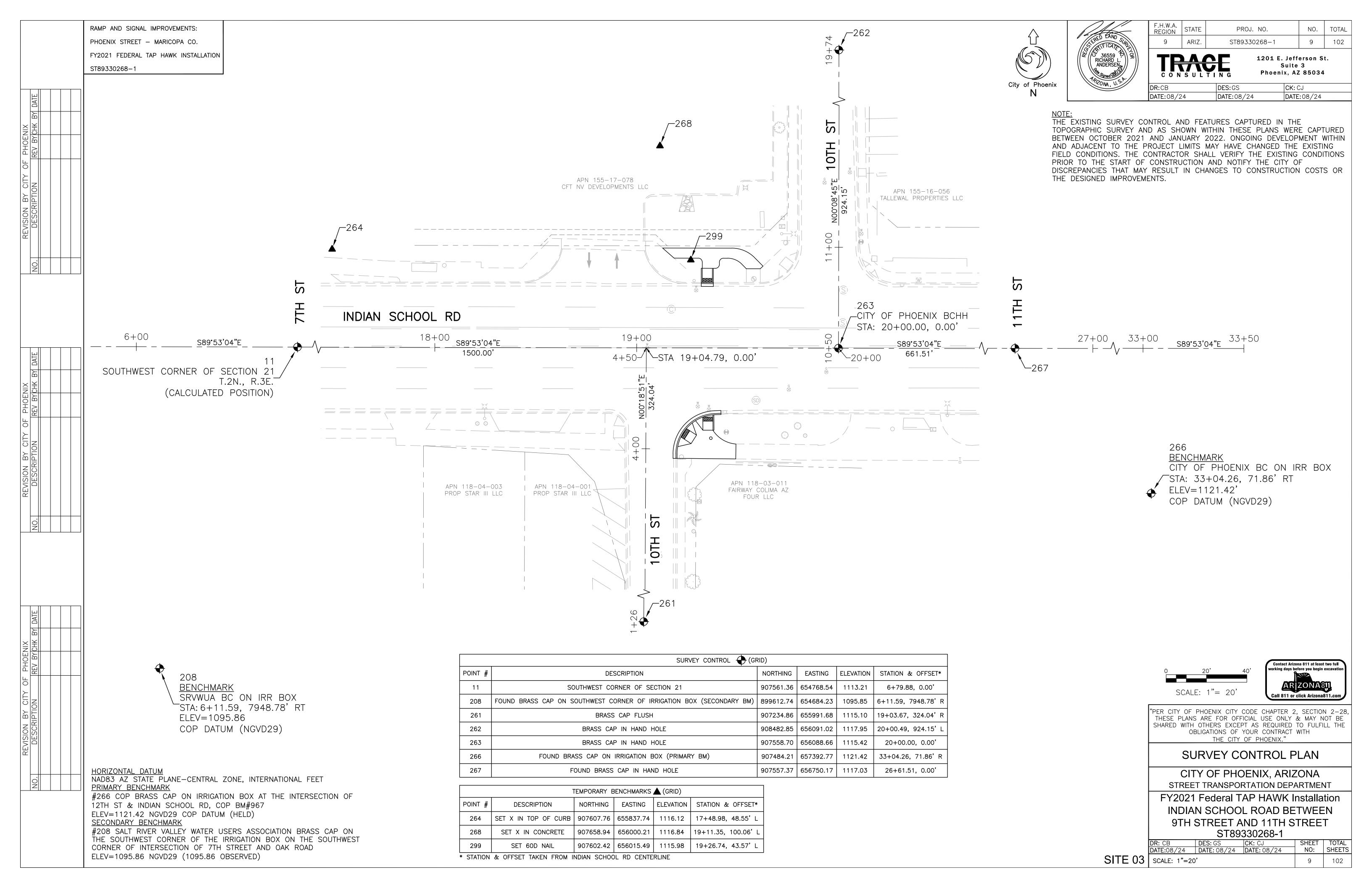
 DR: CB
 DES: GS
 CK: CJ
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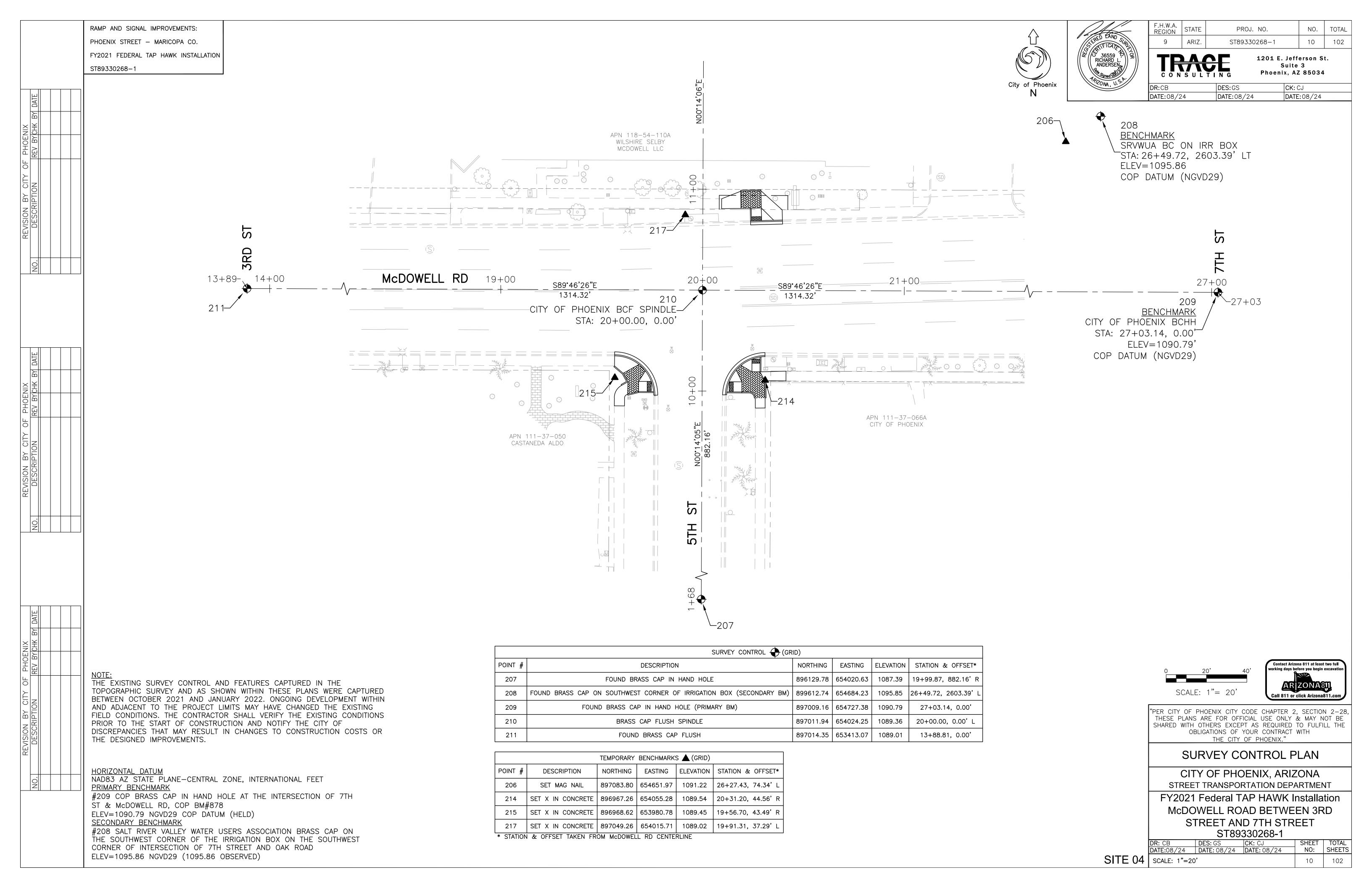
 DATE: 08/24
 DATE: 08/24
 DATE: 08/24
 NO: SHEETS

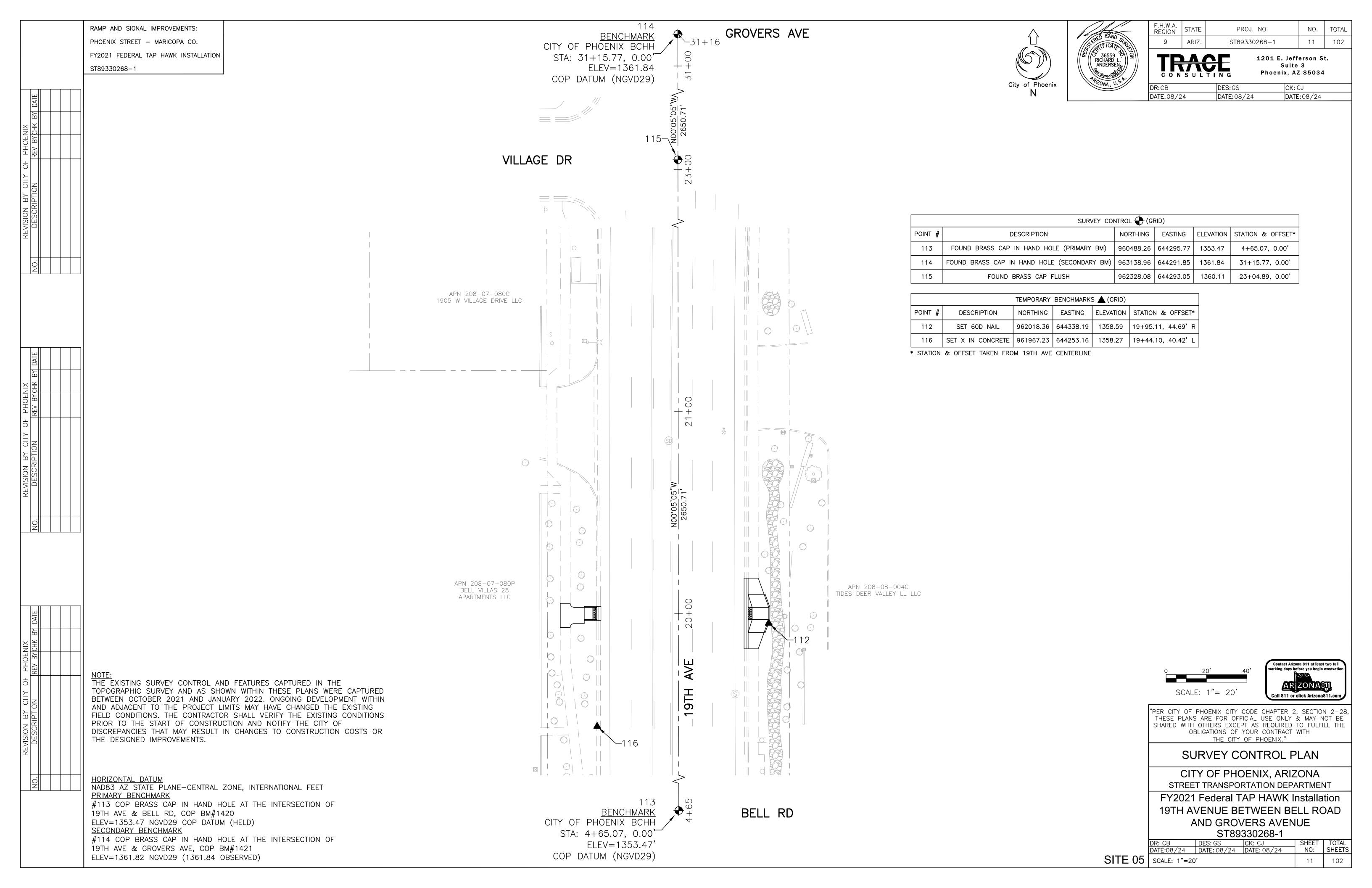
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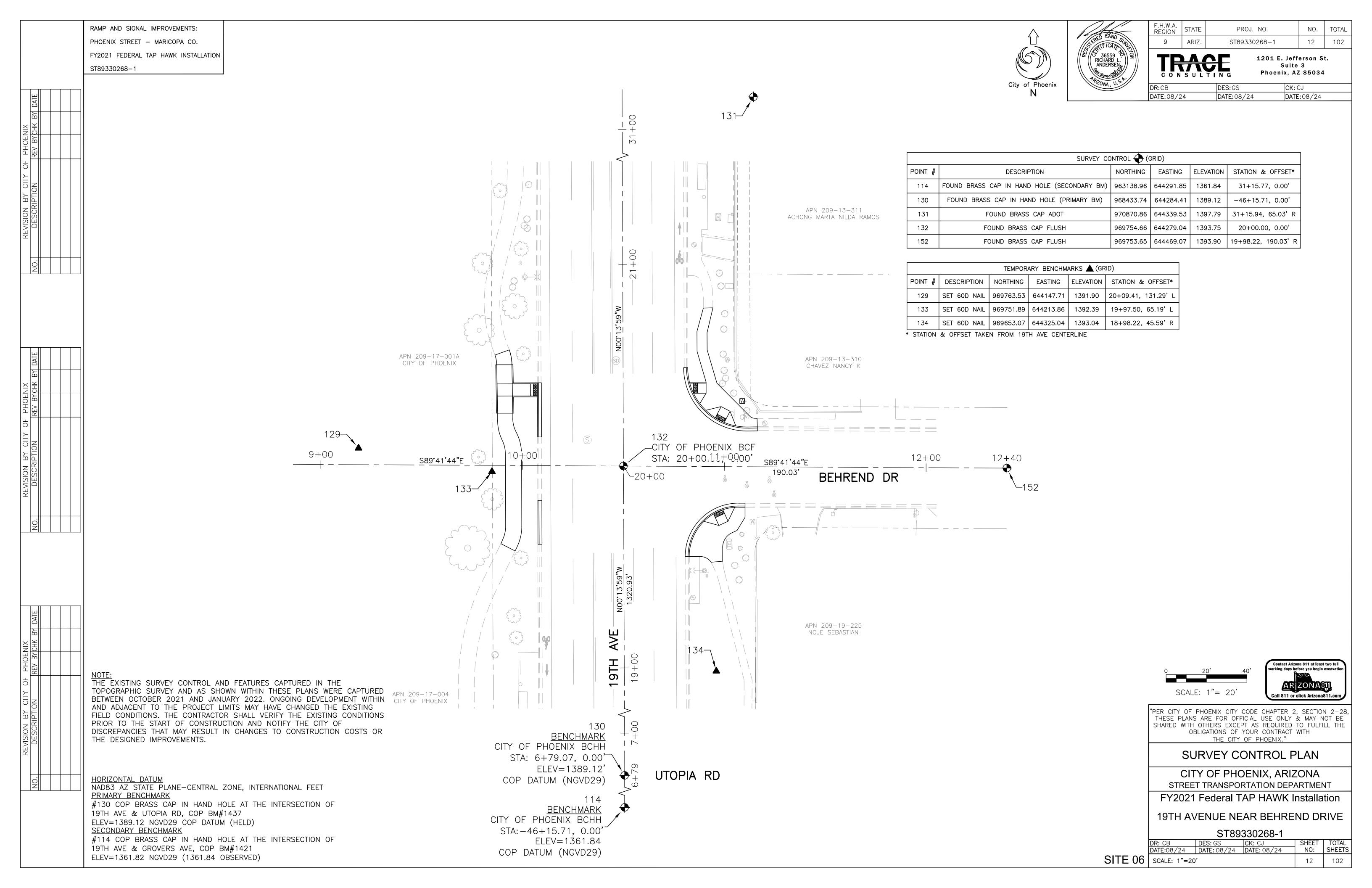


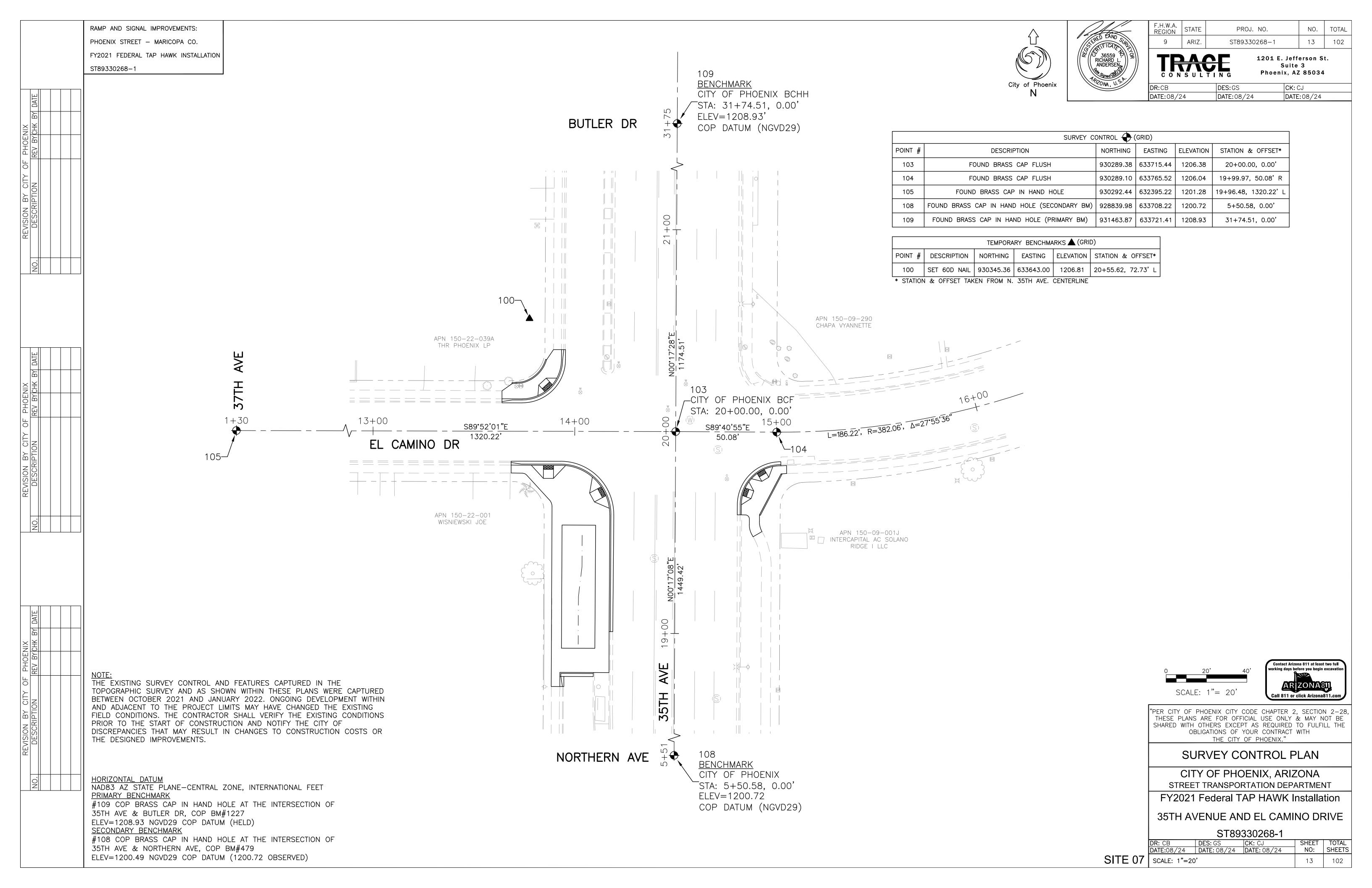


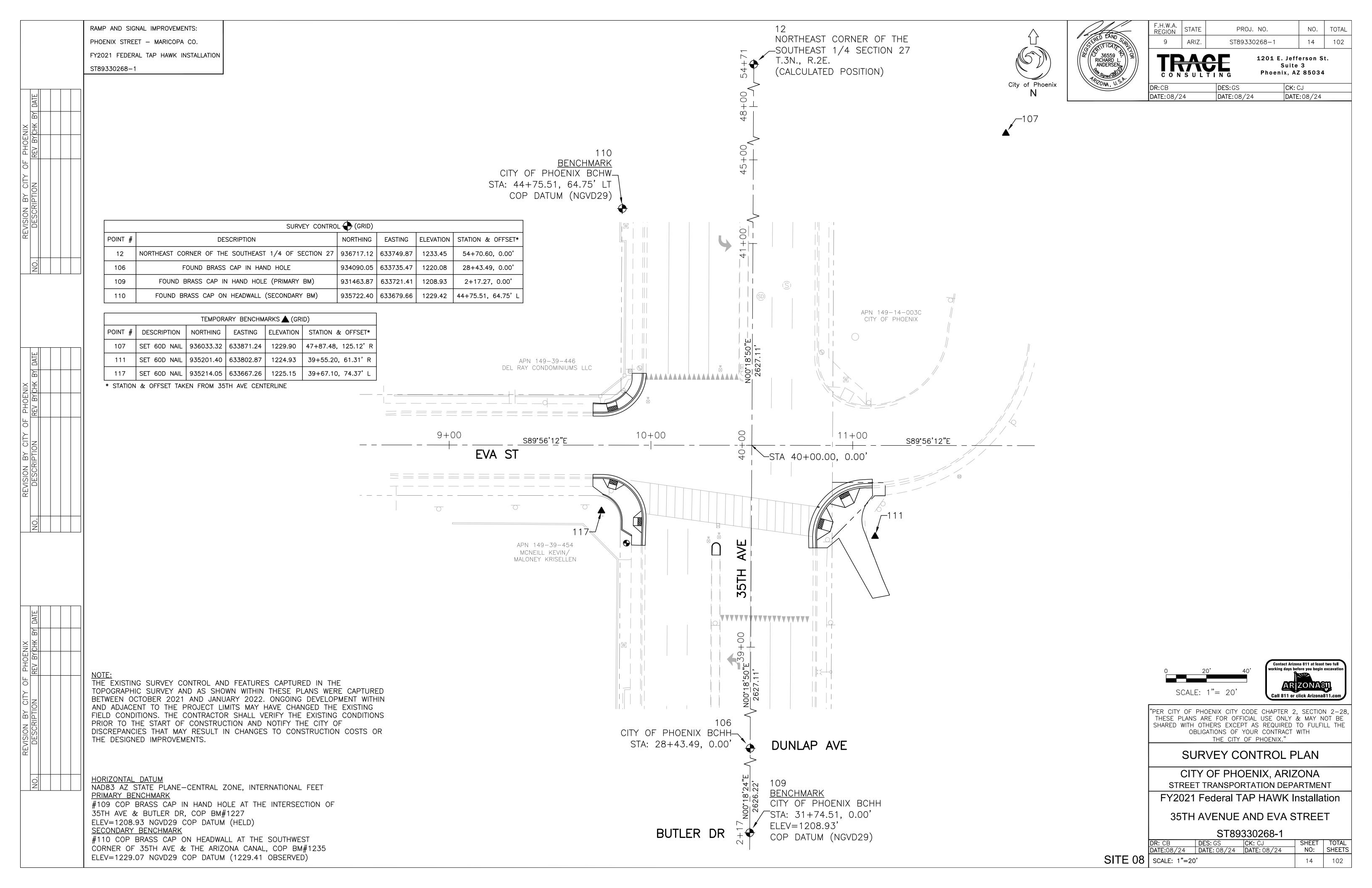


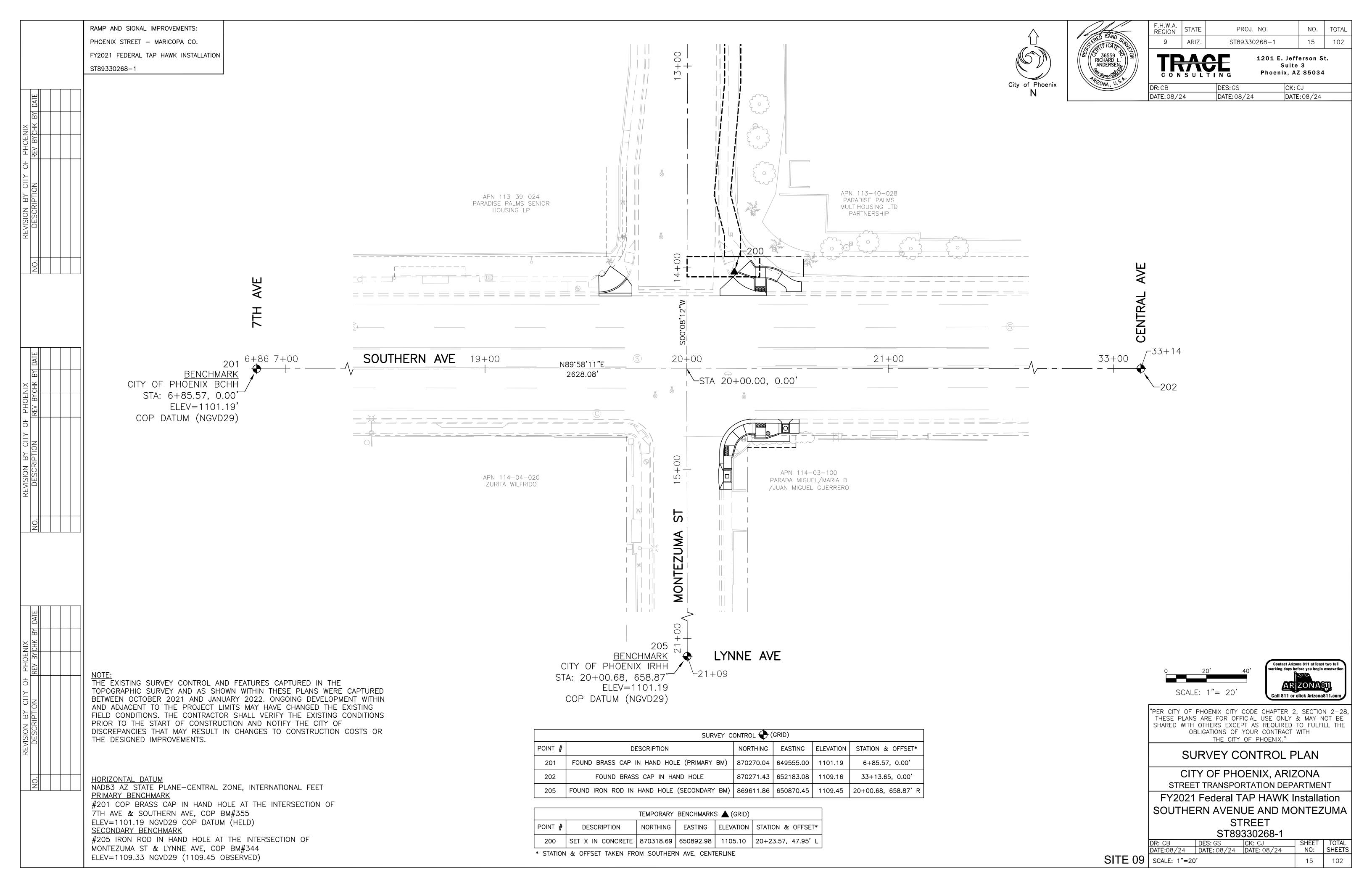


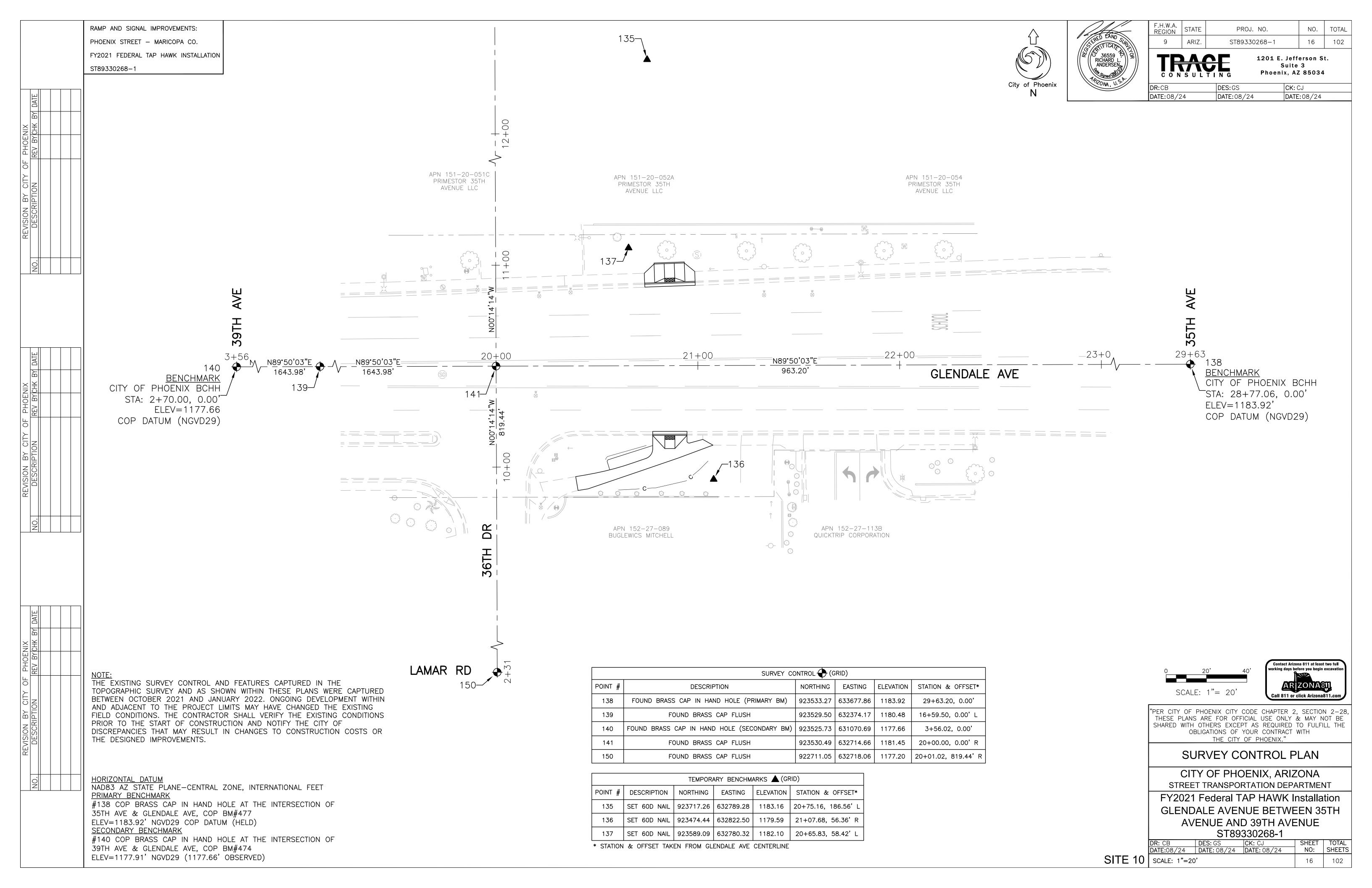


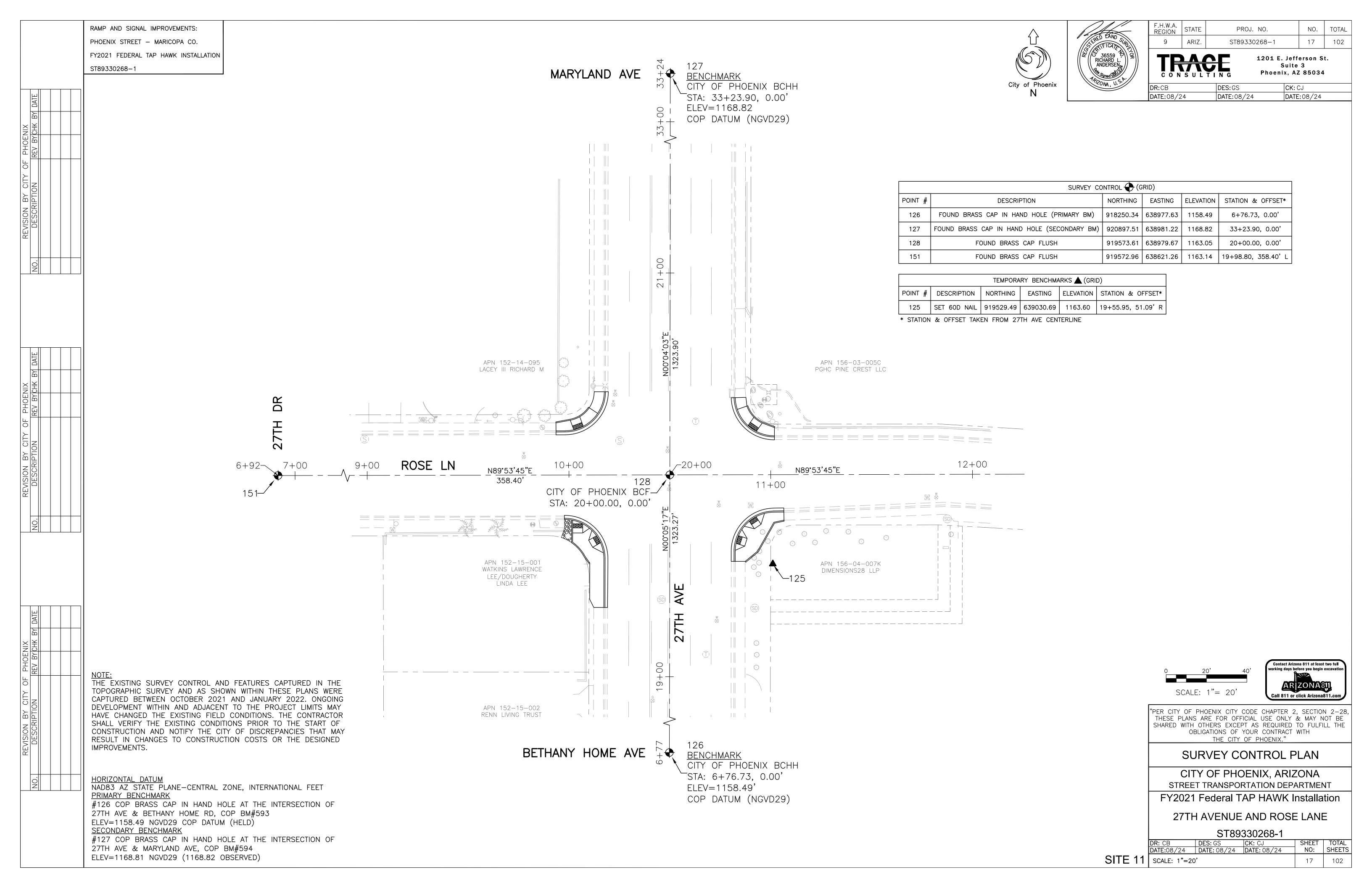


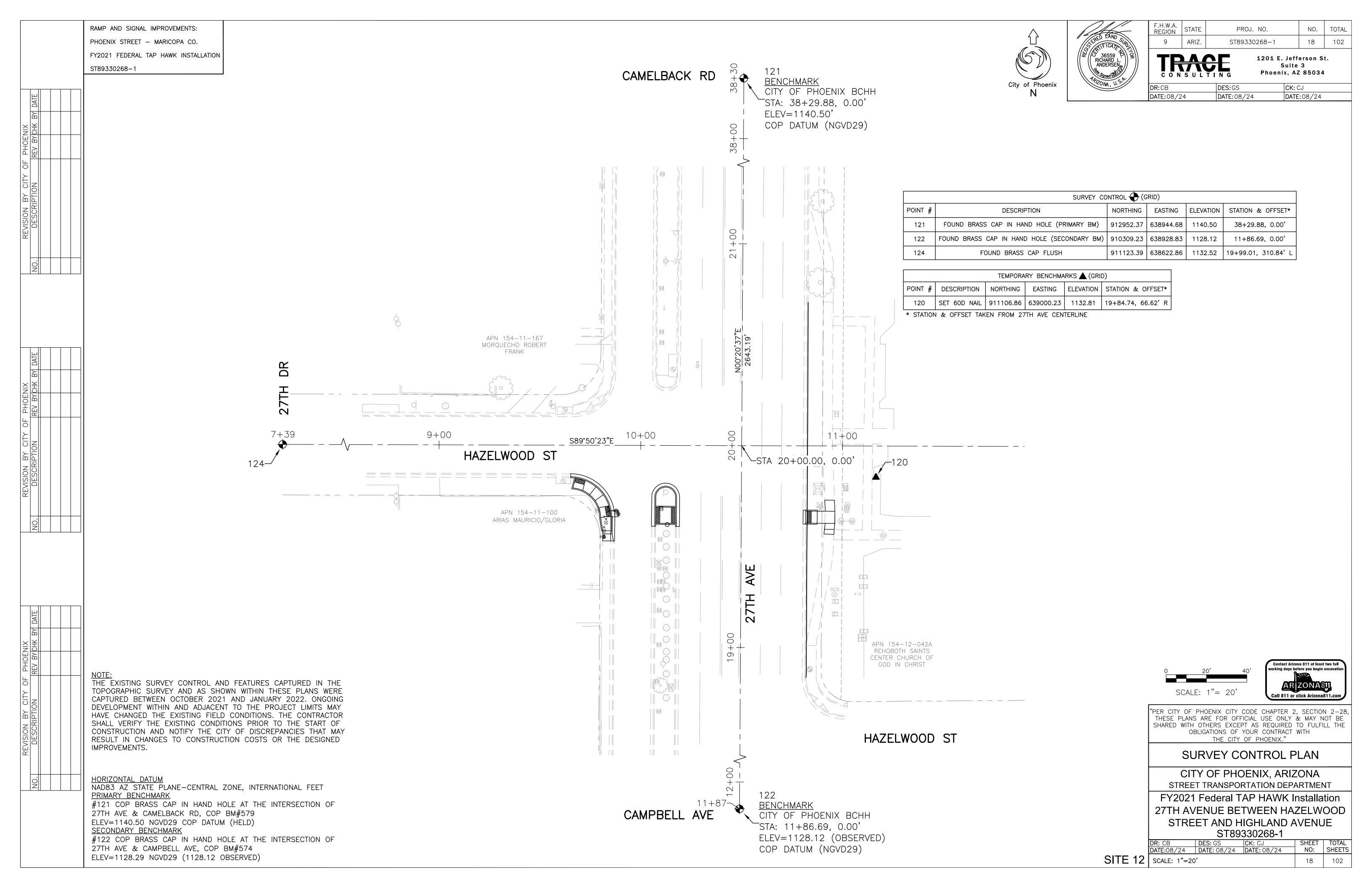


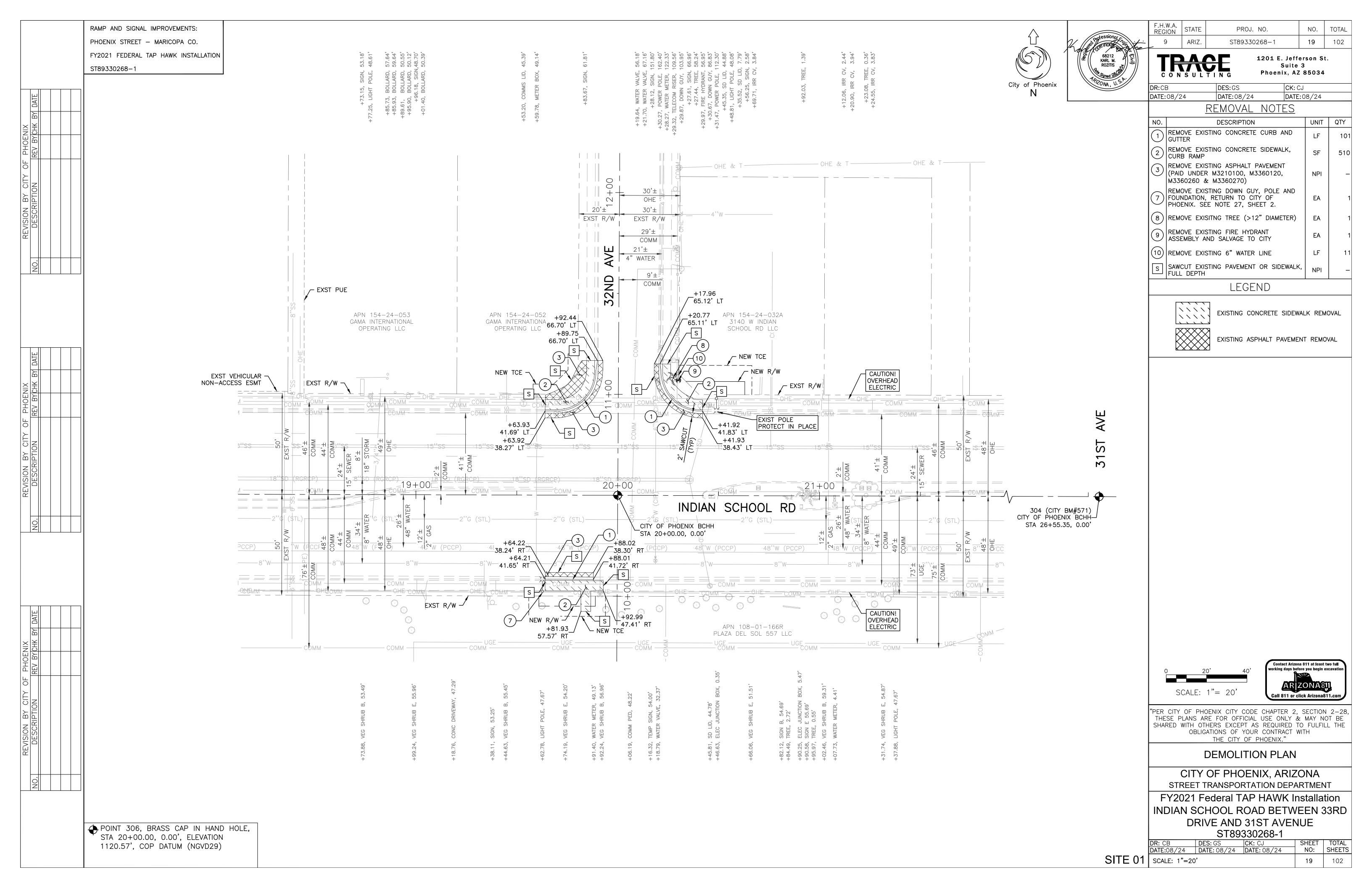


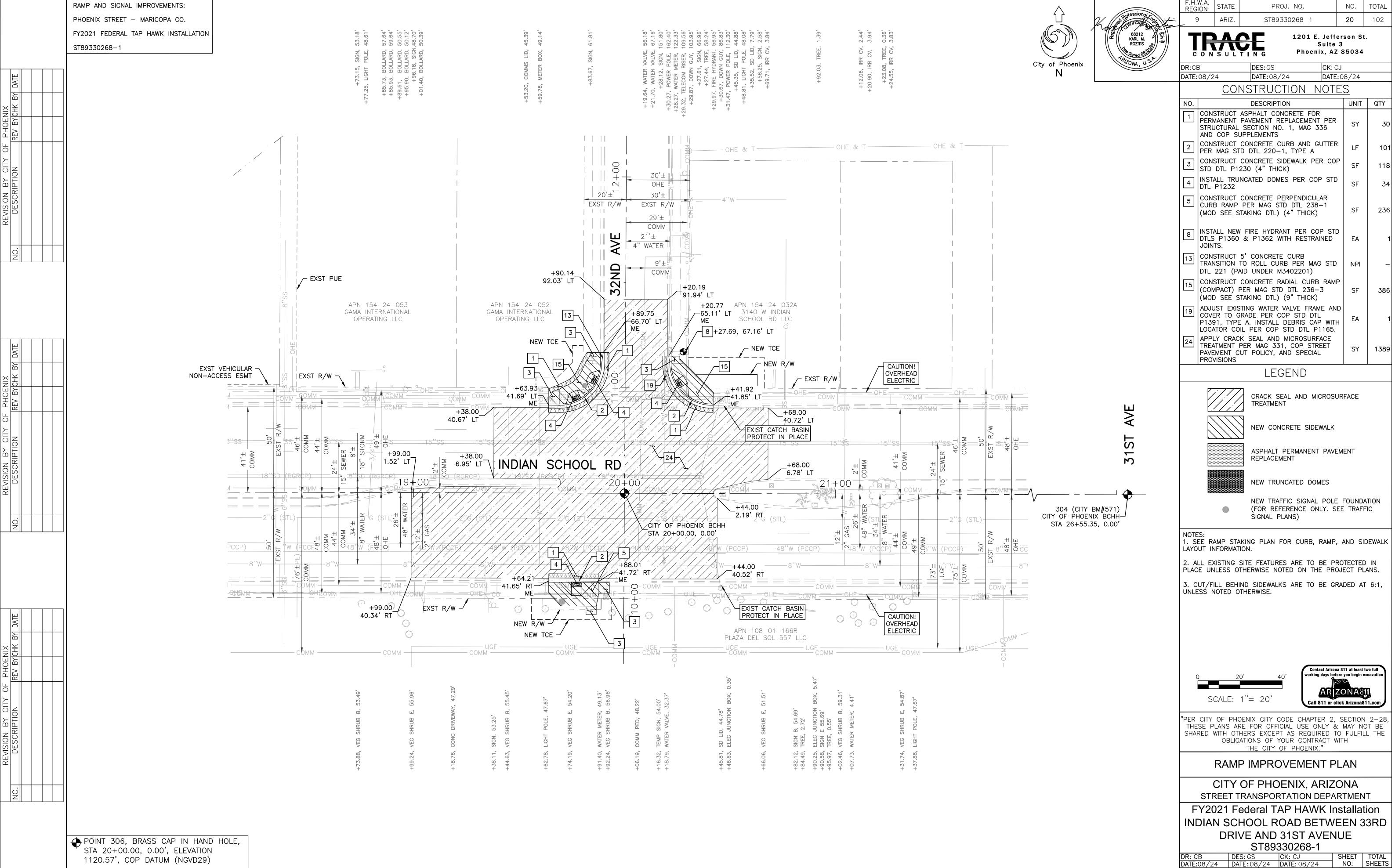






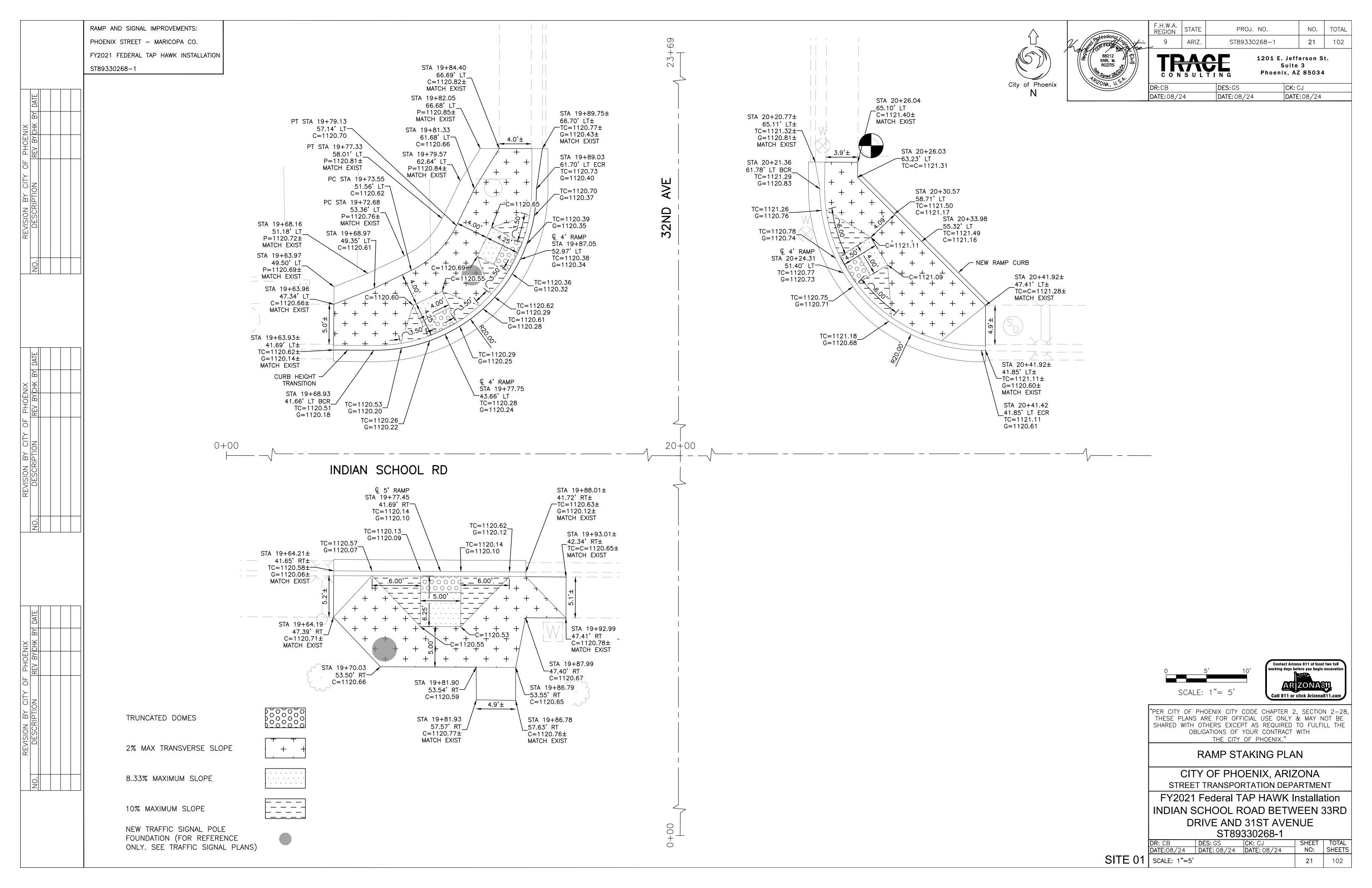


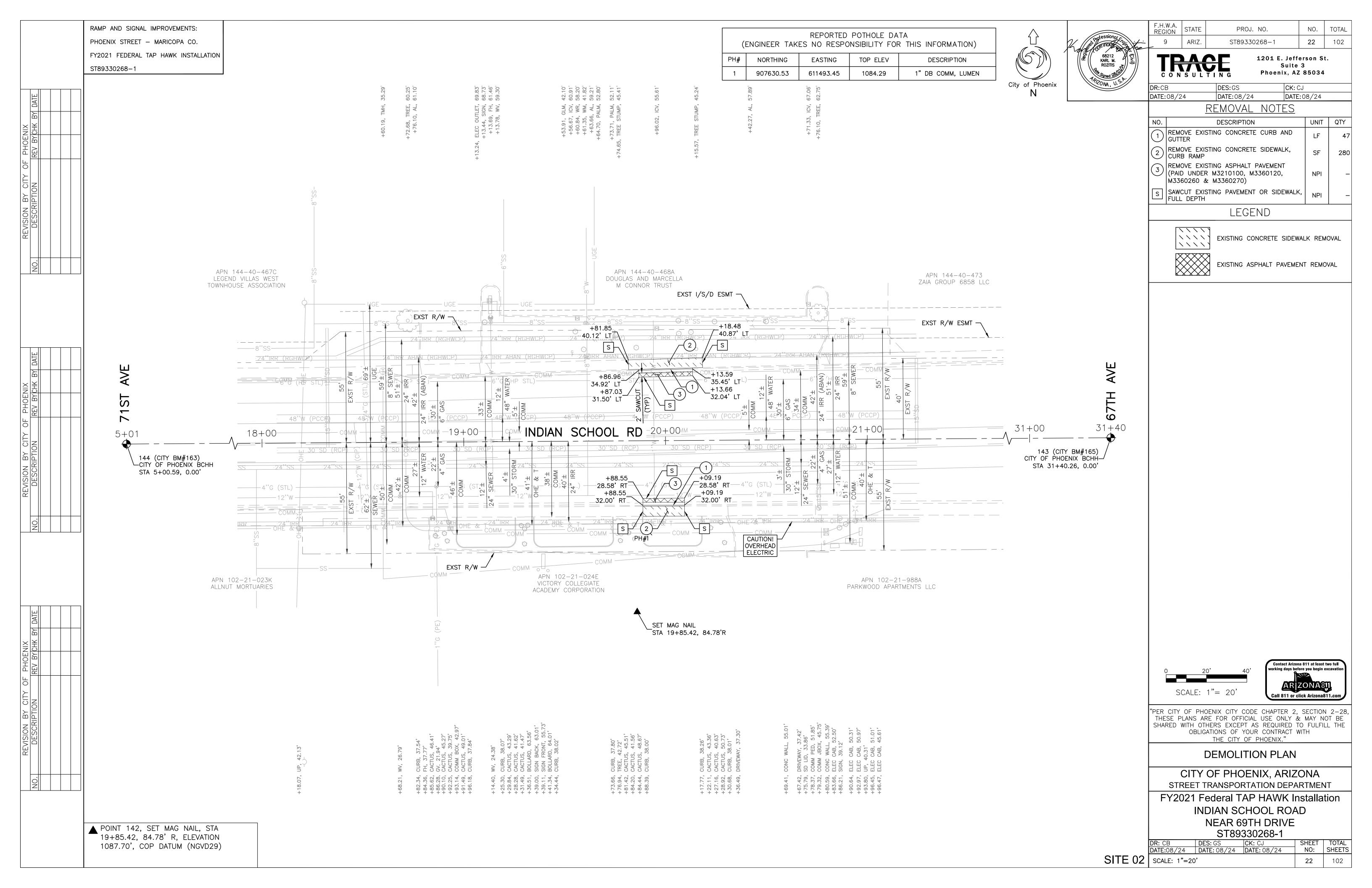


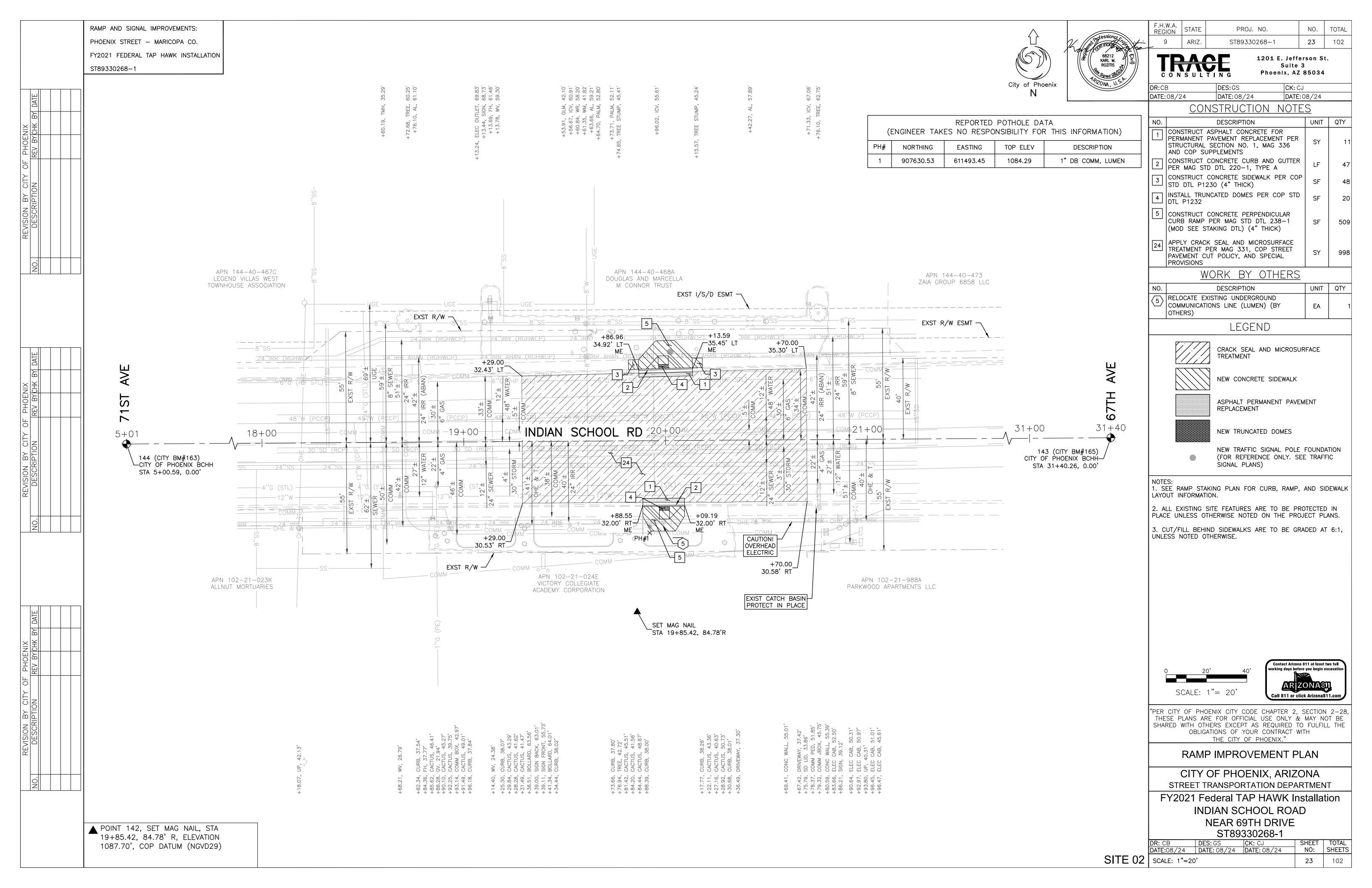


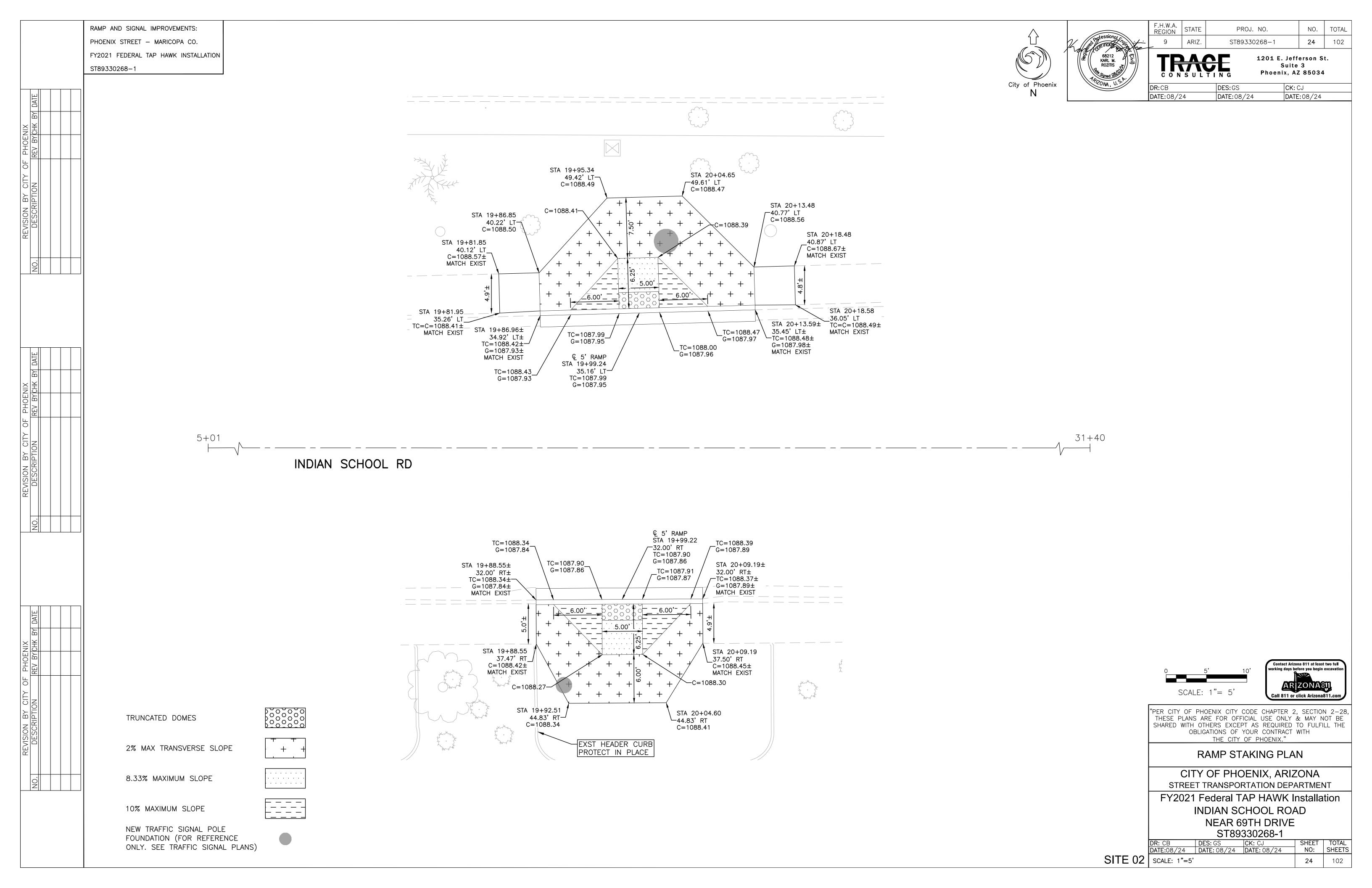
SITE 01 | SCALE: 1"=20'

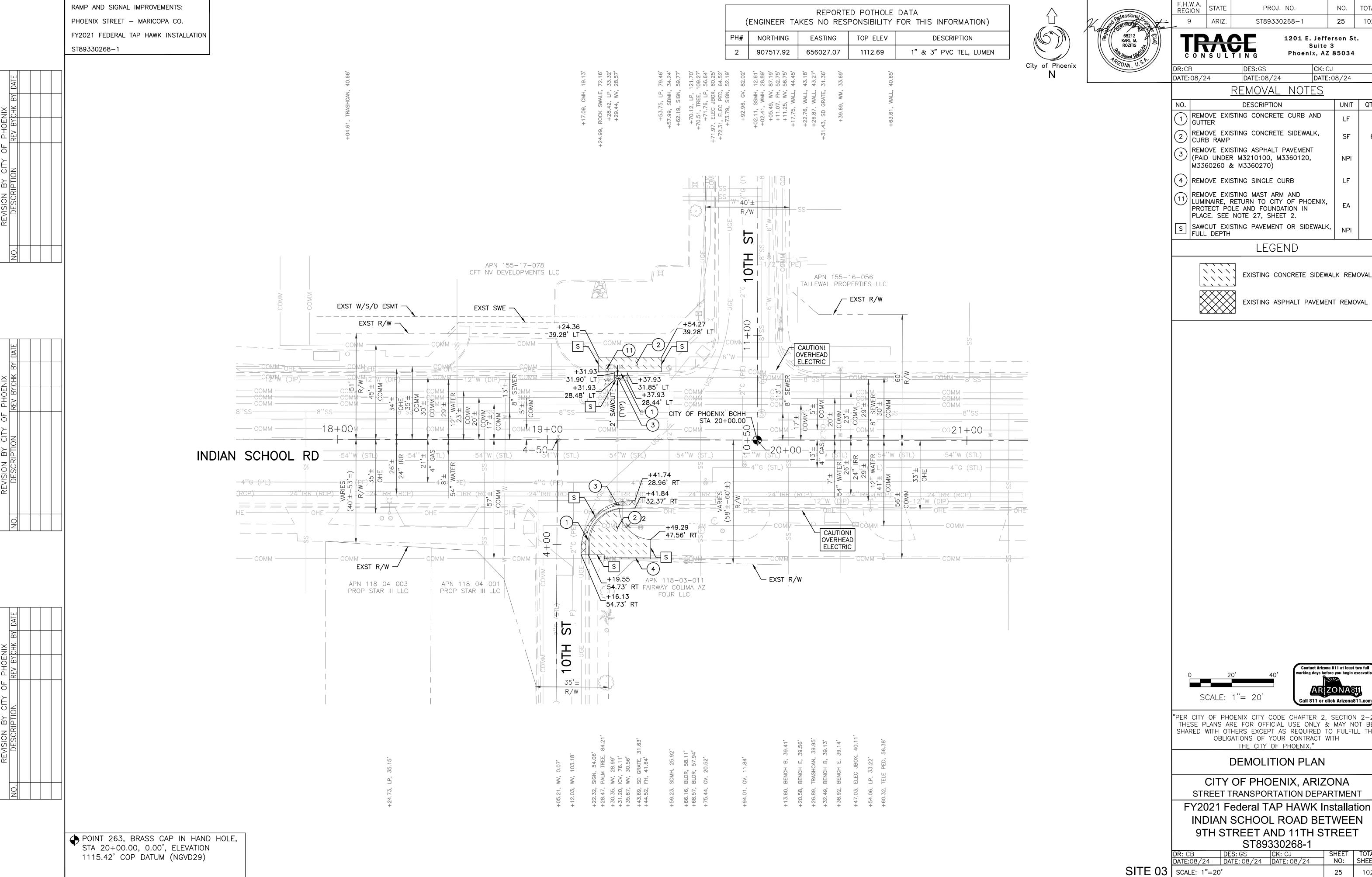
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NO. TOTAL 25 102

> 1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

CK: CJ DATE: 08/24

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OVE	EXISTING	CONCRETE	CURB	AND	I

10.	DESCRIPTION	UNIT	QTY
1)	REMOVE EXISTING CONCRETE CURB AND GUTTER	LF	43
2	REMOVE EXISTING CONCRETE SIDEWALK, CURB RAMP	SF	661
3	REMOVE EXISTING ASPHALT PAVEMENT (PAID UNDER M3210100, M3360120, M3360260 & M3360270)	NPI	_
4	REMOVE EXISTING SINGLE CURB	LF	22
11)	REMOVE EXISTING MAST ARM AND LUMINAIRE, RETURN TO CITY OF PHOENIX, PROTECT POLE AND FOUNDATION IN PLACE. SEE NOTE 27, SHEET 2.	EA	1
_	CAMOUT EVICTING DAVEMENT OF SIDEWALK		

EXISTING CONCRETE SIDEWALK REMOVAL

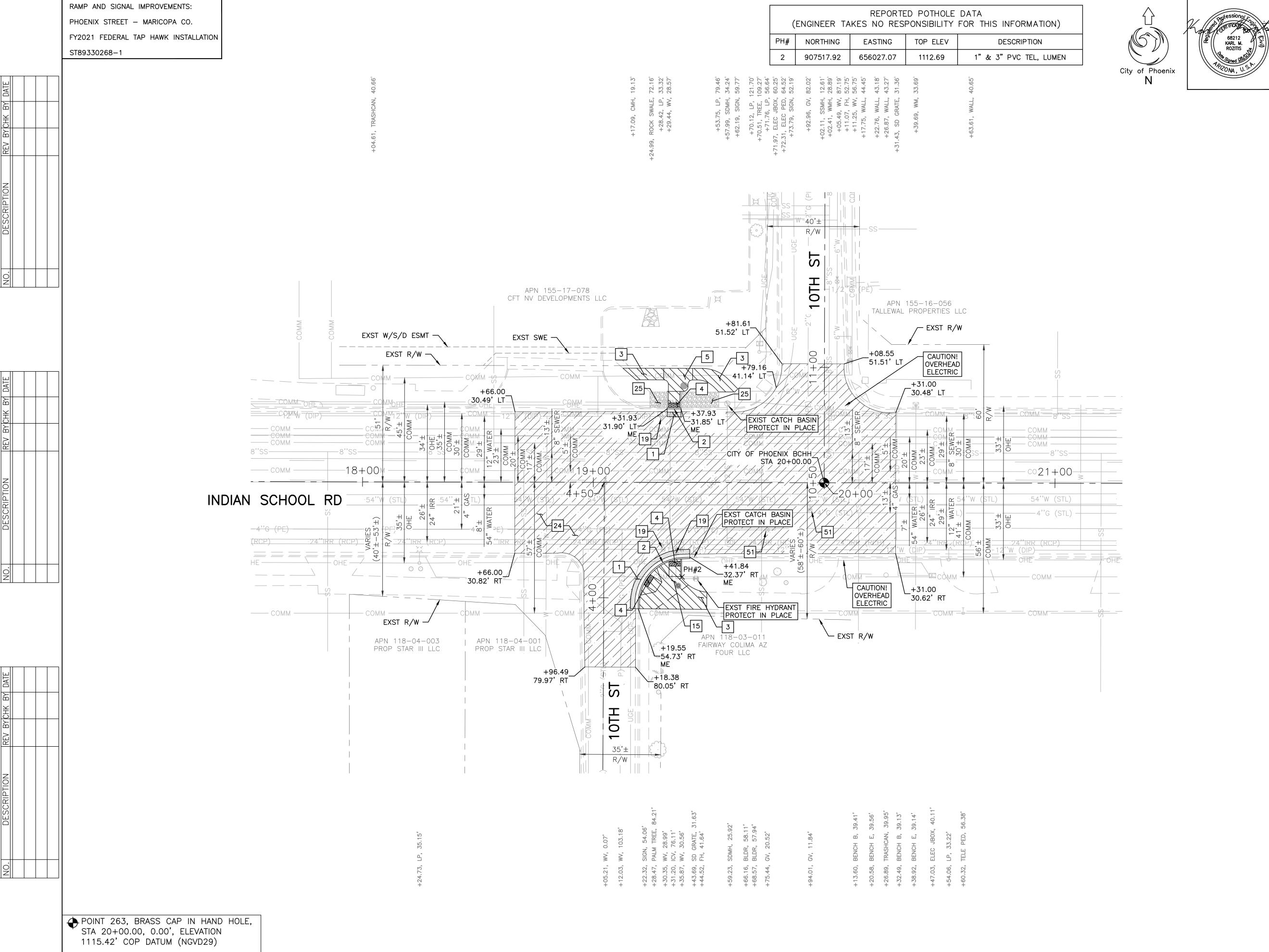
EXISTING ASPHALT PAVEMENT REMOVAL

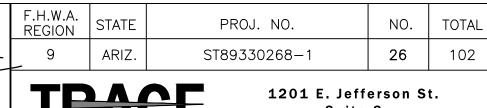
"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28,
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THE CITY OF PHOENIX."

CITY OF PHOENIX, ARIZONA

INDIAN SCHOOL ROAD BETWEEN 9TH STREET AND 11TH STREET

SHEET TOTAL NO: SHEETS 25



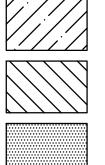


Suite 3 Phoenix, AZ 85034

DR:CB	DES:GS	CK: CJ
DATE: 08/24	DATE:08/24	DATE: 08/24
CONS	STRUCTION I	NOTES

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NO.	DESCRIPTION	UNIT	QTY
1	CONSTRUCT ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT PER STRUCTURAL SECTION NO. 1, MAG 336 AND COP SUPPLEMENTS	SY	10
2	CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE A	LF	42
3	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 (4" THICK)	SF	327
4	INSTALL TRUNCATED DOMES PER COP STD DTL P1232	SF	30
5	CONSTRUCT CONCRETE PERPENDICULAR CURB RAMP PER MAG STD DTL 238-1 (MOD SEE STAKING DTL) (4" THICK)	SF	138
15	CONSTRUCT CONCRETE RADIAL CURB RAMP (COMPACT) PER MAG STD DTL 236-3 (MOD SEE STAKING DTL) (9" THICK)	SF	251
19	ADJUST EXISTING WATER VALVE FRAME AND COVER TO GRADE PER COP STD DTL P1391, TYPE A. INSTALL DEBRIS CAP WITH LOCATOR COIL PER COP STD DTL P1165.	EA	3
24	APPLY CRACK SEAL AND MICROSURFACE TREATMENT PER MAG 331, COP STREET PAVEMENT CUT POLICY, AND SPECIAL PROVISIONS	SY	1330
25	FURNISH AND INSTALL DECOMPOSED GRANITE PER MAG 430, 2" THICK. CONTRACTOR TO PROVIDE COLOR AND SIZE SAMPLES TO BE APPROVED BY CITY.	CY	1
51	ADJUST EXISTING GAS VALVE FRAME AND COVER TO GRADE PER MAG STD DTL 391-1 & 391-2	EA	2

LEGEND



CRACK SEAL AND MICROSURFACE TREATMENT

NEW CONCRETE SIDEWALK

ASPHALT PERMANENT PAVEMENT REPLACEMENT

NEW TRUNCATED DOMES

NEW TRAFFIC SIGNAL POLE FOUNDATION

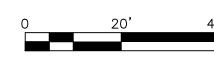
(FOR REFERENCE ONLY. SEE TRAFFIC SIGNAL PLANS)

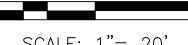
1. SEE RAMP STAKING PLAN FOR CURB, RAMP, AND SIDEWALK

LAYOUT INFORMATION.

2. ALL EXISTING SITE FEATURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THE PROJECT PLANS.

3. CUT/FILL BEHIND SIDEWALKS ARE TO BE GRADED AT 6:1, UNLESS NOTED OTHERWISE.





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PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

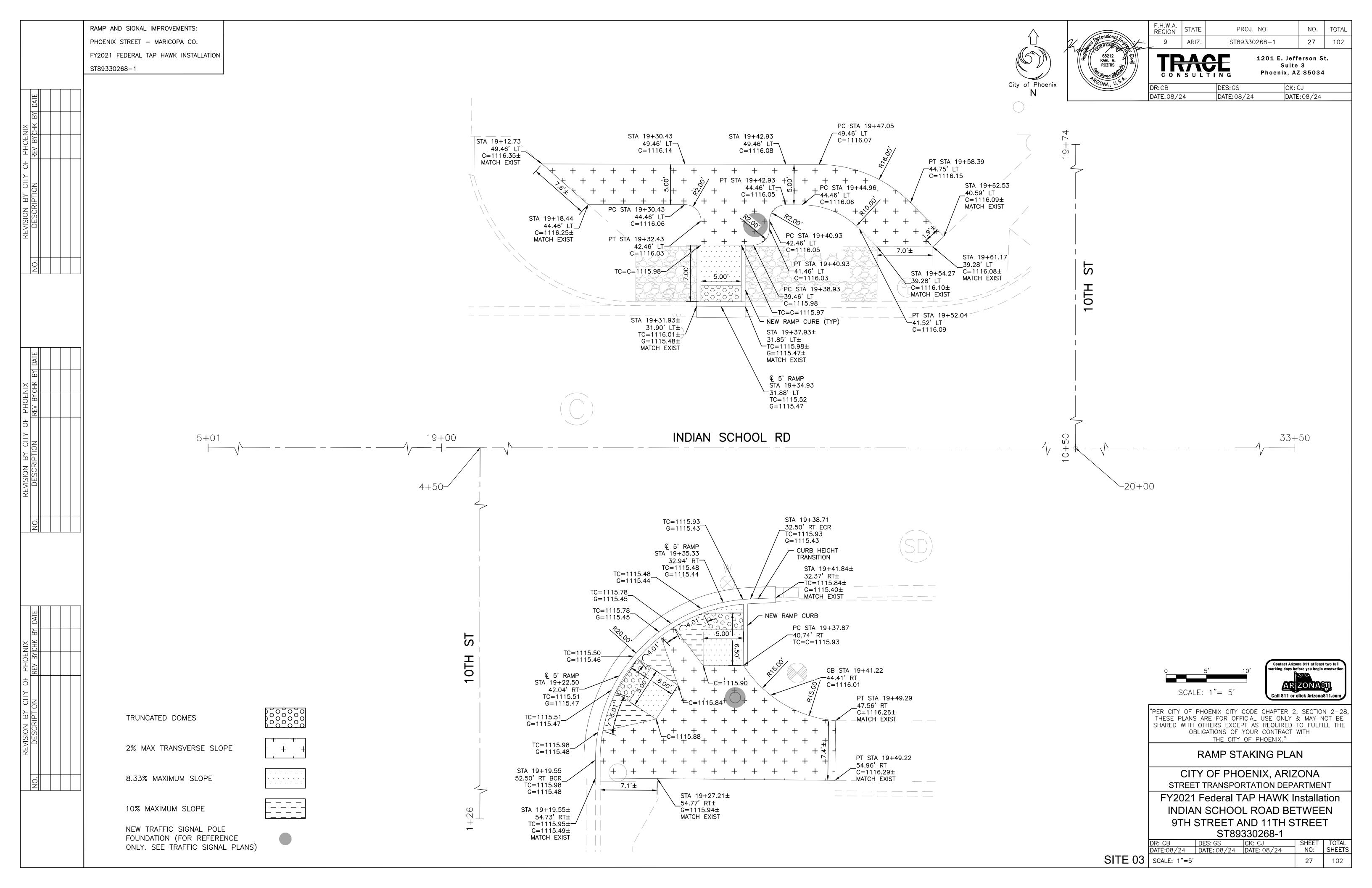
RAMP IMPROVEMENT PLAN

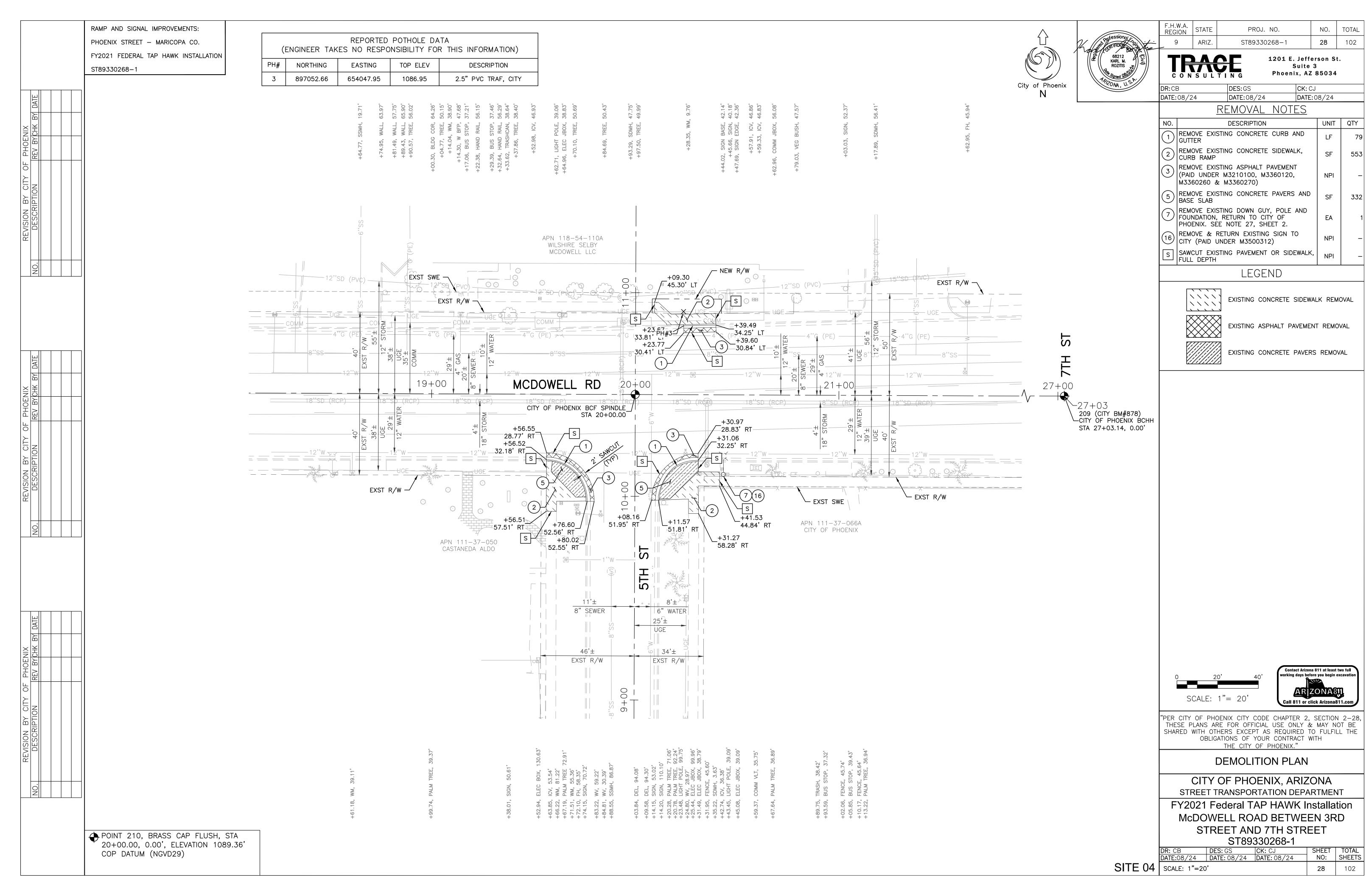
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

FY2021 Federal TAP HAWK Installation INDIAN SCHOOL ROAD BETWEEN 9TH STREET AND 11TH STREET ST89330268-1

SHEET TOTAL NO: SHEETS
 DR: CB
 DES: GS
 CK: CJ

 DATE:08/24
 DATE: 08/24
 DATE: 08/24

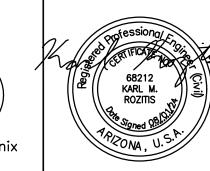




RAMP AND SIGNAL IMPROVEMENTS: REPORTED POTHOLE DATA PHOENIX STREET - MARICOPA CO. (ENGINEER TAKES NO RESPONSIBILITY FOR THIS INFORMATION) FY2021 FEDERAL TAP HAWK INSTALLATION TOP ELEV DESCRIPTION NORTHING ST89330268-1 897052.66 654047.95 1086.95 2.5" PVC TRAF, CITY City of Phoenix APN 118-54-110A WILSHIRE SELBY MCDOWELL LLC 5 28 — NEW R/W EXST R/W +97.00 EXIST CATCH BASIN *─*34.25'LT PROTECT IN PLACE √34.73' LT +30.00 =30.57' LT= ST ∕ +23.67 ∕33.83'LT MCDOWELL RD ´CIŤY´OF PHOÉNÍX BĆF´SPIŃDĹĚ´ +31.06 209 (CITY BM#878) CITY OF PHOENIX BCH STA 20+00.00 〔32.25'RT─ EXIST SCOOTER PARKING +56.56 STA 27+03.14, 0.00' TO BE COORDINATED BY CONTRACTOR PER SPECIAL PROVISIONS EXIST CATCH BASIN PROTECT IN PLACE +97.00 ─ EXST SWE __31.01'RT 28 7 7 11.58 +76.60 APN 111-37-066A 15 28 ∕∕_52.13'RT∤ CITY OF PHOENIX +11.58 ₩51.81' RT APN 111-37-050 CASTANEDA ALDO EXST FIRE HYDRANT 78.00' RT +09.83 PROTECT IN PLACE **5TH** -78.00' RT 8'±> 11'± 8" SEWER 6" WATER 25°± UGE 46'± 34'± EXST R/W EXST R/W + 6 1. SEE RAMP STAKING PLAN FOR CURB, RAMP, AND SIDEWALK TRASH, 38.42'
BUS STOP, 37.3
FENCE, 45.74'
BUS STOP, 39.4
FENCE, 45.64'
PALM TREE, 36. LAYOUT INFORMATION. 2. ALL EXISTING SITE FEATURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THE PROJECT PLANS. 3. CUT/FILL BEHIND SIDEWALKS ARE TO BE GRADED AT 6:1, UNLESŚ NOTED OTHERWISE. 4. NEW PAVERS ARE TO MATCH EXISTING COLOR AND STYLE. POINT 210, BRASS CAP FLUSH, STA

20+00.00, 0.00', ELEVATION 1089.36'

COP DATUM (NGVD29)



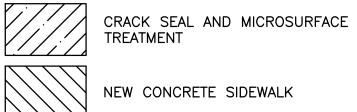
	F.H.W.A. REGION	STATE	PROJ. NO.	NO.	TOTAL
<u></u>	9	ARIZ.	ST89330268-1	29	102
			_		

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

DR:CB	DES:GS	CK: CJ
DATE: 08/24	DATE: 08/24	DATE: 08/24

	CONSTRUCTION NOTES				
NO.	DESCRIPTION	UNIT	QTY		
1	CONSTRUCT ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT PER STRUCTURAL SECTION NO. 1, MAG 336 AND COP SUPPLEMENTS	SY	19		
2	CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE A	LF	78		
3	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 (4" THICK)	SF	198		
4	INSTALL TRUNCATED DOMES PER COP STD DTL P1232	SF	38		
5	CONSTRUCT CONCRETE PERPENDICULAR CURB RAMP PER MAG STD DTL 238-1 (MOD SEE STAKING DTL) (4" THICK)	SF	123		
7	CONSTRUCT CONCRETE RADIAL CURB RAMP PER MAG STD DTL 236-2 (MOD SEE STAKING DTL) (9" THICK)	SF	82		
15	CONSTRUCT CONCRETE RADIAL CURB RAMP (COMPACT) PER MAG STD DTL 236-3 (MOD SEE STAKING DTL) (9" THICK)	SF	105		
19	ADJUST EXISTING WATER VALVE FRAME AND COVER TO GRADE PER COP STD DTL P1391, TYPE A. INSTALL DEBRIS CAP WITH LOCATOR COIL PER COP STD DTL P1165.	EA	1		
24	APPLY CRACK SEAL AND MICROSURFACE TREATMENT PER MAG 331, COP STREET PAVEMENT CUT POLICY, AND SPECIAL PROVISIONS	SY	1356		
25	FURNISH AND INSTALL DECOMPOSED GRANITE PER MAG 430, 2" THICK. CONTRACTOR TO PROVIDE COLOR AND SIZE SAMPLES TO BE APPROVED BY CITY.	CY	1		
28	CONSTRUCT CONCRETE PAVERS PER MAG STD DTL 225 AND MAG 342, TYPICAL SECTION AGAINST PAVEMENT. SEE NOTE 4.				
	DECORATIVE BRICK PAVERS	SF	318		
	CONCRETE HEADER CURB	LF	33		
47	ADJUST EXISTING ELECTRIC PULL BOX TO FINISHED GRADE (NPI)	EA	1		

LEGEND



NEW CONCRETE SIDEWALK

ASPHALT PERMANENT PAVEMENT REPLACEMENT

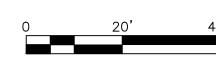


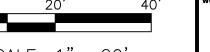
NEW TRUNCATED DOMES



NEW TRAFFIC SIGNAL POLE FOUNDATION (FOR REFERENCE ONLY. SEE TRAFFIC SIGNAL PLANS)

Contact Arizona 811 at least two full





SCALE: 1"= 20' Call 811 or click Arizona811.con

PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

RAMP IMPROVEMENT PLAN

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

FY2021 Federal TAP HAWK Installation McDOWELL ROAD BETWEEN 3RD STREET AND 7TH STREET

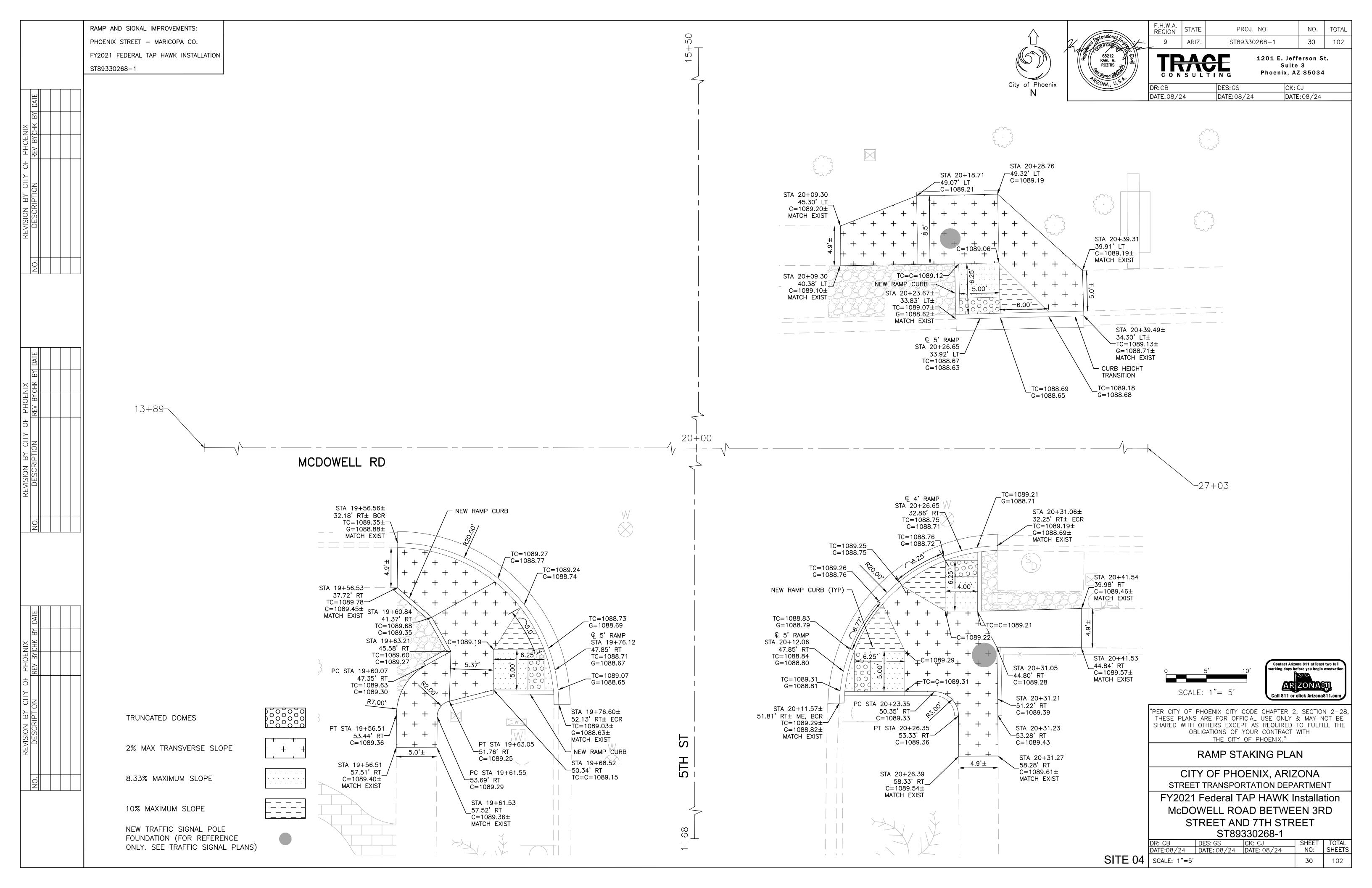
ST89330268-1 SHEET TOTAL NO: SHEETS
 DR: CB
 DES: GS
 CK: CJ

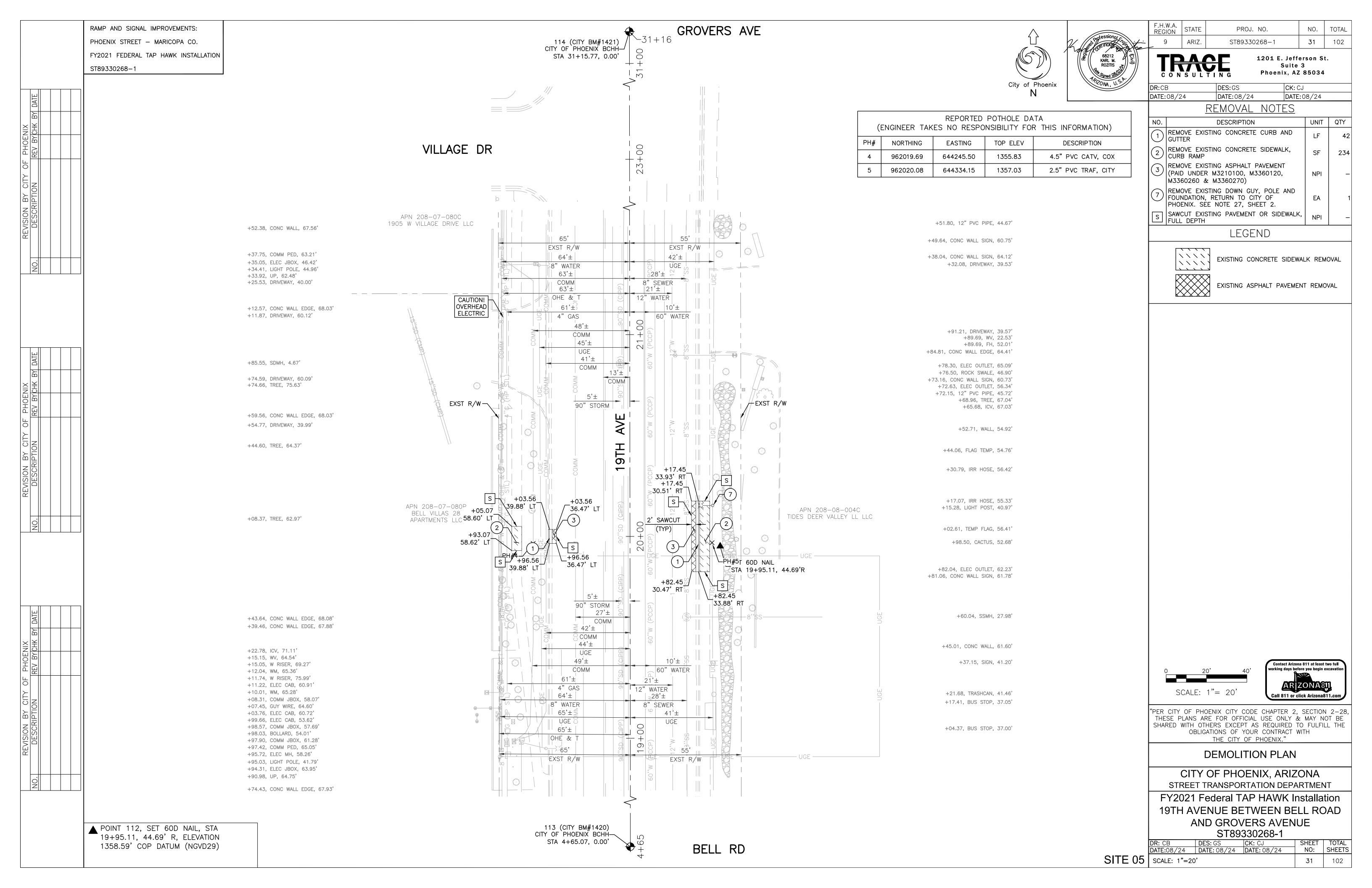
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 DATE: 08/24
 DATE: 08/24

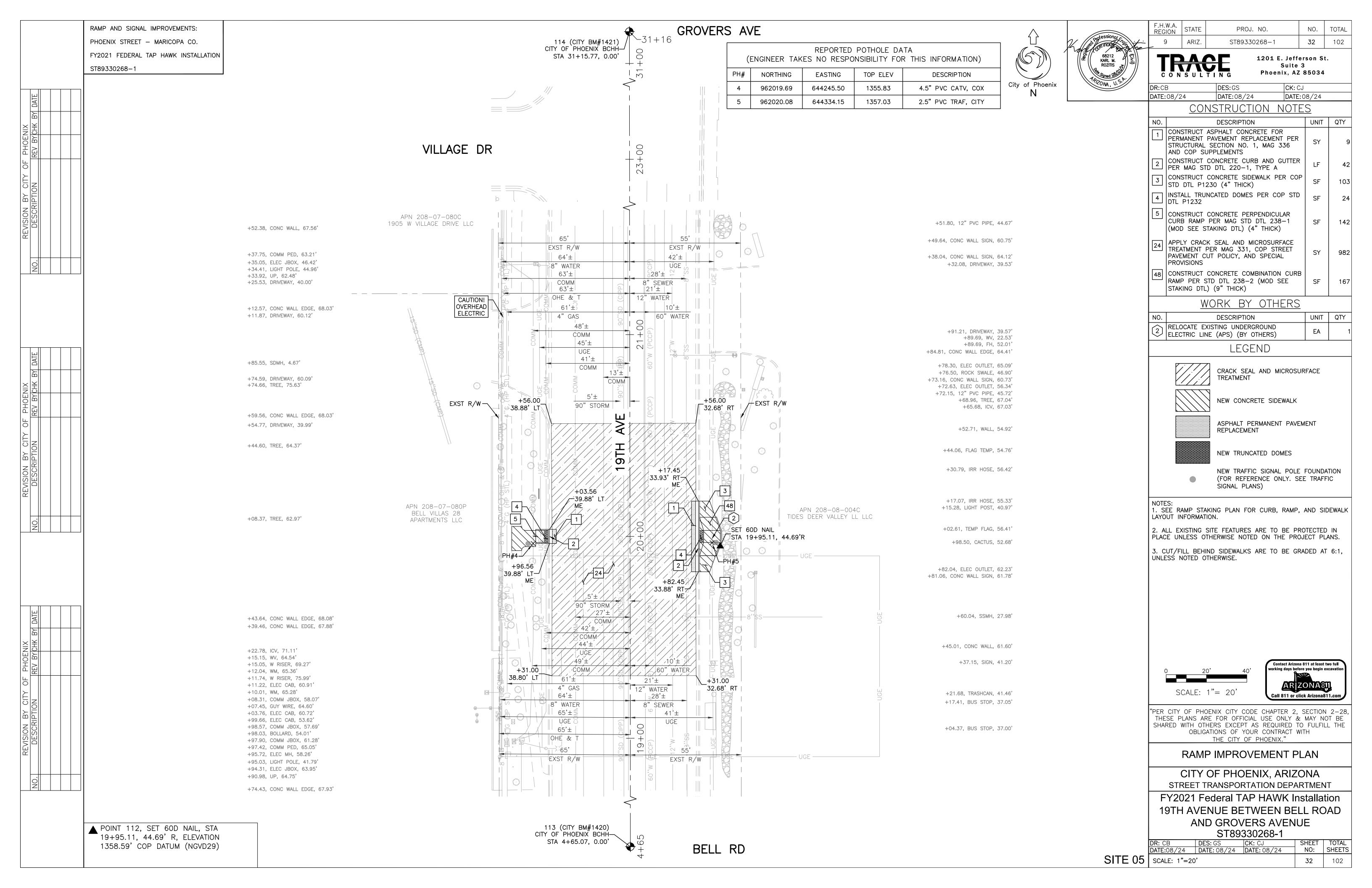
CONTRACTOR TO OBTAIN CITY APPROVAL OF MATERIALS PRIOR TO INSTALLATION. WHEN APPLICABLE, CONTRACTOR TO FOLLOW GENERAL DESIGN GUIDELINES FOR HISTORIC PROPERTIES FOR

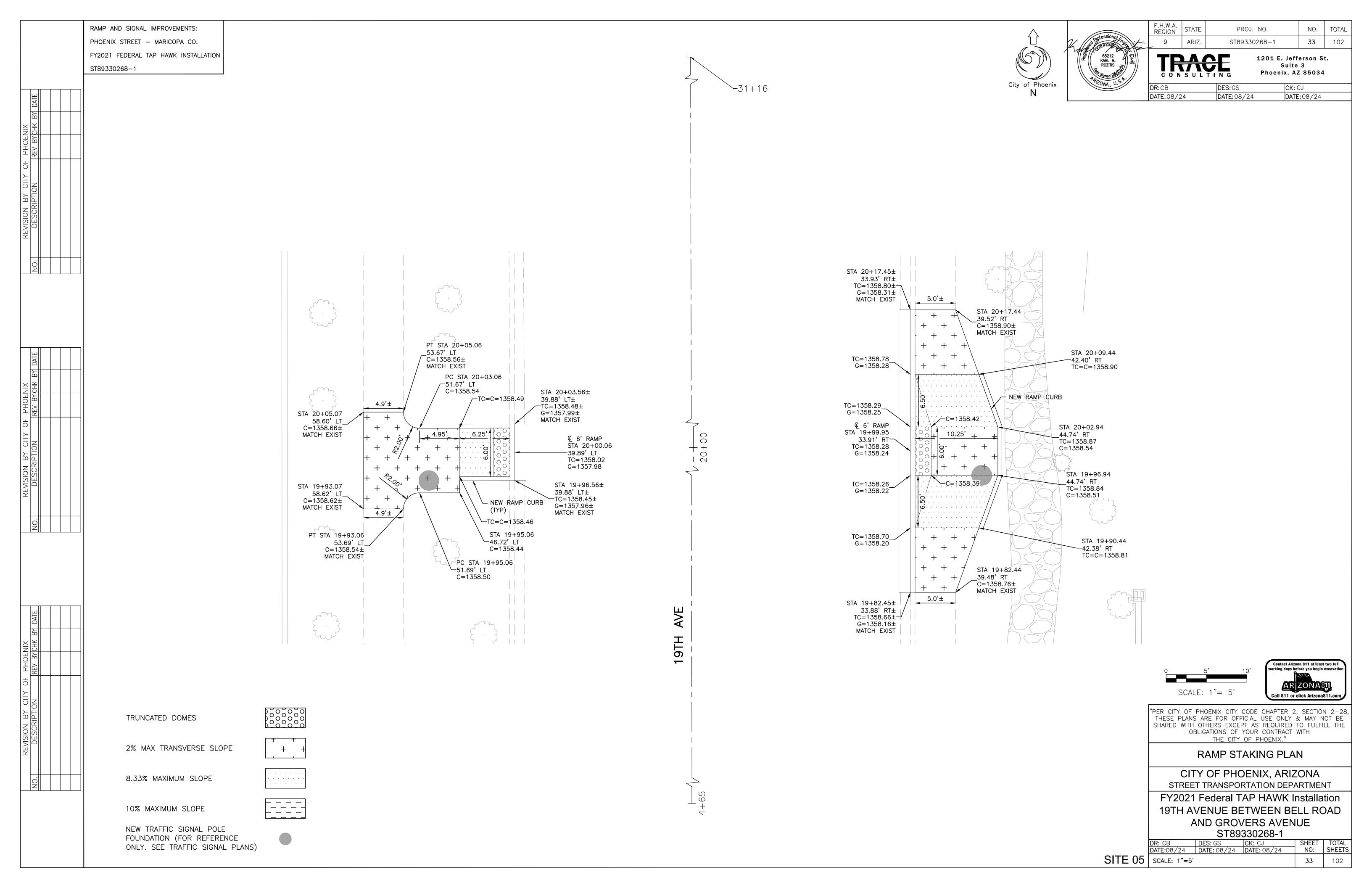
PAVERS IN SIDEWALK.

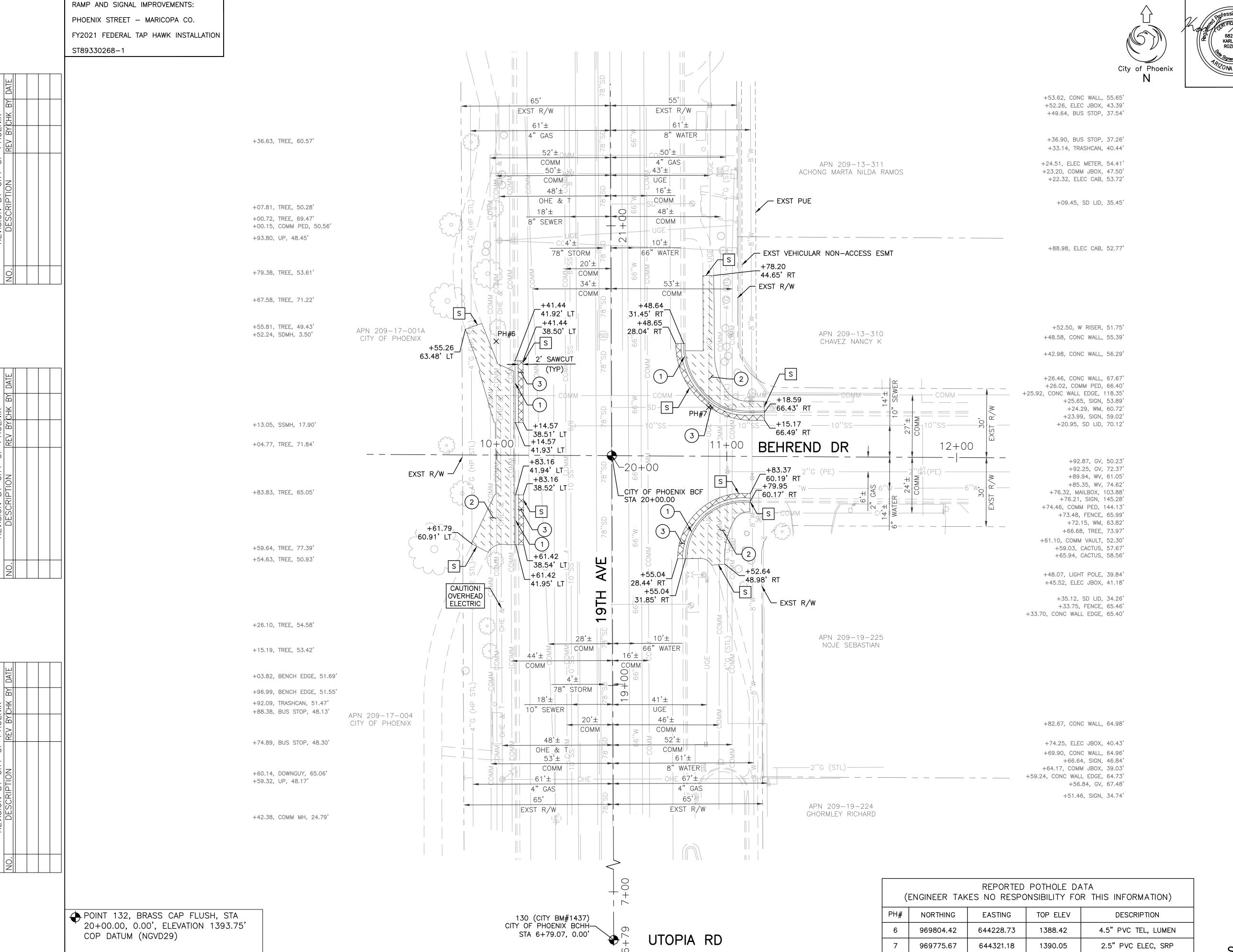
SITE 04 | SCALE: 1"=20' 29



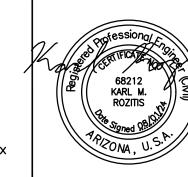












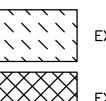
F.H.W.A. REGION	STATE	PROJ. NO.	NO.	TOTAL
9	ARIZ.	ST89330268-1	34	102

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

DR:CB	DES:GS	CK: CJ
DATE:08/24	DATE: 08/24	DATE: 08/24
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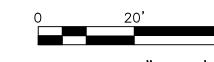
<u>removal notes</u>					
NO.	DESCRIPTION	UNIT	QTY		
1	REMOVE EXISTING CONCRETE CURB AND GUTTER	LF	144		
2	REMOVE EXISTING CONCRETE SIDEWALK, CURB RAMP	SF	1871		
3	REMOVE EXISTING ASPHALT PAVEMENT (PAID UNDER M3210100, M3360120, M3360260 & M3360270)	NPI	-		
S	SAWCUT EXISTING PAVEMENT OR SIDEWALK, FULL DEPTH	NPI	_		

LEGEND



EXISTING CONCRETE SIDEWALK REMOVAL





Call 811 or click Arizona811.cor

Contact Arizona 811 at least two ful

PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28 THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

DEMOLITION PLAN

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

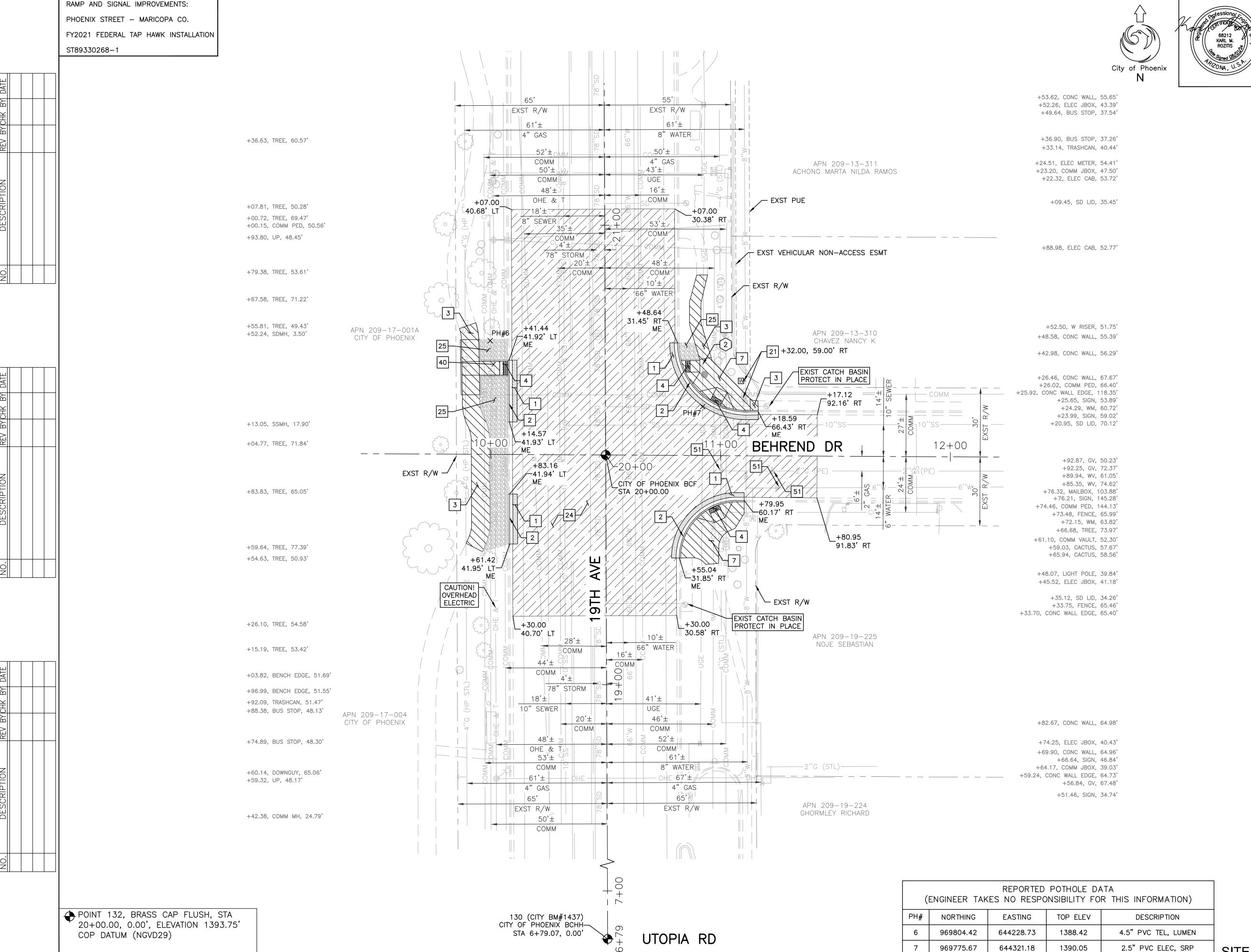
FY2021 Federal TAP HAWK Installation

19TH AVENUE NEAR BEHREND DRIVE

ST89330268-1

SHEET TOTAL NO: SHEETS
 DR:
 CB
 CK:
 CJ

 DATE:
 08/24
 DATE:
 08/24
 SITE 06 | SCALE: 1"=20' 34







F.H.W.A. NO. | TOTAL STATE PROJ. NO. REGION ARIZ. 35 102 ST89330268-1

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

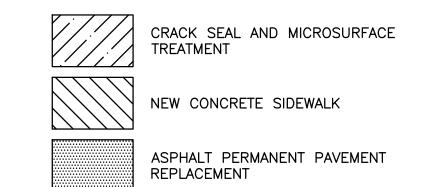
CB	DES: GS	CK: CJ
E:08/24	DATE: 08/24	DATE: 08/24
CONS	STRUCTION	NOTES

CONSTRUCTION NOTES			
NO.	DESCRIPTION	UNIT	QTY
1	CONSTRUCT ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT PER STRUCTURAL SECTION NO. 1, MAG 336 AND COP SUPPLEMENTS	SY	34
2	CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE A	LF	143
3	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 (4" THICK)	SF	783
4	INSTALL TRUNCATED DOMES PER COP STD DTL P1232	SF	42
7	CONSTRUCT CONCRETE RADIAL CURB RAMP PER MAG STD DTL 236-2 (MOD SEE STAKING DTL) (9" THICK)	SF	754
21	RELOCATE EXISTING WATER METER BOX PER COP STD DTL P1342 AT LOCATION SHOWN. NEW SERVICE PIPE AND CONNECTION TAP REQUIRED PER COP STD SPEC 610.4.8. CONTRACTOR TO COORDINATE THE ABANDONMENT OF THE EXISTING SERVICE	EA	1
24	APPLY CRACK SEAL AND MICROSURFACE TREATMENT PER MAG 331, COP STREET PAVEMENT CUT POLICY, AND SPECIAL PROVISIONS	SY	1648
25	FURNISH AND INSTALL DECOMPOSED GRANITE PER MAG 430, 2" THICK. CONTRACTOR TO PROVIDE COLOR AND SIZE SAMPLES TO BE APPROVED BY CITY.	CY	5
40	CONSTRUCT CONCRETE CURB RAMP PER COP STD DTL P1241-1 (MOD SEE STAKING DTL) (4" THICK)	SF	235
51	ADJUST EXISTING GAS VALVE FRAME AND COVER TO GRADE PER MAG STD DTL 391-1 & 391-2	EA	3

WORK	BY	OTHERS

NO.	DESCRIPTION	UNIT	QTY
2	RELOCATE EXISTING UNDERGROUND ELECTRIC LINE (APS) (BY OTHERS)	EA	

LEGEND



NEW TRUNCATED DOMES

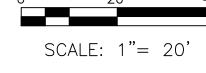


NEW TRAFFIC SIGNAL POLE FOUNDATION (FOR REFERENCE ONLY. SEE TRAFFIC SIGNAL PLANS)

I. SEE RAMP STAKING PLAN FOR CURB, RAMP, AND SIDEWALK LAYOUT INFORMATION.

2. ALL EXISTING SITE FEATURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THE PROJECT PLANS.

3. CUT/FILL BEHIND SIDEWALKS ARE TO BE GRADED AT 6:1, UNLESS NOTED OTHERWISE. Contact Arizona 811 at least two full





PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28 THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

RAMP IMPROVEMENT PLAN

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

FY2021 Federal TAP HAWK Installation

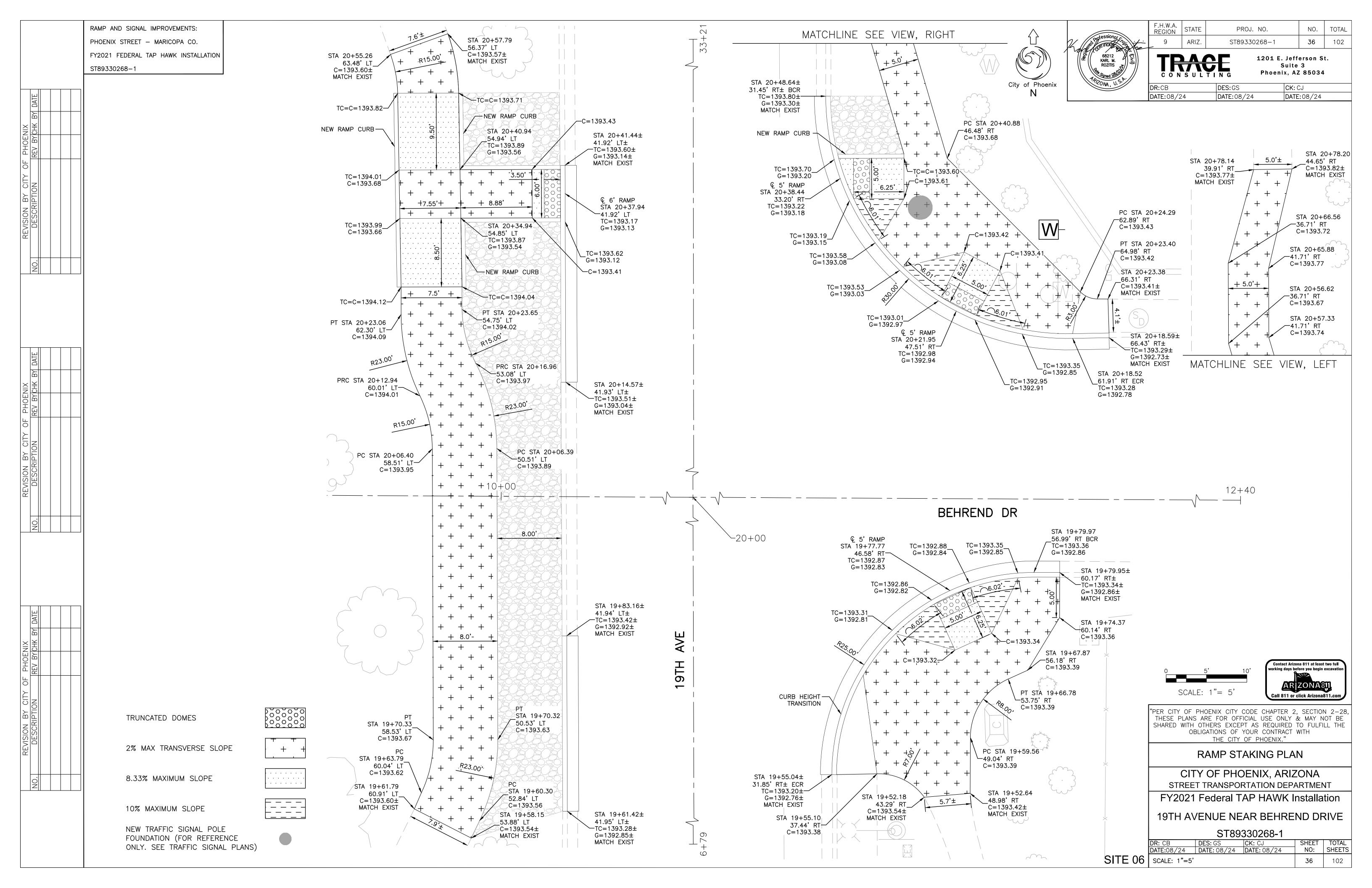
19TH AVENUE NEAR BEHREND DRIVE

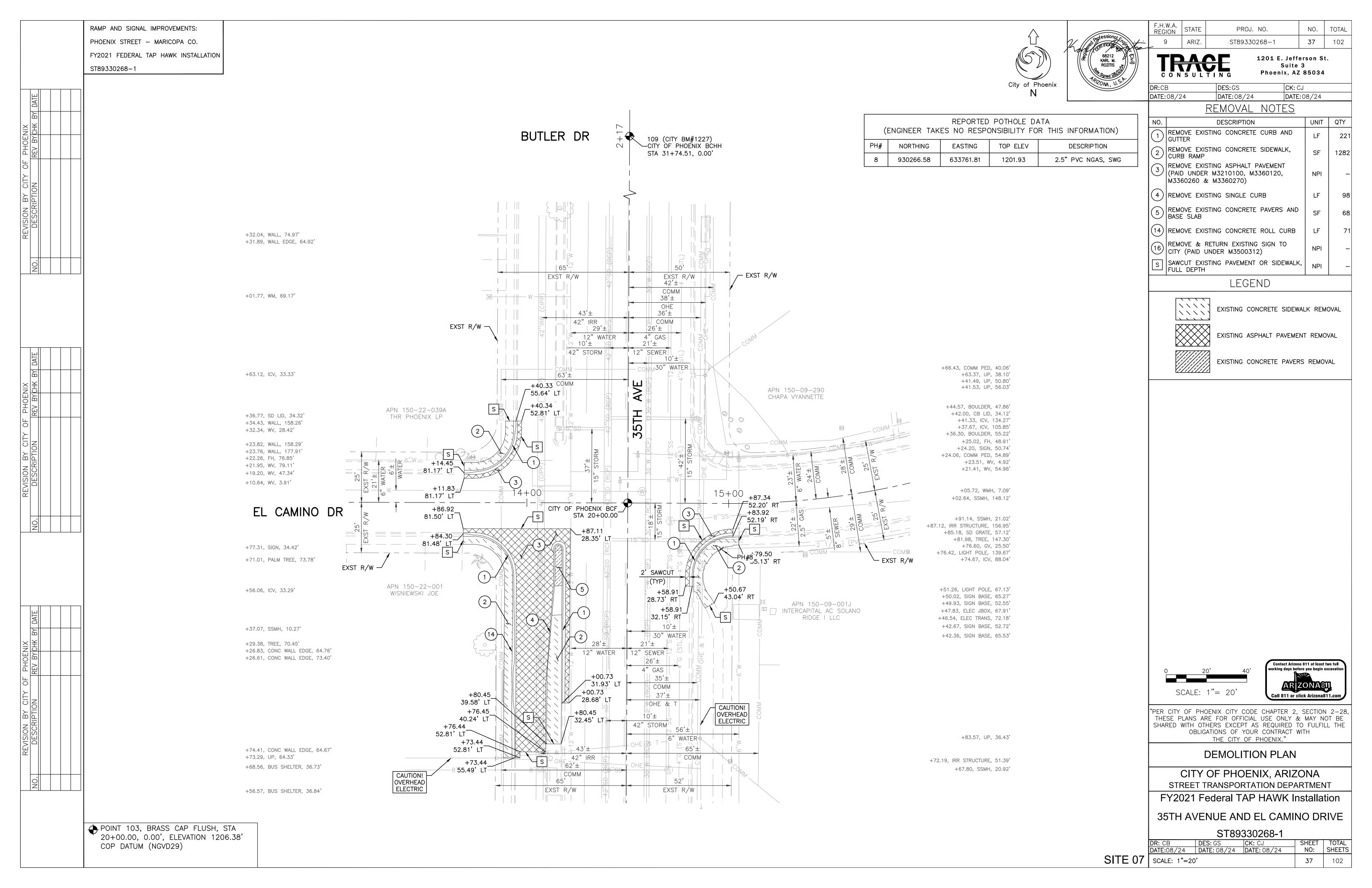
ST89330268-1

SHEET TOTAL NO: SHEETS
 DR: CB
 DES: GS
 CK: CJ

 DATE: 08/24
 DATE: 08/24
 DATE: 08/24
 35 102

SITE 06 | SCALE: 1"=20'





RAMP AND SIGNAL IMPROVEMENTS: PHOENIX STREET - MARICOPA CO. FY2021 FEDERAL TAP HAWK INSTALLATION ST89330268-1 City of Phoenix REPORTED POTHOLE DATA (ENGINEER TAKES NO RESPONSIBILITY FOR THIS INFORMATION) BUTLER DR NORTHING **EASTING** TOP ELEV DESCRIPTION 109 (CITY BM#1227) -CITY OF PHOËNIX BCHI 930266.58 633761.81 1201.93 2.5" PVC NGAS, SWG STA 31+74.51, 0.00' +32.04, WALL, 74.97' +31.89, WALL EDGE, 64.92' ∥65'≂ - EXST R/W EXST R/W EXST R/W 42'±√ COMM +01.77, WM, 69.17 38'± OHE | | 43'± 36'± 42" IRR COMM EXST R/W -| 29'±∄ 26'± || 4" GAS 12" WATER +66.00 10'± 36.27' LT 12" SEWER 42" STORM 54.94' LT 10'± - COMM30" WATER +66.43, COMM PED, 40.06' +63.37, UP, 38.10' +63.12, ICV, 33.33' EXIST CATCH BASIN +41.49, UP, 50.80' +50.00 PROTECT IN PLACE +41.53, UP, 56.03' +50.00 APN 150-09-290 30.67' LT CHAPA VYANNETTE 55.64' LT-+44.57, BOULDER, 47.86' EXIST CATCH BASIN APN 150-22-039A PROTECT IN PLACE +42.00, CB LID, 34.12' +36.77, SD LID, 34.32' THR PHOENIX LP +41.33, ICV, 134.27 +34.43, WALL, 158.26' +37.67, ICV, 105.85 +17.89 +32.34, WV, 28.42' +36.30, BOULDER, 55.22' 79.05' RT +25.02, FH, 48.91' +23.82, WALL, 158.29' +24.20, SIGN, 50.74' +23.76, WALL, 177.91' +24.06, COMM PED, 54.89' +22.26, FH, 76.85' +23.51, WV, 4.92' +21.95, WV, 79.11' +21.41, WV, 54.96' +19.20, WV, 47.34' _+13.94 +10.64, WV, 3.91' ์ 112.04'LT CITY OF PHOENIX BCF 15+00 52.19' RT +05.72, WMH, 7.09' STA 20+00.00 +02.64, SSMH, 148.12' EL CAMINO DR +91.14, SSMH, 21.02' +87.12, IRR STRUCTURE, 156.95' +85.18, SD GRATE, 57.12' +84.30 +81.98, TREE, 147.30' +76.60, GV, 25.50' +77.31, SIGN, 34.42' +76.42, LIGHT POLE, 139.67' +71.01, PALM TREE, 73.78' +74.67, ICV, 88.04' - EXST R/W +86.18 EXST R/W _79.05'RT EXIST CATCH BASIN PROTECT IN PLACE APN 150-22-001 +51.26, LIGHT POLE, 67.13' +56.06, ICV, 33.29' WISNIEWSKI JOE ∕32.15'RT/ +50.02, SIGN BASE, 65.27' +49.93, SIGN BASE, 52.55' APN 150-09-001J INTERCAPITAL AC SOLANO +47.83, ELEC JBOX, 67.91' RIDGE I LLC +46.54, ELEC TRANS, 72.18' +42.67, SIGN BASE, 52.72' +37.07, SSMH, 10.27 30" WATER +42.36, SIGN BASE, 65.53' +29.38, TREE, 70.45' +26.83, CONC WALL EDGE, 64.76' 12" SEWER +26.61, CONC WALL EDGE, 73.40' 26'±/ 4" GAS 35'± COMM/ CAUTION! ົ∕31.93'LT∫ OVERHEAD ✓ ME +79.95 ELECTRIC +83.57, UP, 36.43' /+75.00 +75.00 +74.41, CONC WALL EDGE, 64.67' 30.84' RT +73.29, UP, 64.33' +73.44-__43[']±_ +72.19, IRR STRUCTURE, 51.39' 65'± .55.04' LT-+68.56, BUS SHELTER, 36.73' +67.80, SSMH, 20.92' -42" IRR-COMM CAUTION! -OVERHEAD ELECTRIC 62'± COMM EXST R/W +56.57, BUS SHELTER, 36.84' _65**'** EXST R/W 55.03' LT **_**+48.00 POINT 103, BRASS CAP FLUSH, STA 20+00.00, 0.00', ELEVATION 1206.38' COP DATUM (NGVD29)

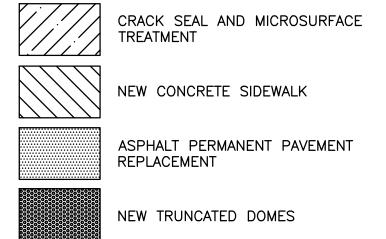
	F.H.W.A. REGION	STATE	PROJ. NO.	NO.	TOTAL
<u></u>	9	ARIZ.	ST89330268-1	38	102

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

DR:CB	DES: GS	CK: CJ
DATE: 08/24	DATE: 08/24	DATE: 08/24
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CONSTRUCTION NOTES			
NO.	DESCRIPTION	UNIT	QTY
1	CONSTRUCT ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT PER STRUCTURAL SECTION NO. 1, MAG 336 AND COP SUPPLEMENTS	SY	72
2	CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE A	LF	207
3	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 (4" THICK)	SF	1421
4	INSTALL TRUNCATED DOMES PER COP STD DTL P1232	SF	46
11	CONSTRUCT CONCRETE RADIAL CURB RAMP PER MAG STD DTL 236-1 (MOD SEE STAKING DTL) (9" THICK).	SF	710
13	CONSTRUCT 5' CONCRETE CURB TRANSITION TO ROLL CURB PER MAG STD DTL 221 (PAID UNDER M3402201)	NPI	_
15	CONSTRUCT CONCRETE RADIAL CURB RAMP (COMPACT) PER MAG STD DTL 236-3 (MOD SEE STAKING DTL) (9" THICK)	SF	497
19	ADJUST EXISTING WATER VALVE FRAME AND COVER TO GRADE PER COP STD DTL P1391, TYPE A. INSTALL DEBRIS CAP WITH LOCATOR COIL PER COP STD DTL P1165.	EA	1
24	APPLY CRACK SEAL AND MICROSURFACE TREATMENT PER MAG 331, COP STREET PAVEMENT CUT POLICY, AND SPECIAL PROVISIONS	SY	1762
25	FURNISH AND INSTALL DECOMPOSED GRANITE PER MAG 430, 2" THICK. CONTRACTOR TO PROVIDE COLOR AND SIZE SAMPLES TO BE APPROVED BY CITY.	CY	6
46	ADJUST EXISTING FIRE HYDRANT TO GRADE PER COP STD DTL P1360	EA	1
51	ADJUST EXISTING GAS VALVE FRAME AND COVER TO GRADE PER MAG STD DTL 391-1 & 391-2	EA	1

LEGEND



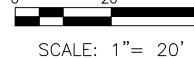
NEW DECOMPOSED GRANITE

NEW TRAFFIC SIGNAL POLE FOUNDATION (FOR REFERENCE ONLY. SEE TRAFFIC SIGNAL PLANS)

I. SEE RAMP STAKING PLAN FOR CURB, RAMP, AND SIDEWALK LAYOUT INFORMATION.

2. ALL EXISTING SITE FEATURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THE PROJECT PLANS.

3. CUT/FILL BEHIND SIDEWALKS ARE TO BE GRADED AT 6:1, UNLESS NOTED OTHERWISE.





PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28 THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

RAMP IMPROVEMENT PLAN

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

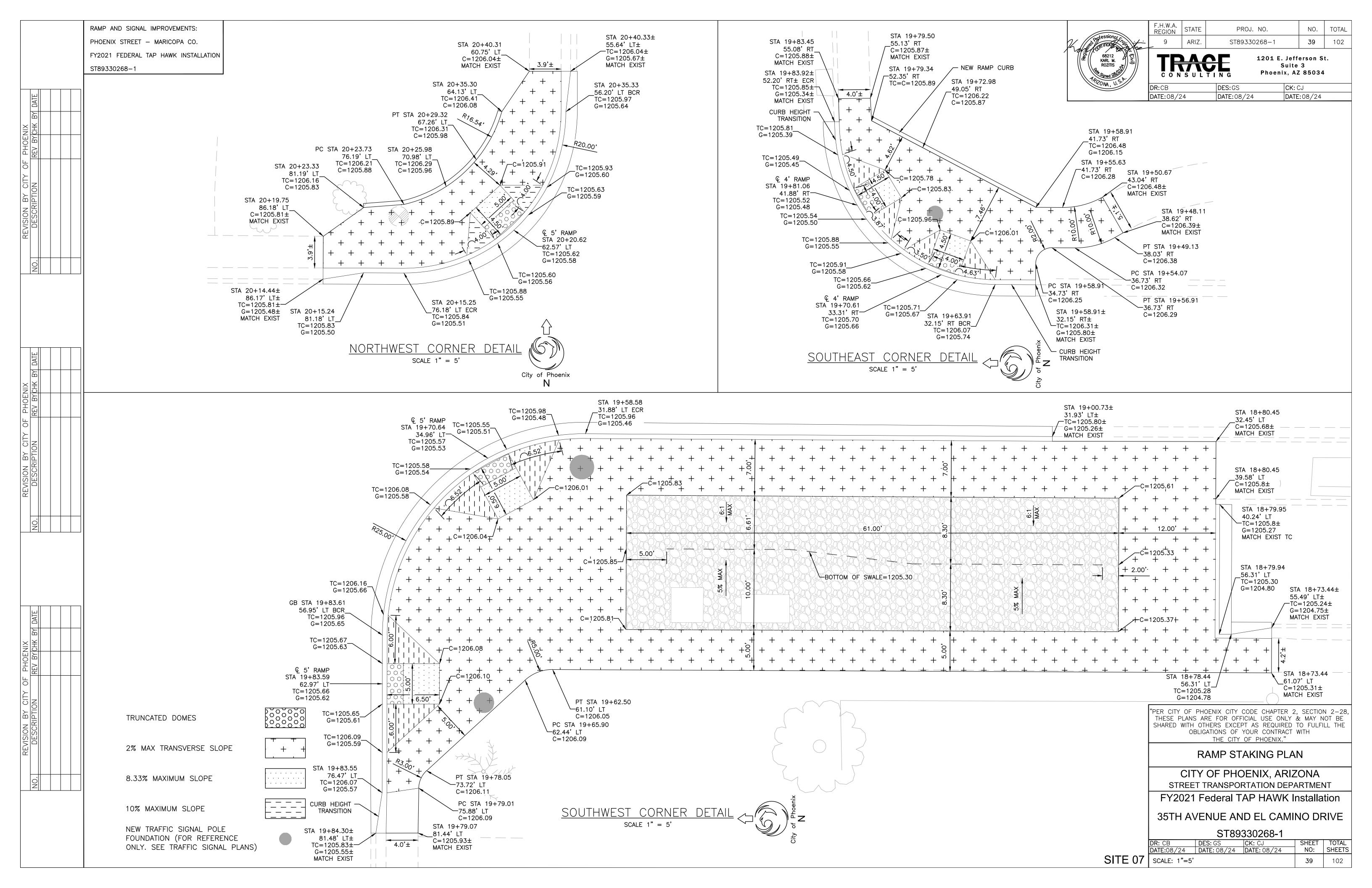
FY2021 Federal TAP HAWK Installation

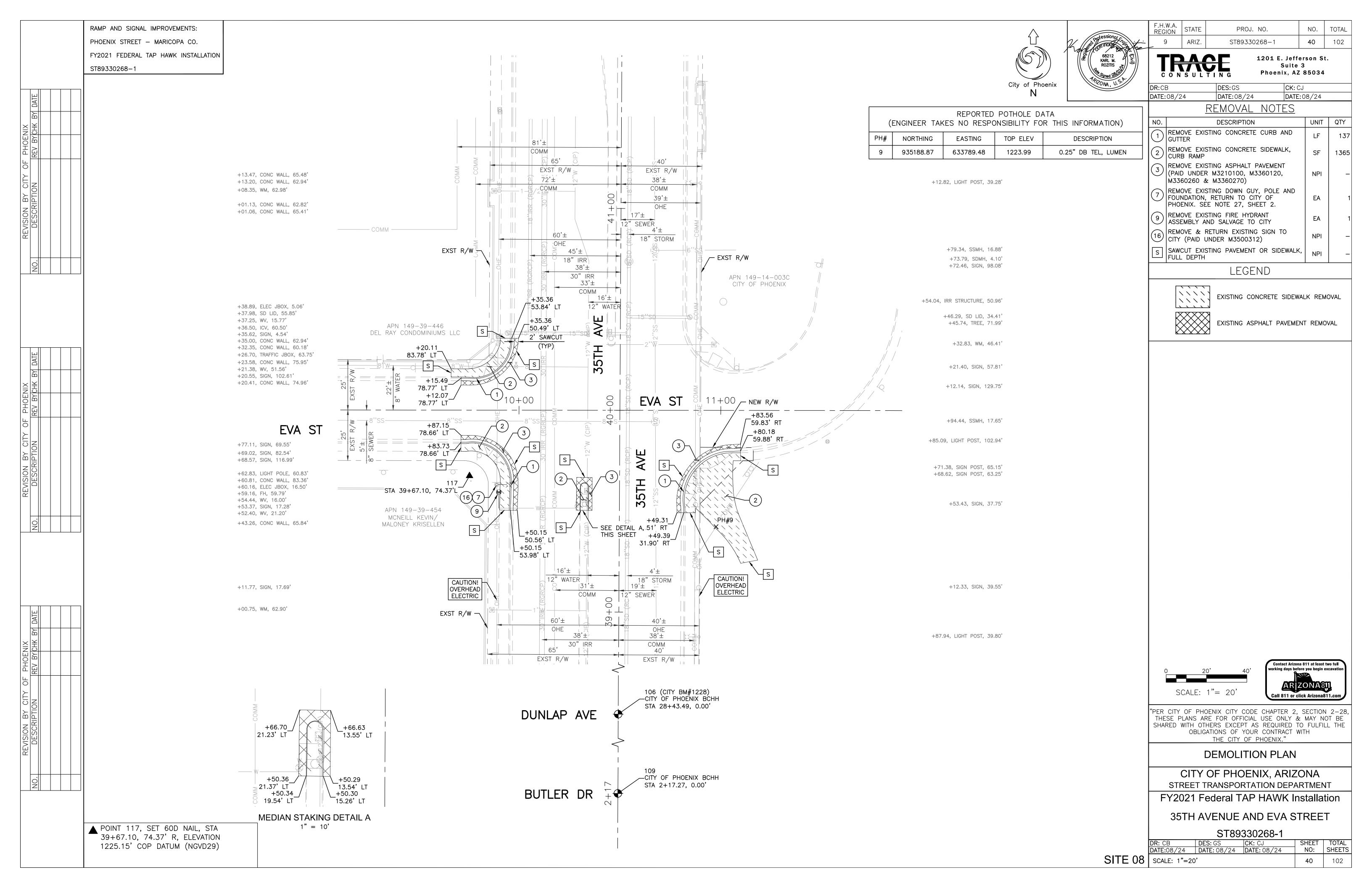
35TH AVENUE AND EL CAMINO DRIVE

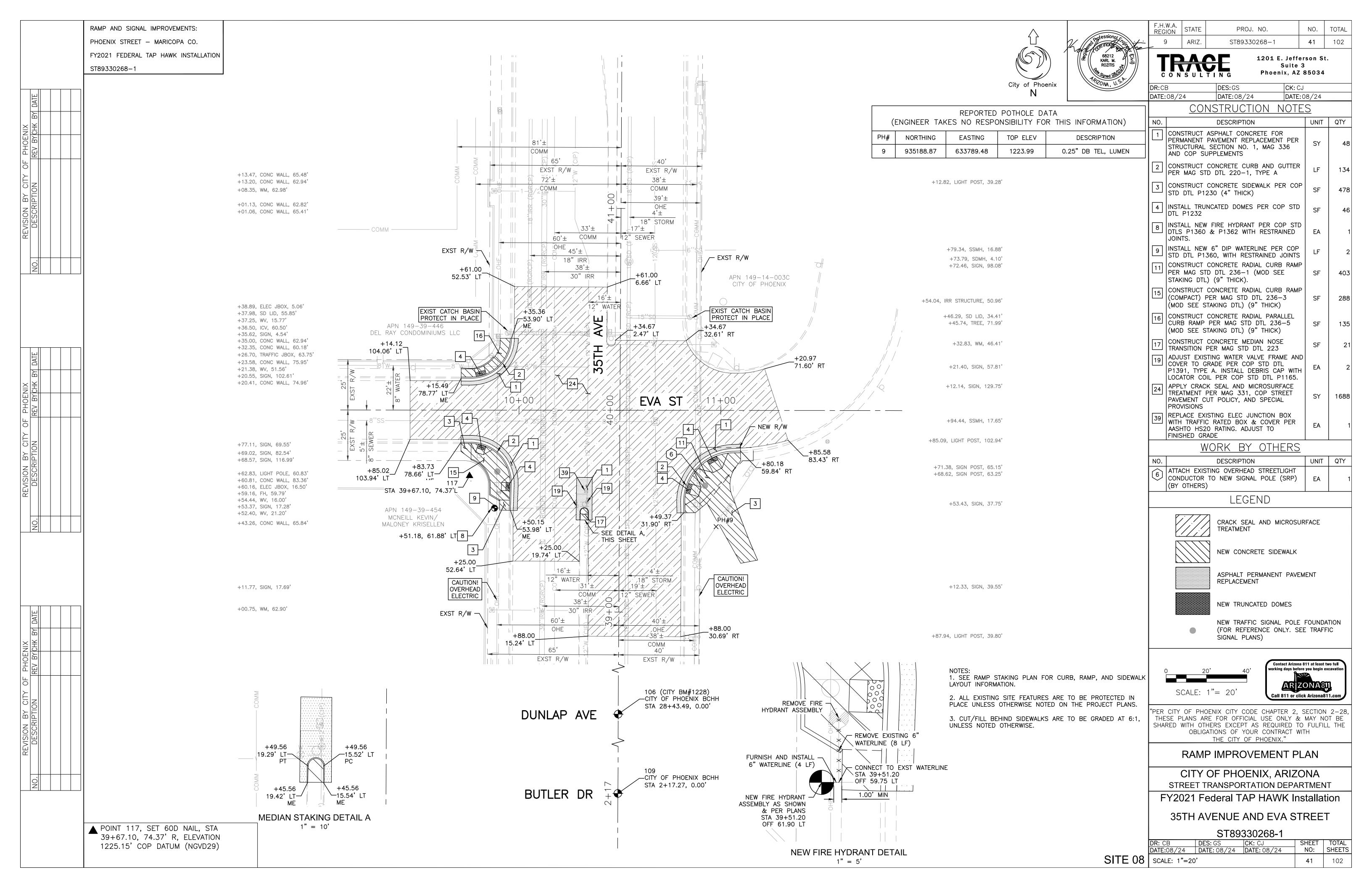
ST89330268-1

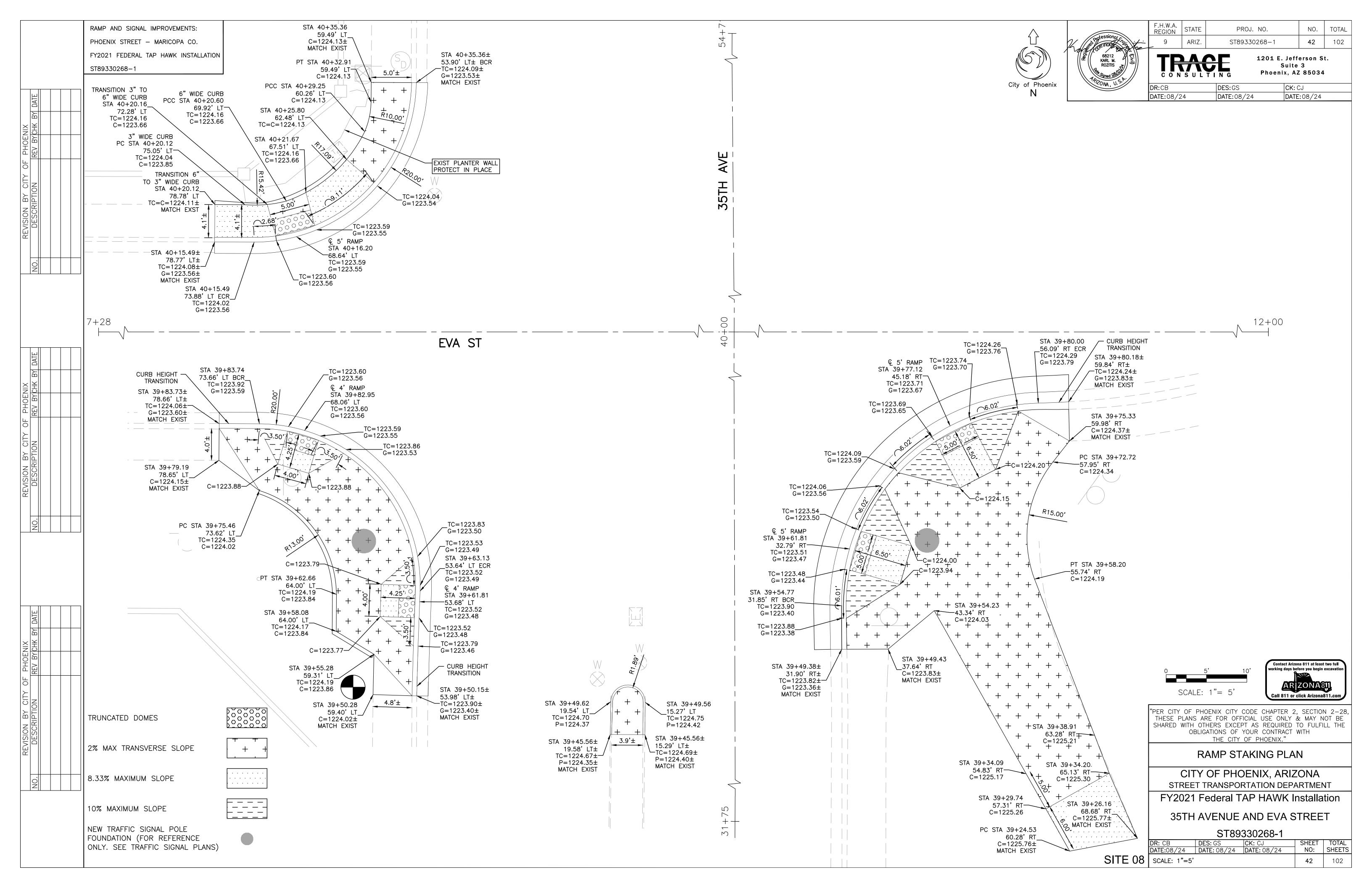
SHEET TOTAL NO: SHEETS
 DR: CB
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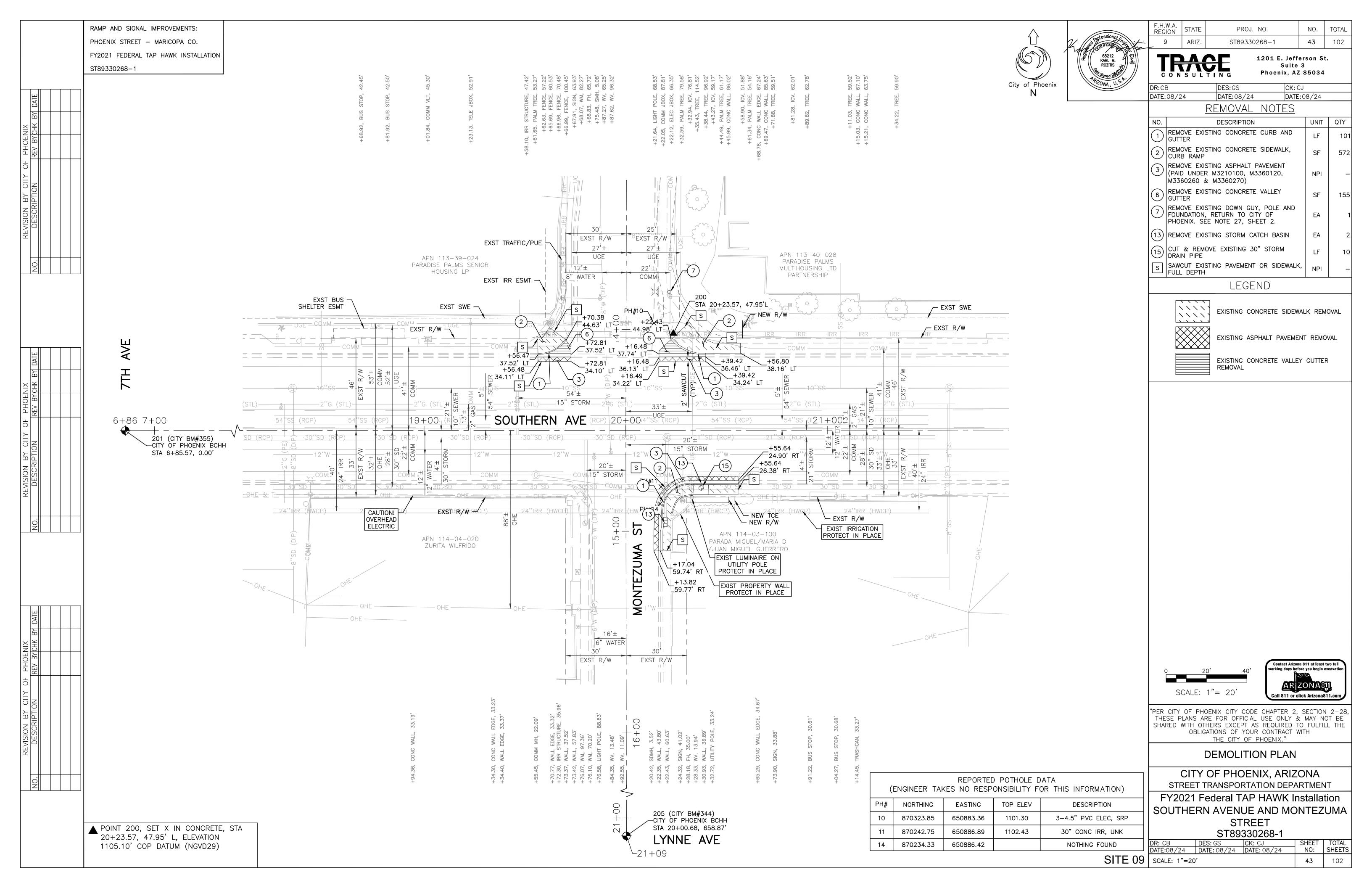
 DATE:08/24
 DATE: 08/24
 DATE: 08/24
 SITE 07 | SCALE: 1"=20' 38

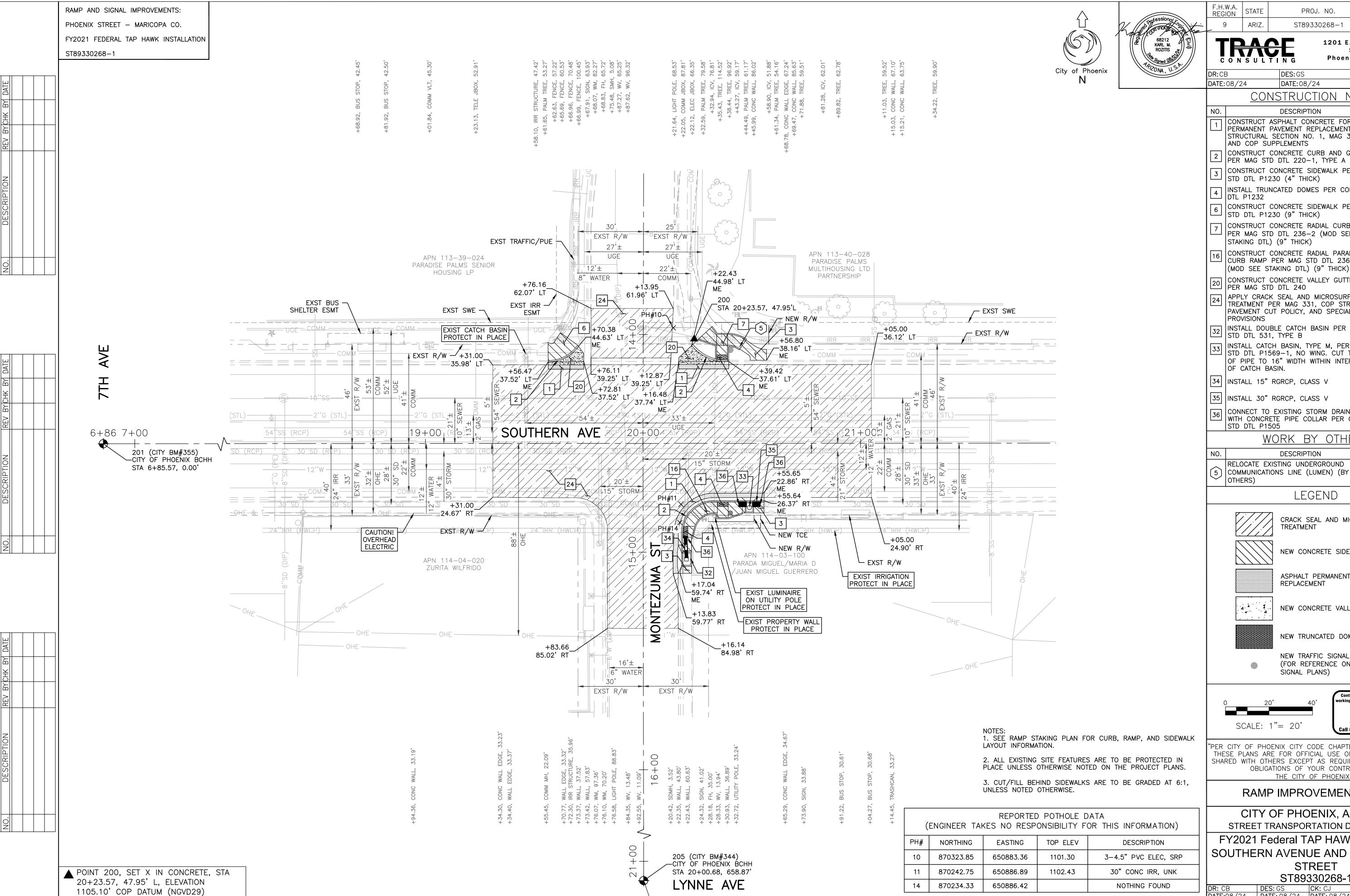












-21+09

NO. | TOTAL STATE PROJ. NO. ARIZ. 44 ST89330268-1

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

CK: CJ DATE: 08/24 DATE: 08/24 CONSTRUCTION NOTES

			· ·	
10.	DESCRIPTION	UNIT	QTY	
1	CONSTRUCT ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT PER STRUCTURAL SECTION NO. 1, MAG 336 AND COP SUPPLEMENTS	SY	24	
2	CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE A	LF	100	
3	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 (4" THICK)	SF	102	
4	INSTALL TRUNCATED DOMES PER COP STD DTL P1232	SF	30	
6	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 (9" THICK)	SF	103	
7	CONSTRUCT CONCRETE RADIAL CURB RAMP PER MAG STD DTL 236-2 (MOD SEE STAKING DTL) (9" THICK)	SF	121	
16	CONSTRUCT CONCRETE RADIAL PARALLEL CURB RAMP PER MAG STD DTL 236-5 (MOD SEE STAKING DTL) (9" THICK)	SF	199	
20	CONSTRUCT CONCRETE VALLEY GUTTER PER MAG STD DTL 240	SF	157	
24	APPLY CRACK SEAL AND MICROSURFACE TREATMENT PER MAG 331, COP STREET PAVEMENT CUT POLICY, AND SPECIAL PROVISIONS	SY	1478	
32	INSTALL DOUBLE CATCH BASIN PER MAG STD DTL 531, TYPE B	EA	1	
33	INSTALL CATCH BASIN, TYPE M, PER COP STD DTL P1569-1, NO WING. CUT TOP OF PIPE TO 16" WIDTH WITHIN INTERIOR OF CATCH BASIN.	EA	1	
34	INSTALL 15" RGRCP, CLASS V	LF	10	
35	INSTALL 30" RGRCP, CLASS V	LF	10	
36	CONNECT TO EXISTING STORM DRAIN PIPE WITH CONCRETE PIPE COLLAR PER COP STD DTL P1505	EA	3	
	WORK BY OTHERS			

LEGEND

DESCRIPTION

CRACK SEAL AND MICROSURFACE TREATMENT

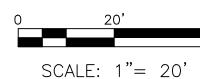
NEW CONCRETE SIDEWALK

ASPHALT PERMANENT PAVEMENT REPLACEMENT

NEW CONCRETE VALLEY GUTTER

NEW TRUNCATED DOMES

NEW TRAFFIC SIGNAL POLE FOUNDATION (FOR REFERENCE ONLY. SEE TRAFFIC SIGNAL PLANS)





UNIT | QTY

EΑ

PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28 THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

RAMP IMPROVEMENT PLAN

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

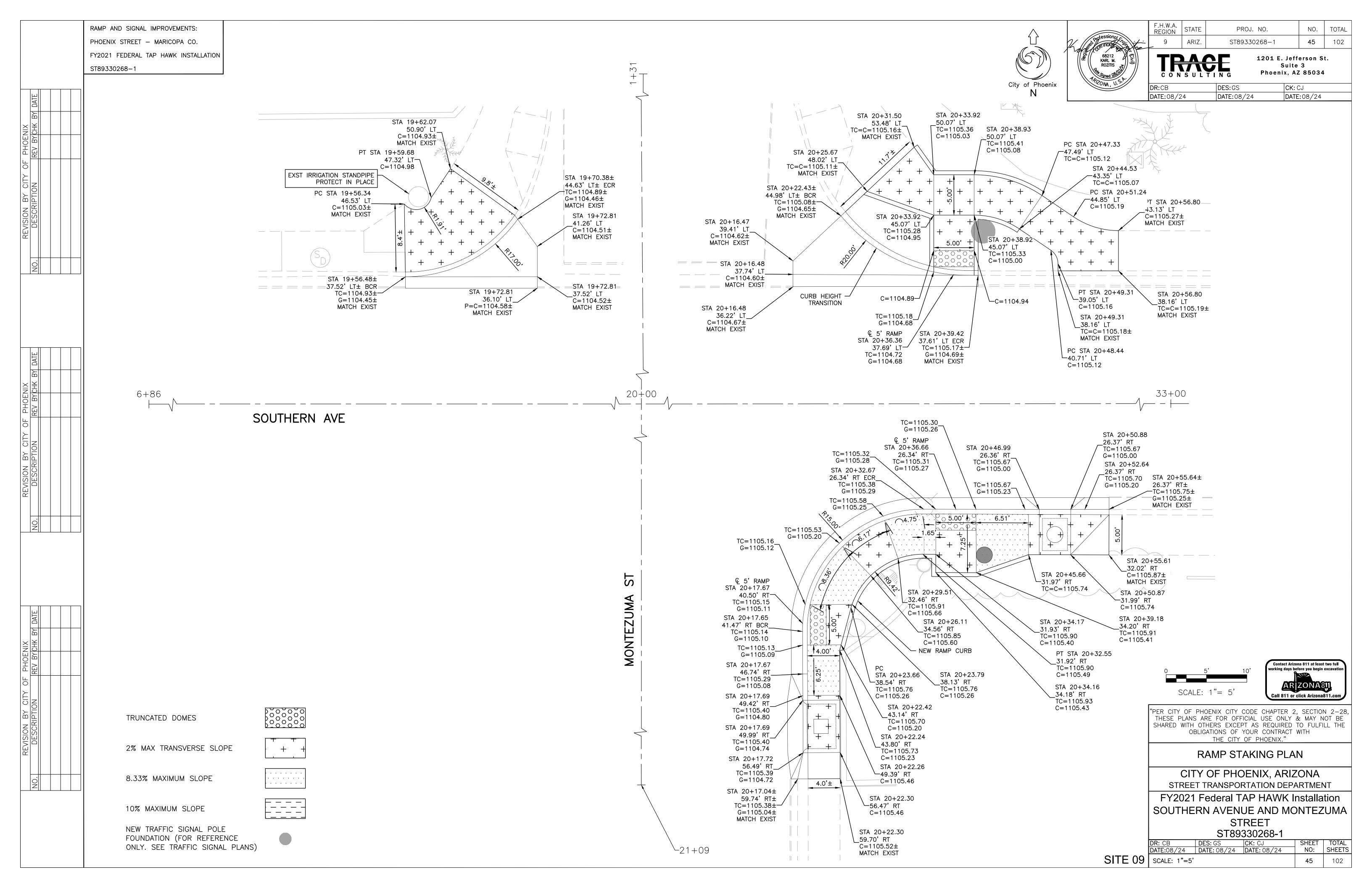
FY2021 Federal TAP HAWK Installation SOUTHERN AVENUE AND MONTEZUMA

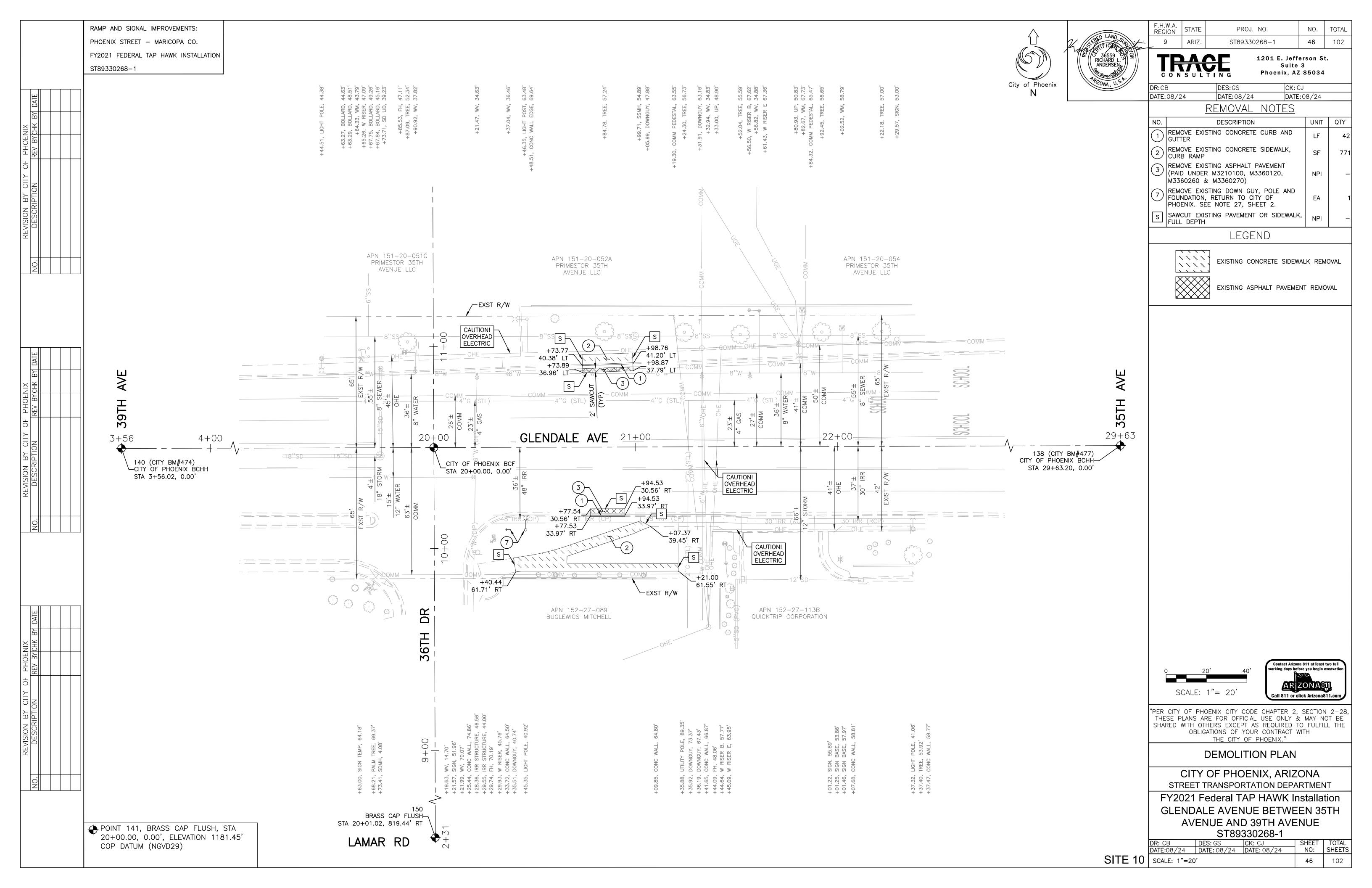
STREET ST89330268-1

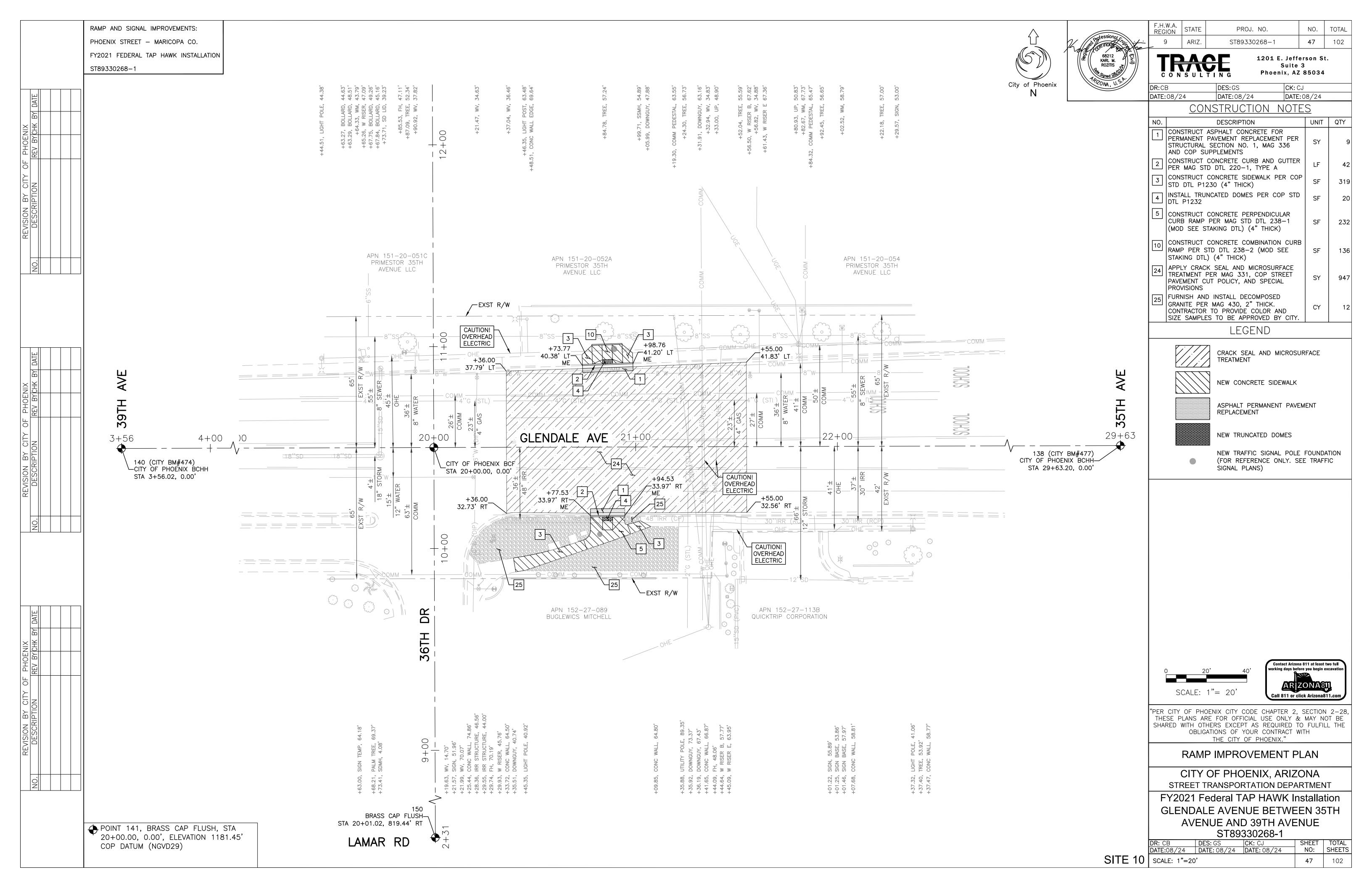
SITE 09 | SCALE: 1"=20'

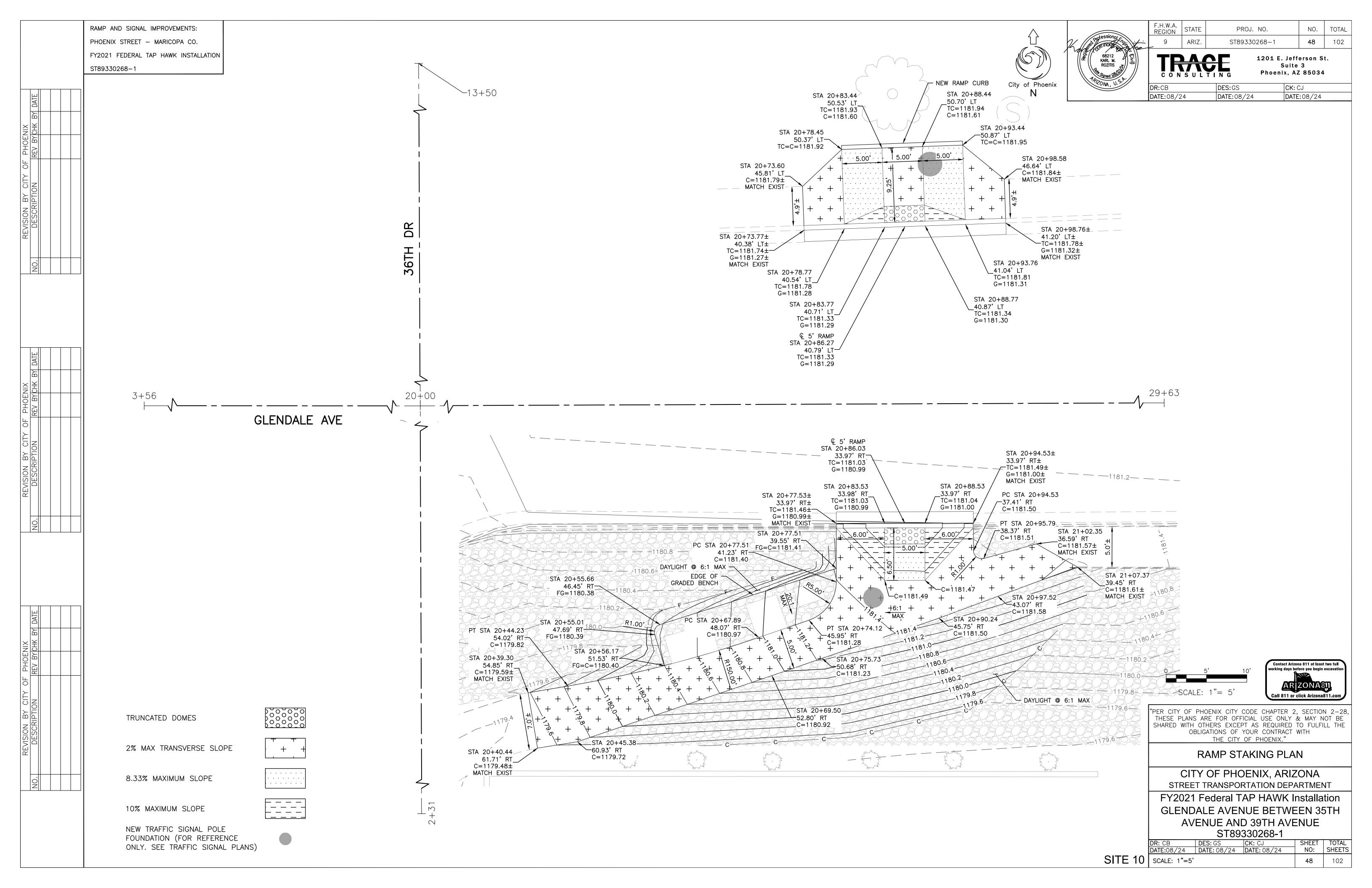
SHEET TOTAL NO: SHEETS
 DR: CB
 DES: GS
 CK: CJ

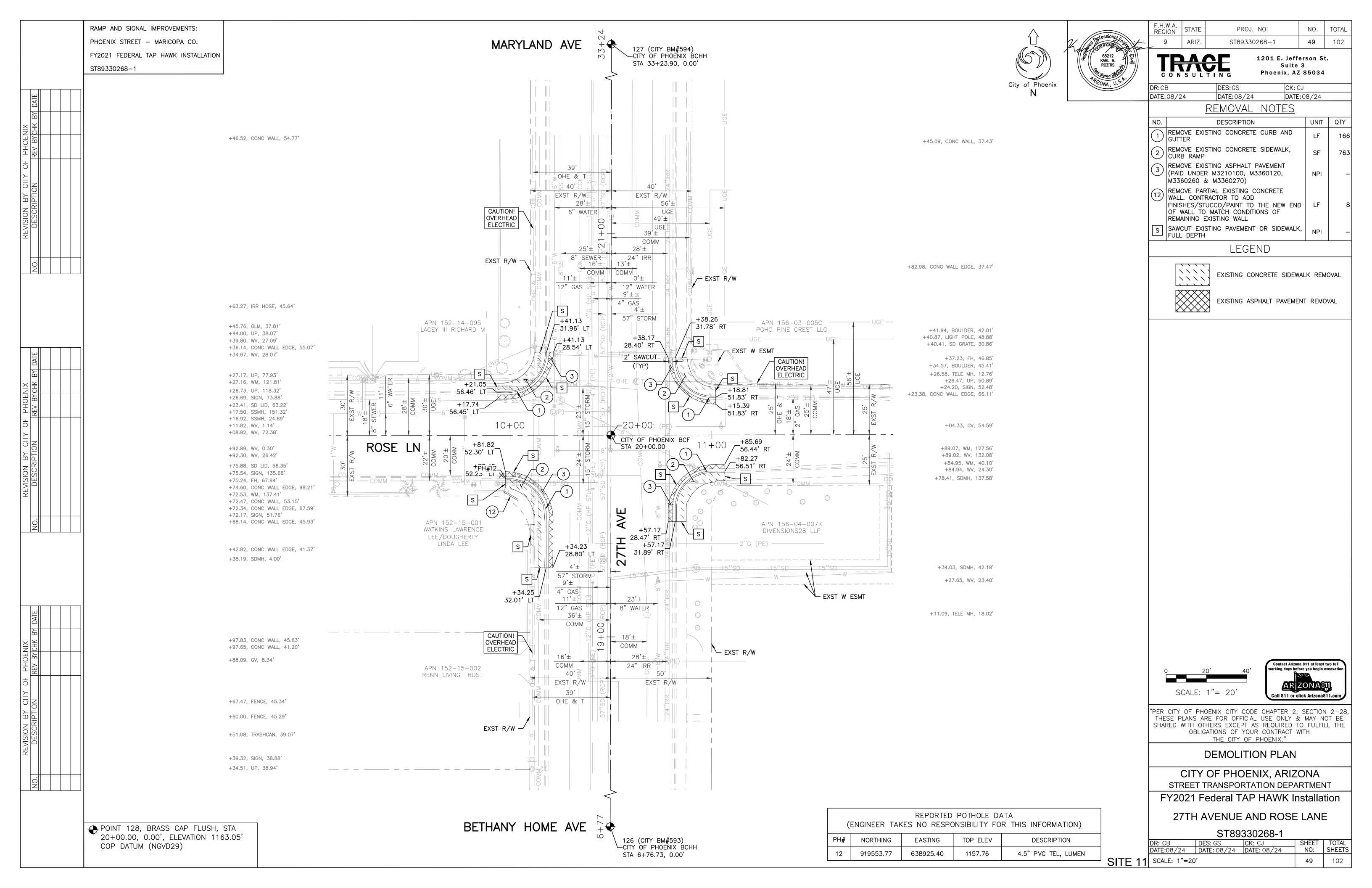
 DATE: 08/24
 DATE: 08/24
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 44

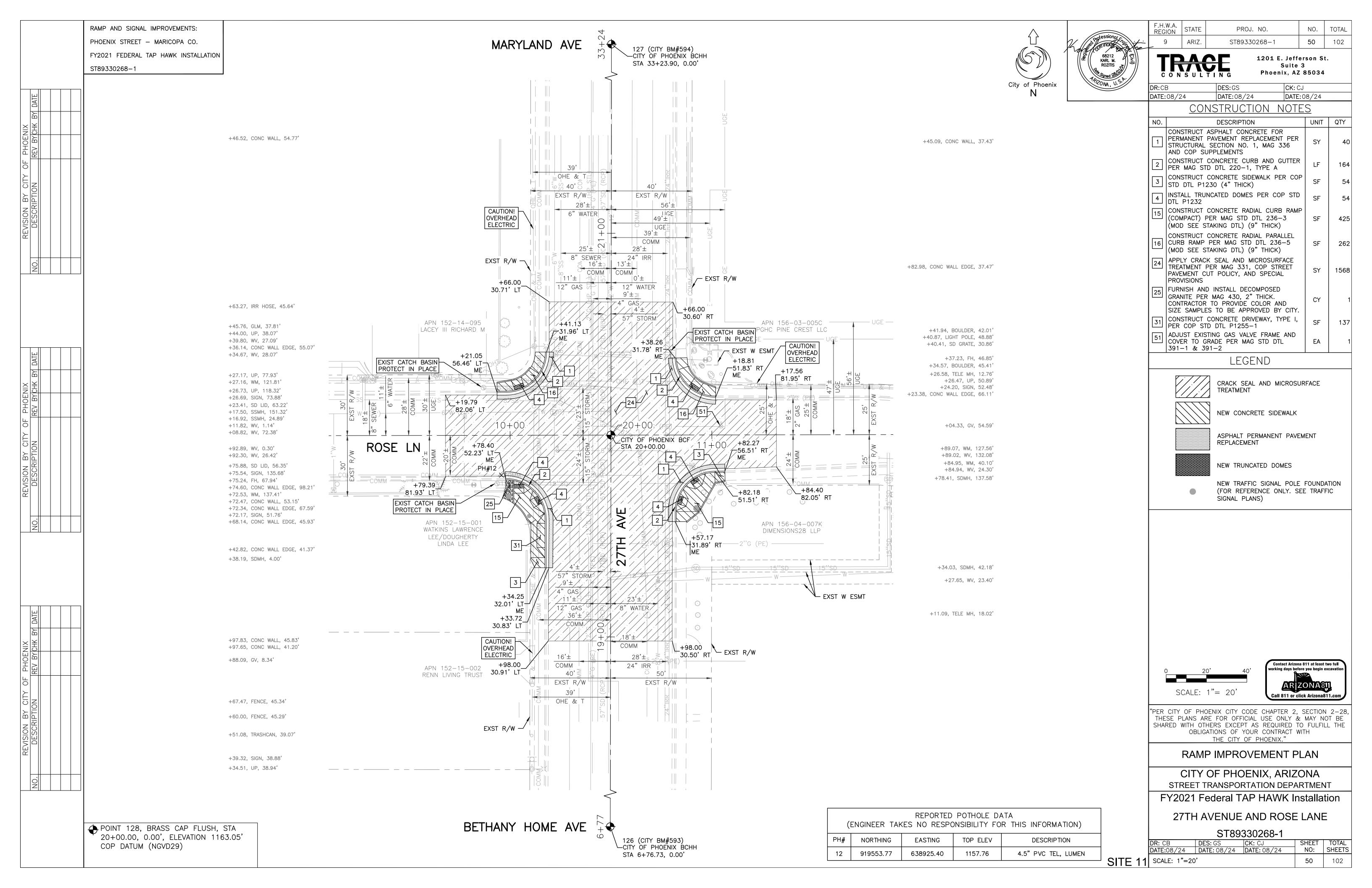


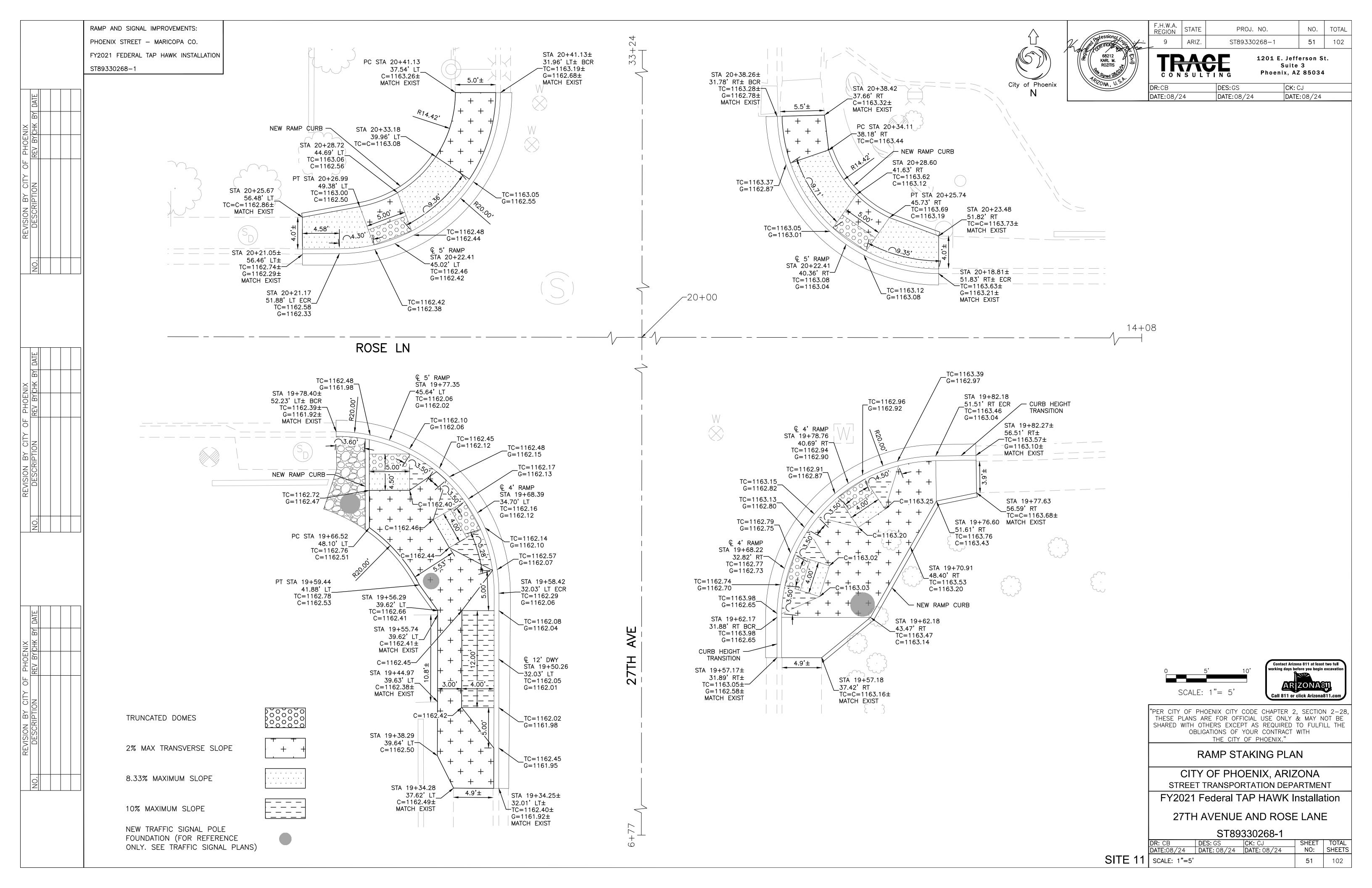


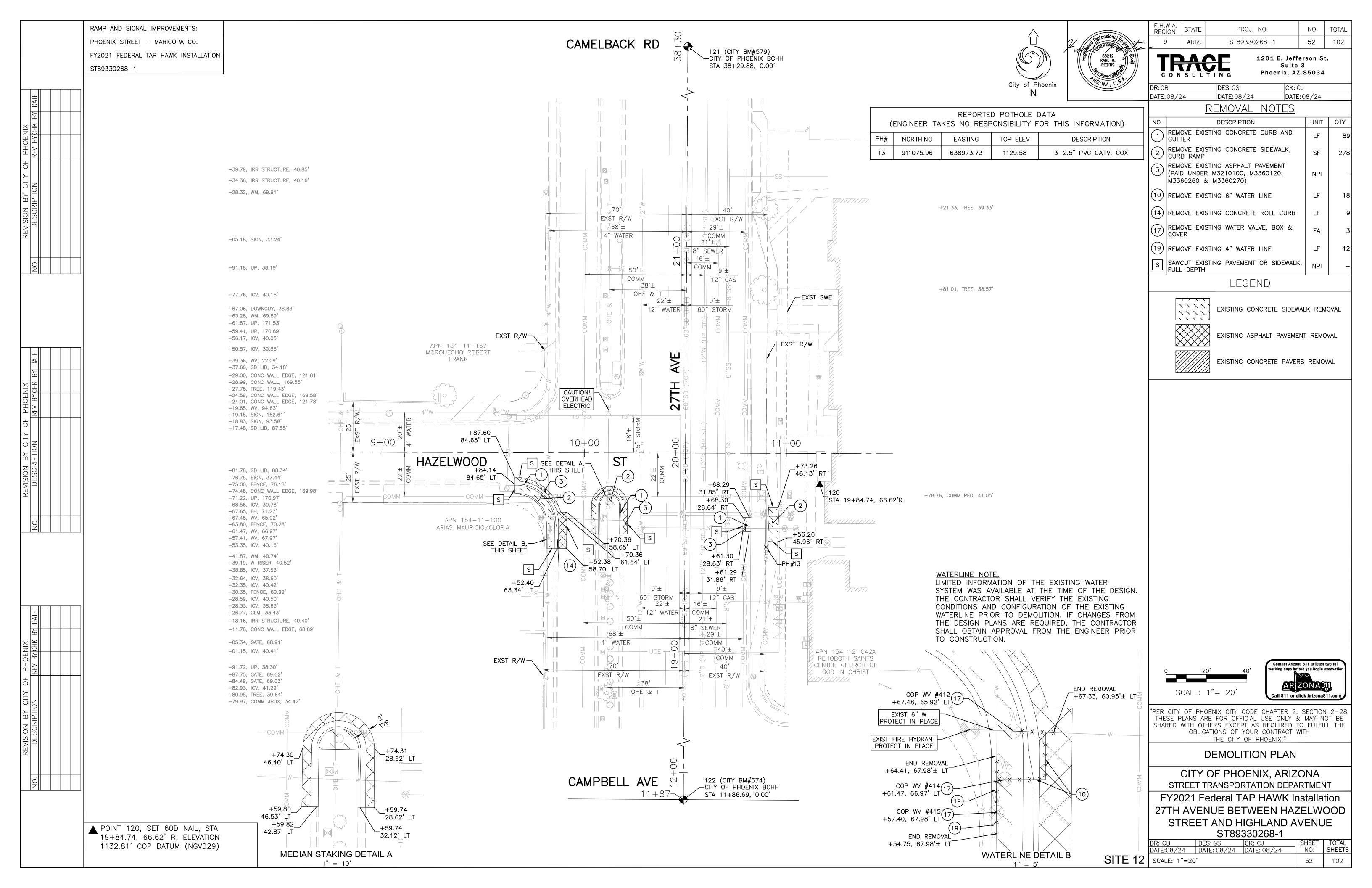


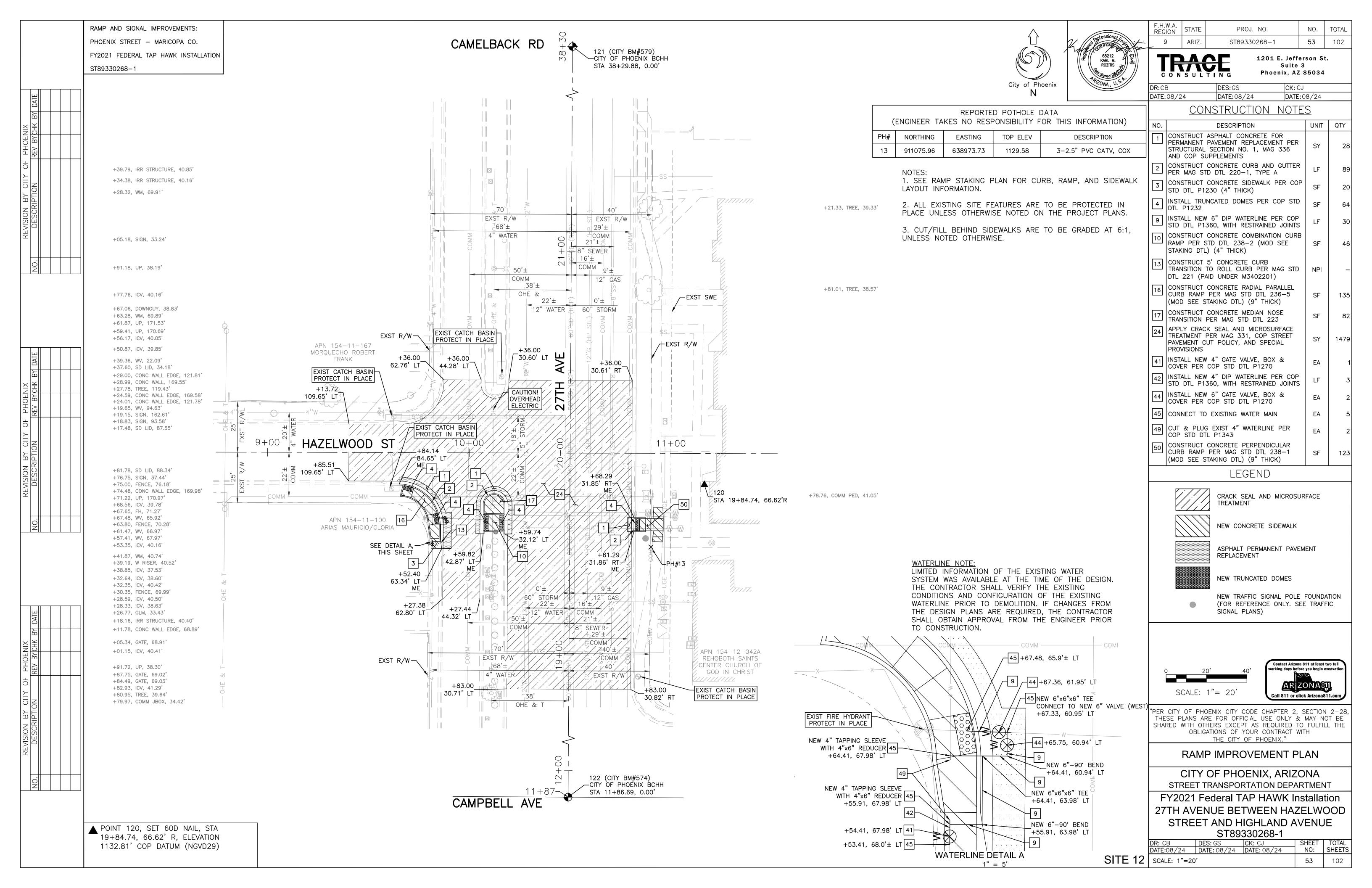


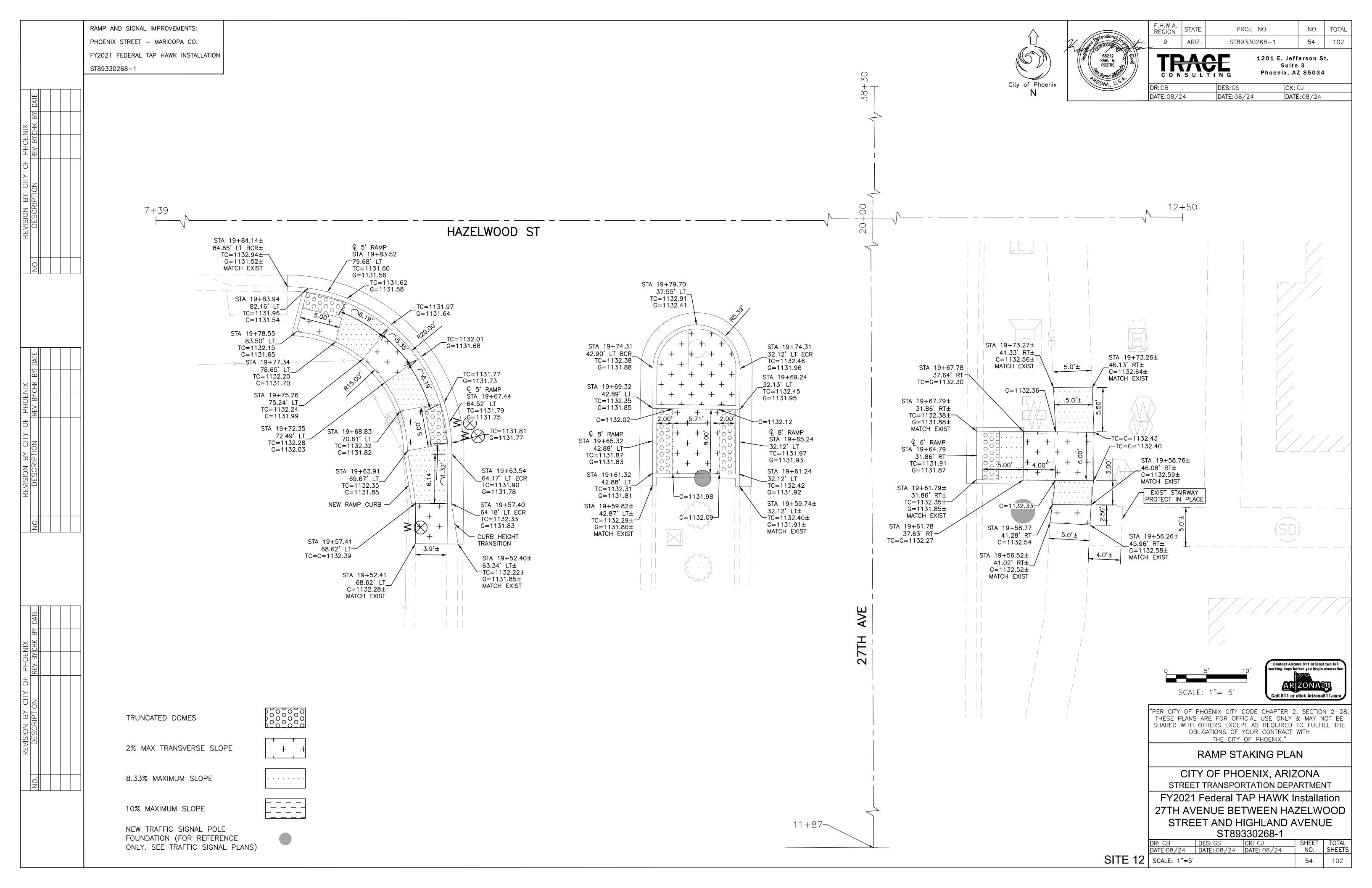


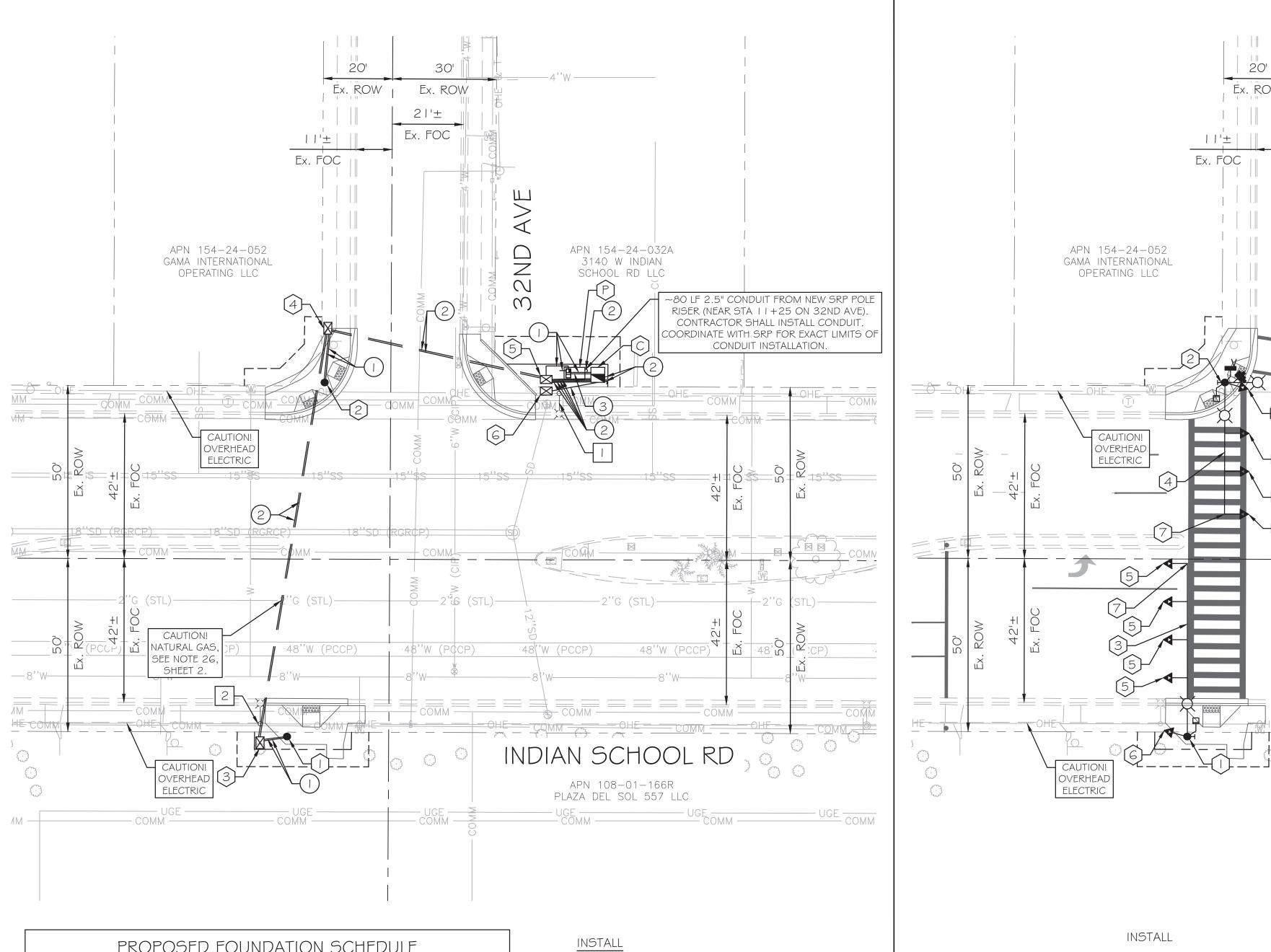












	PROPOSED FOUNDATION SCHEDULE			
NO	TYPE	OFFSET FROM INDIAN SCHOOL RD CL	OFFSET FROM 32ND AVE CL	
Р	PSP*	53.9 ft. NORTH	53.0 ft. EAST	
С	CONT	53.6 ft. NORTH	59.8 ft. EAST	
ı	P70	51.3 ft. SOUTH	29.3 ft. WEST	
2	P45	51.0 ft. NORTH	19.1 ft. WEST	

PSP* - Type "B" Power Service Pedestal Foundation

	PROPOSED JUNCTION BOX SCHEDULE			
NC) TYPE	OFFSET FROM INDIAN SCHOOL RD CL	OFFSET FROM 32ND AVE CL	
3	#7	53.1 ft. SOUTH	37.2 ft. WEST	
4	#7	66.7 ft. NORTH	18.3 ft. WEST	
5	#7	52.1 ft. NORTH	44.9 ft. EAST	
6	#4	48.8 ft. NORTH	44.9 ft. EAST	

- See Foundation Schedule
- See Junction Box Schedule
- 2" Schedule 40 PVC
- I" Schedule 40 PVC

TO REMAIN

Existing Streetlight, Protect in Place

2-1/2" Schedule 40 PVC

Existing Streetlight, Remove

φЗ Traffic Signal Pole Type P45 w/ 20' Riser and Dual Shoe - I New Type T1 12" Signal Head Mast Arm Mount w/ Plumbizer - 7 New BARRIER

APN 108-01-166R

PLAZA DEL SOL 557 LLC

→ Protected Phase

→ Permitted Phase ← − − Pedestrian Phase

LED Luminaire - 3 New

→ APS Push Button - 2 New

Pedestrian Signal Head - 2 New

(7) Damper - 2 New

(C) 8 Phase Controller Cabinet - I New

Power Service Pedestal w/ Battery Backup - I New

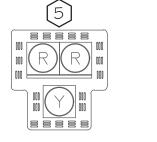
Traffic Signal Pole Type P70 with 5' Riser - I New

50' (M40P70+E10) Signal Mast Arm - 1 New

40' (M30P45+E10) Signal Mast Arm - 1 New

Type T 12" Signal Head Pole Mount - 2 New

Wireless Radio - I New PTZ CCTV Camera - I New



Ex. ROW

 $\sum_{i=1}^{n}$

 \mathcal{C}

APN 154-24-032A

3140 W INDIAN

SCHOOL RD LLC

Type "TI" with Plumbizer 3 Section 12" HAWK Signal Head Mounted on Signal Mast Arm

Type "T" 3 Section 12" HAWK Signal Head Mounted on Signal Pole

EQUIPMENT

Call 811 or click Arizona811.com APPROVED BY: TE: 8/28/2024 TRAFFIC SERVICES
DEPUTY DIRECTOR

Contact Arizona 811 at least two full

AR ZONA 811

traffic signal pole locations.

REGION

GENERAL NOTES:

ARIZ.

DES: GRS

(602-262-6733) a minimum of fourteen (14) calendar days prior to beginning any traffic signal work. Submittals of all equipment shall be furnished to the Signal Shop and approved prior to ordering any traffic

signal equipment. The contractor shall verify they have the current

1.1 The contractor shall notify the City of Phoenix Traffic Signal Shop

sealed. If signal construction has not begun prior to the 365 days elapsing, the signal plans must be re-submitted for approval or an extension granted by the Deputy Director of Traffic Services or an authorized representative to ensure that existing traffic signal equipment locations and standard detail references are current.

I.4 All traffic signal equipment and materials shall follow the current City of \Box Phoenix Traffic Signal Standard Details and Specifications (www.phoenix.gov/streets/reference-material). The contractor shall have | a copy of these standards along with a complete set of approved plans on site at all times during signal and lighting systems construction. The contractor shall have a competent supervisor capable of reading and understanding plans and specifications and thoroughly experienced in shall possess a current International Municipal Signal Association (IMSA) Level II Traffic Signal Electrician Certification and must be on site during | any traffic signal construction activities. It will be the responsibility of the contractor to supply verification of certification. If a jobsite is inspected and a certified Electrician is not on site, a stop work order will be issued.

1.5 The contractor is responsible for the construction of the project; its planning, safety, quality and completion. The City of Phoenix inspection team would make the determination if the work performed meets the criteria and if not, may request that the work be redone at the contractor's expense.

1.6 Foundation elevations must be within 1/4" of finished sidewalk grade.

1.7 A minimum of a four (4) foot clear path is required around all traffic signal poles. A four by four (4x4) flat landing centered on the pedestrian push button must be maintained as provided on the Traffic Signal Standard Details (see note 1.4).

1.8 Contractor shall verify location and orientation of all pole and mast arm mounted equipment on all new traffic signal poles and mast arms with the Traffic Signal shop's representative prior to drilling any holes in the poles or mast arms. Failure to get approval may result in replacement

WORK TO BE PERFORMED BY THE CONTRACTOR

The contractor shall supply all materials and perform all work except as

Traffic Signal representative shall approve marked layout of ADA ramps, junction boxes and foundation locations prior to excavation, prep contractor furnished controller cabinets and internal equipment (contractor to pick up and install controller cabinet), inspect and approve all traffic signal equipment installed by contractor and terminate, test and activate all field wiring into controller cabinet(s).

> PER PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE FURNISHED FOR INSPECTION OR COPYING, EXCEPT AS SPECIFICALLY STATED IN THE CITY CODE, OR AS REQUIRED BY LAW

TRAFFIC SIGNAL PLAN

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

SIGNAL PLAN INDIAN SCHOOL ROAD BETWEEN 33RD DRIVE AND 3 I ST AVENUE

FOUNDATION & EQUIPMENT

PROJECT #: ST89330268-FILE NO: 11686 SHEETS PATE: AUG 24 DATE: AUG 24 DATE: AUG 24 NO: QS. #: 16-21 SCALE: |" = 20"

FOUNDATION

approved plan set prior to starting and ordering any equipment. 1.2 The contractor shall layout all ADA ramps, junction boxes and foundation locations for approval by a traffic signal representative. foundation locations for approval by a traffic signal representative.

Contractor must have a current visible Bluestake showing all utilities. All ADA ramps shall be laid out in white marking paint to determine best 1.3 Traffic Signal Plan approval is valid for 365 calendar days from date

PROJ. NO.

ST89330268-I

CK: HJP

NO. TOTAL

55 | 102

DATE: AUG 24

1201 E. Jefferson St. Suite 3

Phoenix, AZ 85034

of the pole at the contractor's expense.

indicated in note 3.

WORK TO BE PERFORMED BY CITY OF PHOENIX SIGNAL CREWS

PROJ. NO. ST89330268-1

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

56 102

DATE: AUG 24

Note: Refer to City of Phoenix Traffic Signal Section Standard Detail TS 3-4 for additional wiring notes.

20'

APN 154-24-032A 3140 W INDIAN SCHOOL RD LLC

CONNECT TO EXISTING
CITY FIBER

APN 108-01-166R PLAZA DEL SOL 557 LLC

Ex. FOC

APN 154-24-052 GAMA INTERNATIONAL OPERATING LLC

APN 154-24-053 GAMA INTERNATIONAL

OPERATING LLC

Controller to #7 Junction Box

CONDUIT I	CONDUIT 2	CONDUIT 3	CONDUIT 4	CONDUIT 5	CONDUIT 6
#10 Bare Copper #10 AWG White 7C IMSA Cable	#10 Bare Copper CCTV Cable ITS Cable	#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green	Detectible Mule Tape	#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green	Detectible Mule Tape



Power Service Pedestal to #7 Junction Box /P2\ Power Service Pedestal to Controller

CONDUIT I	CONDUIT 2
#10 Bare Copper 5C IMSA Cable 3C IMSA Radio 3C IMSA Luminaire	Stub-Out Detectable Mule Tape



CONDUIT I
#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green 5C IMSA Cable



#7 Junction Box to P45 Pole

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 7C IMSA Cable 3C IMSA Radio 3C IMSA Luminaire 5C IMSA Cable	#10 Bare Copper CCTV Cable



#7 Junction Box to P70 Pole

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 5C IMSA Cable 7C IMSA Cable 3C IMSA Luminaire	Detectable Mule Tape



#7 Junction Box to #7 Junction Box

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 7C IMSA Cable 3C IMSA Radio 3C IMSA Luminaire 5C IMSA Cable 7C IMSA 7C IMSA	#10 Bare Copper CCTV Cable



#7 Junction Box to #7 Junction Box

Contact Arizona 811 at least two full

Call 811 or click Arizona811.com

APPROVED BY:

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 5C IMSA Cable 7C IMSA Cable 3C IMSA Luninaire	Detectable Mule Tape

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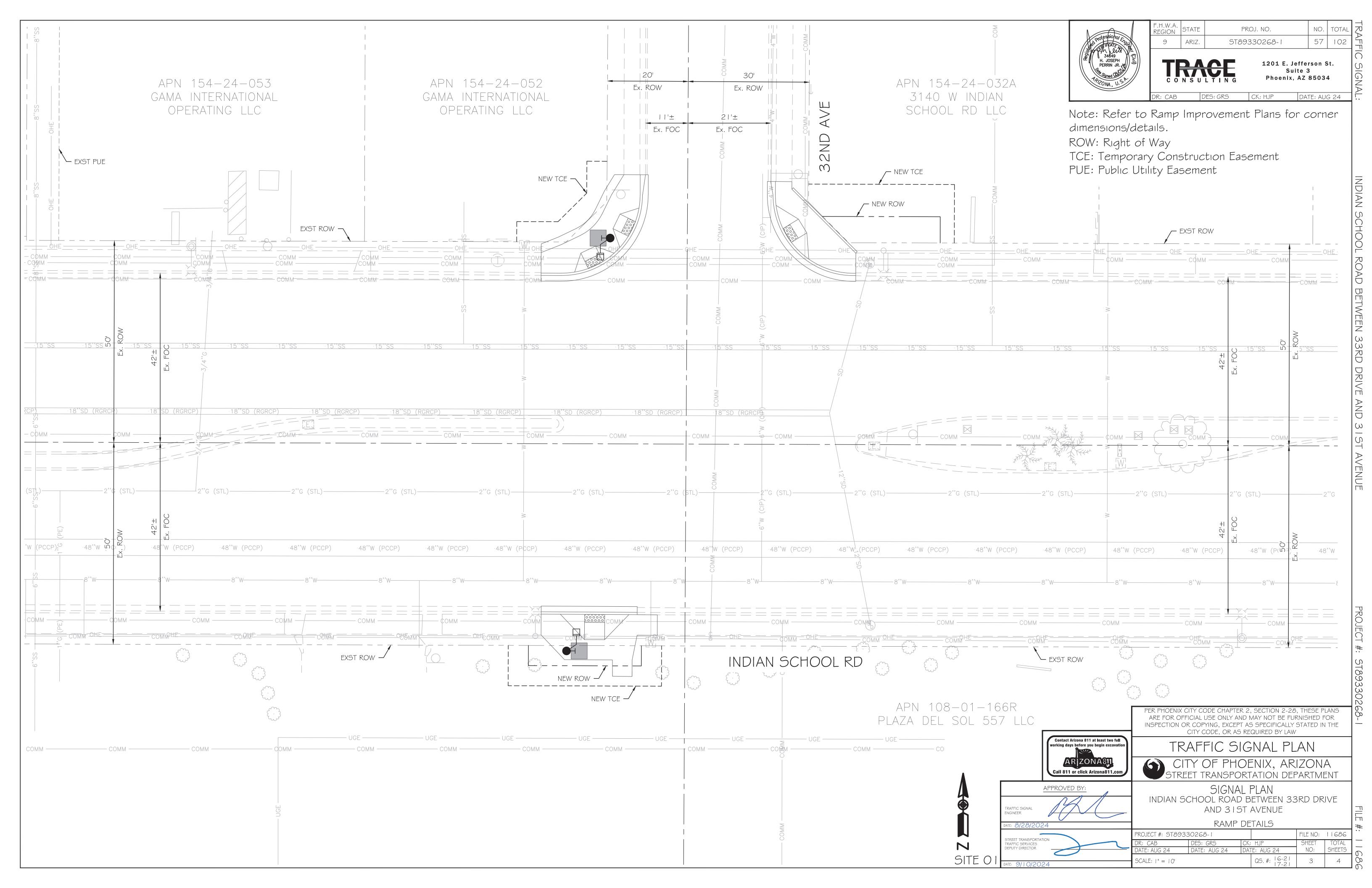
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

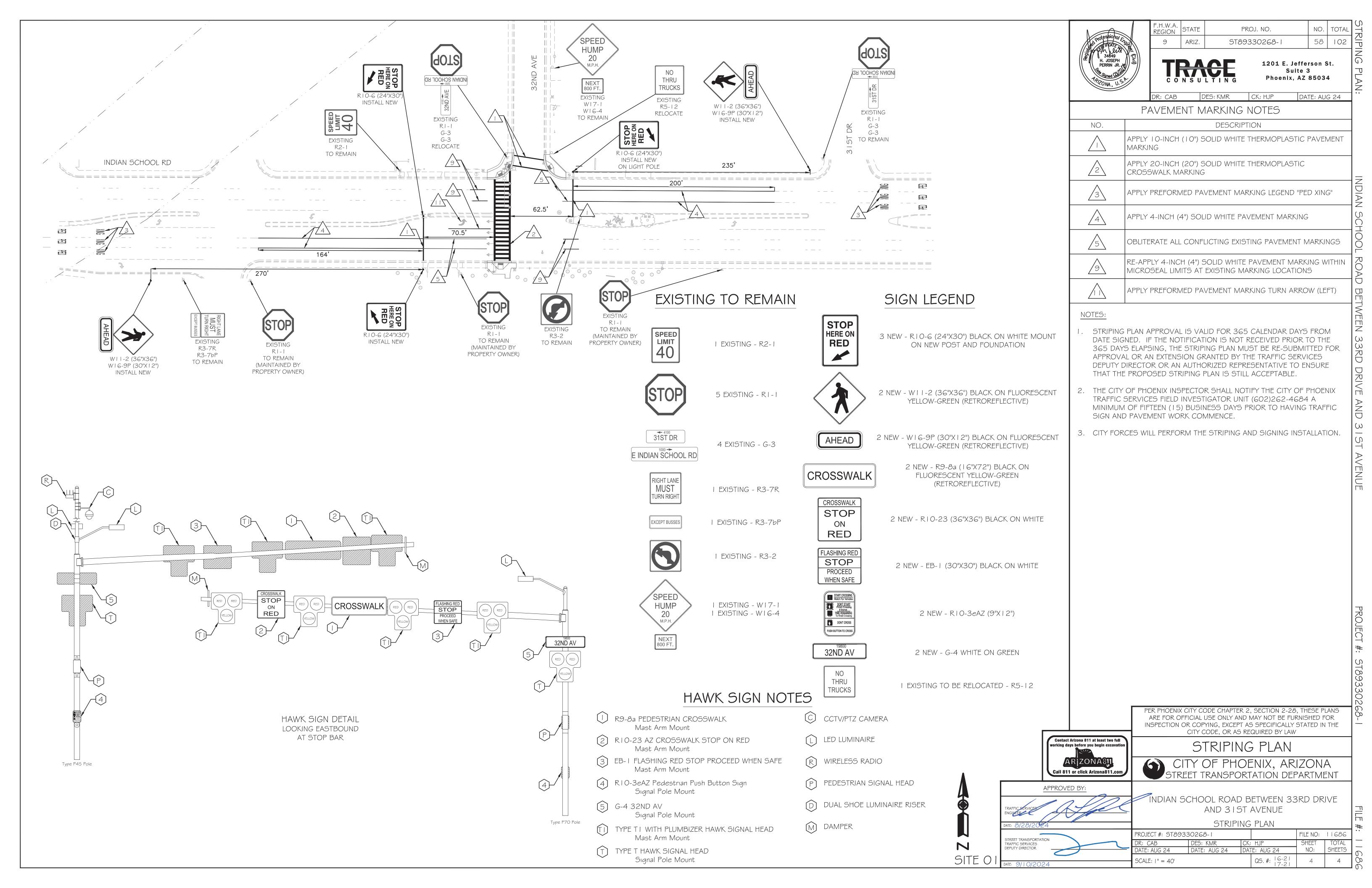
SIGNAL PLAN INDIAN SCHOOL ROAD BETWEEN 33RD DRIVE

AND 3 IST AVENUE WIRING PLAN

PROJECT #: ST89330268-1 FILE NO: 11686 DATE: AUG 24 DATE: AUG 24 NO: QS. #: 16-21 SCALE: | " = 20'

TRAFFIC SERVICES
DEPUTY DIRECTOR





planning, safety, quality and completion. The City of Phoenix inspection team would make the determination if the work performed meets the criteria and if not, may request that the work be redone at the contractor's expense.

1.6 Foundation elevations must be within 1/4" of finished sidewalk grade.

1.7 A minimum of a four (4) foot clear path is required around all traffic signal poles. A four by four (4x4) flat landing centered on the pedestrian push button must be maintained as provided on the Traffic Signal Standard Details (see note 1.4).

1.8 Contractor shall verify location and orientation of all pole and mast arm mounted equipment on all new traffic signal poles and mast arms with the Traffic Signal shop's representative prior to drilling any holes in the poles or mast arms. Failure to get approval may result in replacement

1.9 All Traffic Signal equipment and materials shall follow the current City of Phoenix Standards and Specifications.

WORK TO BE PERFORMED BY THE CONTRACTOR

WORK TO BE PERFORMED BY CITY OF PHOENIX SIGNAL CREWS

junction boxes and foundation locations prior to excavation, prep contractor furnished controller cabinets and internal equipment (contractor to pick up and install controller cabinet), inspect and approve all traffic signal equipment $\frac{9}{6}$ installed by contractor and terminate, test and activate all field wiring into controller cabinet(s).

> ARE FOR OFFICIAL USE ONLY AND MAY NOT BE FURNISHED FOR INSPECTION OR COPYING, EXCEPT AS SPECIFICALLY STATED IN THE

CITY CODE, OR AS REQUIRED BY LAW

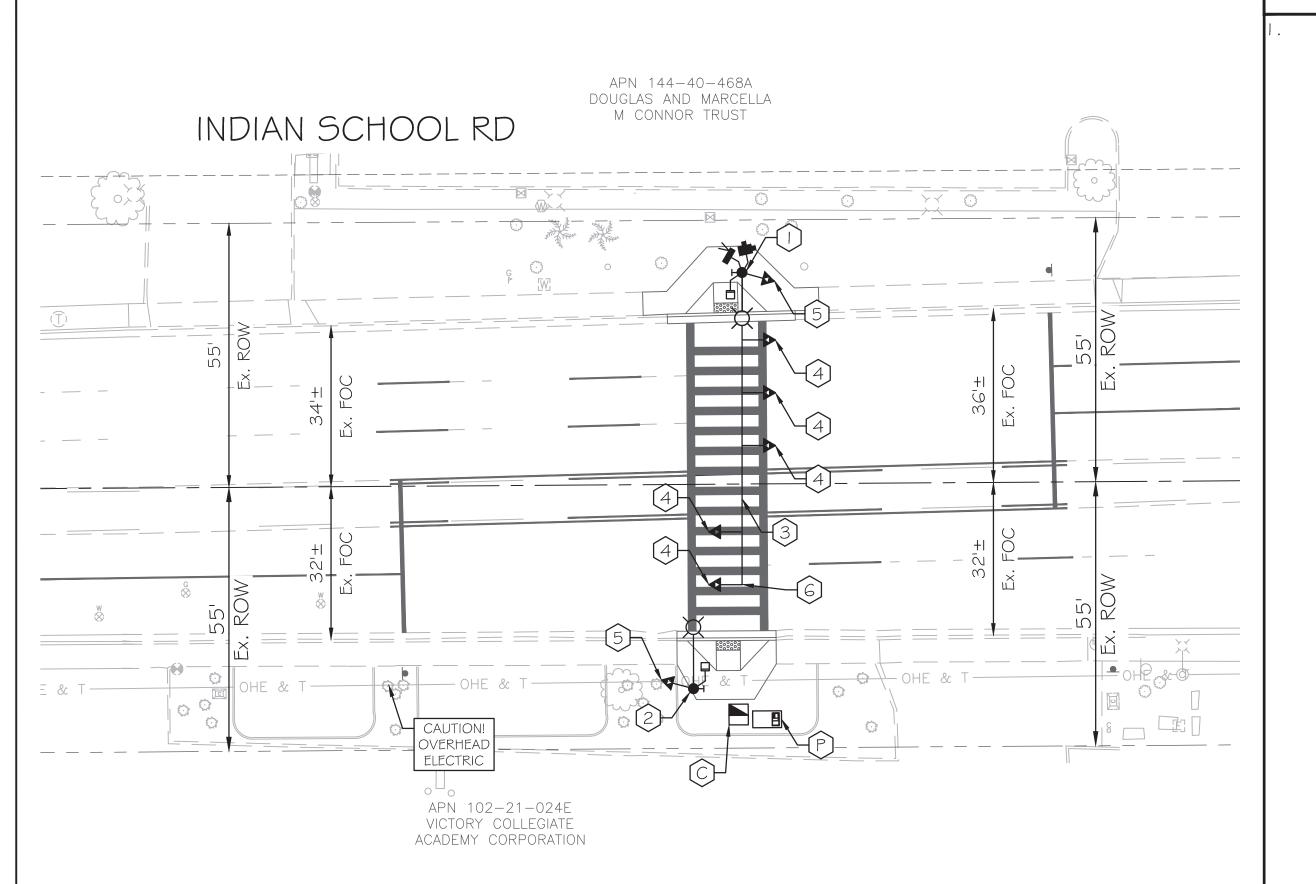


CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

INDIAN SCHOOL ROAD NEAR 69TH DRIVE

FOUNDATION & EQUIPMENT

PROJECT #: ST89330268-



PROPOSED FOUNDATION SCHEDULE NO TYPE STATION ON INDIAN SCHOOL RD CL OFFSET FROM INDIAN SCHOOL RD CL P PSP* 49.0 ft. SOUTH 20+07.20 C CONT 20+01.29 47.0 ft. SOUTH P70 20+02.56 44.1 ft. NORTH 2 | GP 19+91.92 42.6 ft. SOUTH

INDIAN SCHOOL RD

·48''W

PSP* - Type "B" Power Service Pedestal Foundation

	PROPOSED JUNCTION BOX SCHEDULE			
NO	NO TYPE STATION ON INDIAN SCHOOL RD CL		OFFSET FROM INDIAN SCHOOL RD CL	
3	#7	20+18.50	44.8 ft. NORTH	
4	#7	19+93.86	47.1 ft. SOUTH	

WHEN PARALLELING IRRIGATION PIPE, A MINUMUM OF 48 INCHES (4 FT) HORIZONTAL CLEARANCE IS TO BE MAINTAINED BETWEEN THE OUTSIDE EDGE OF SALT RIVER PROJECT'S IRRIGATION PIPE AND THE OUTSIDE EDGE OF THE NEW UTILITY. ANY VARIANCES TO UTILITY EXCAVATION AND CONSTRUCTION CLEARANCE ACTIVITY MUST BE APPROVED AND COORDINATED ON A CASE-BY-CASE BASIS BY SRP FIELD CONSULTING SERVICES.

INSTALL

APN 144-40-468A

DOUGLAS AND MARCELLA

M CONNOR TRUST

-6''G (HP STL

CAUTION!

UNDERGROUND

COMMUNICATIONS

POLE TO BE FIELD

CLOSE TO PIPE AS

LLOWED BY SRP PERMIT

CAUTION! PRIVATE

IRRIGATION

APN 102-21-024E

VICTORY COLLEGIATE

CAUTION!

x. 24" IRR , Provide 4'

o Ex. Pipe Edge

CAUTION!

NATURAL GAS.

SEE NOTE 26, SHEET 2.

BEE NOTE 26,

SHEET 2.

ear From Pole Foundation

See Foundation Schedule

100 LF 2.5" CONDUIT FROM SRP POLE RISER

(NEAR STA 20+94 ON INDIAN SCHOOL RD).

COORDINATE WITH SRP FOR EXACT LIMITS

CONTRACTOR SHALL INSTALL CONDUIT.

OF CONDUIT INSTALLATION.

See Junction Box Schedule

·48"W (PCCP)

— COMM ———

2" Schedule 40 PVC

I" Schedule 40 PVC

2-1/2" Schedule 40 PVC

INSTALL (C) 8 Phase Controller Cabinet - I New

(P) Power Service Pedestal w/ Battery Backup - I New

Traffic Signal Pole Type P70 with 20' Riser - I New Traffic Signal Pole Type GP with Luminaire Arm - 1 New

65' (M55P70+E10) Signal Mast Arm - 1 New

Type T1 12" Signal Head Mast Arm Mount w/ Plumbizer - 5 New

Type T | 2" Signal Head Pole Mount - 2 New

(6) Damper - I New

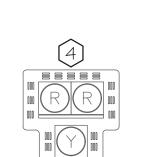
LED Luminaire - 2 New

Pedestrian Signal Head - 2 New

Wireless Radio - I New

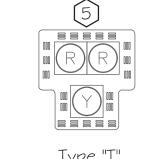
PTZ CCTV Camera - I New

→ APS Push Button - 2 New



Type "TI" with Plumbizer 3 Section 12"

HAWK Signal Head Mounted on Signal Mast Arm



Type "T" 3 Section 12" HAWK Signal Head

φЗ

φ7

BARRIER

→ Protected Phase

→ Permitted Phase

← − − Pedestrian Phase

◀

Mounted on Signal Pole

EQUIPMENT

FOUNDATION

SHEETS

of the pole at the contractor's expense.

(www.phoenix.gov/streets/reference-material)

The contractor shall supply all materials and perform all work except as indicated in note 3.

Traffic Signal representative shall approve marked layout of ADA ramps,

PER PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS

AR|ZONA'811

APPROVED BY:

TRAFFIC SERVICES DEPUTY DIRECTOR

Contact Arizona 811 at least two full Call 811 or click Arizona811.com

SIGNAL PLAN

FILE NO: 11687 NO:

PATE: AUG 24 DATE: AUG 24 DATE: AUG 24 Q5. #: |6-|2 SCALE: | " = 20"

PROJ. NO.

ST89330268-1

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

60 | 102

DATE: AUG 24 DES: GRS

Note: Refer to City of Phoenix Traffic Signal Section Standard Detail TS 3-4 for additional wiring notes.

Controller to #7 Junction Box

CONDUIT I	CONDUIT 2	CONDUIT 3	CONDUIT 4	CONDUIT 5	CONDUIT 6 Stub-Out
#10 Bare Copper #10 AWG White 7C IMSA Cable	#10 Bare Copper CCTV Cable ITS Cable	#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green	Detectible Mule Tape	#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green	Detectible Mule Tape



APN 144-40-473 ZAIA GROUP 6858 LLC

APN 102-21-988A PARKWOOD APARTMENTS LLC PI Power Service Pedestal to #7 Junction Box

CONDUIT I	CONDUIT 2	
#10 Bare Copper 5C IMSA Cable 3C IMSA Radio 3C IMSA Luminaire	Stub-Out	

/P2 Power Service Pedestal to Controller

Contact Arizona 811 at least two full

Call 811 or click Arizona811.com

APPROVED BY:

TRAFFIC SIGNAL ENGINEER

STREET TRANSPORTATION
TRAFFIC SERVICES
DEPUTY DIRECTOR

CONDUIT I	
#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green 5C IMSA Cable	



#7 Junction Box to P70 Pole

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 7C IMSA Cable 3C IMSA Radio 3C IMSA Luminaire 5C IMSA Cable 7C IMSA Cable	#10 Bare Copper CCTV Cable



#7 Junction Box to GP Pole

CONDUIT	CONDUIT 2
CONDOTT	CONDON Z
#10 Bare Copper #10 AWG White 7C IMSA Cable 5C IMSA Cable 3C IMSA Luminaire	Detectible Mule Tape



/3 #7 Junction Box to #7 Junction Box

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 7C IMSA Cable 3C IMSA Radio 3C IMSA Luminaire 5C IMSA Cable 7C IMSA Cable	#10 Bare Copper CCTV Cable

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TRAFFIC SIGNAL PLAN



SIGNAL PLAN

INDIAN SCHOOL ROAD NEAR 69TH DRIVE

WIRING PLAN

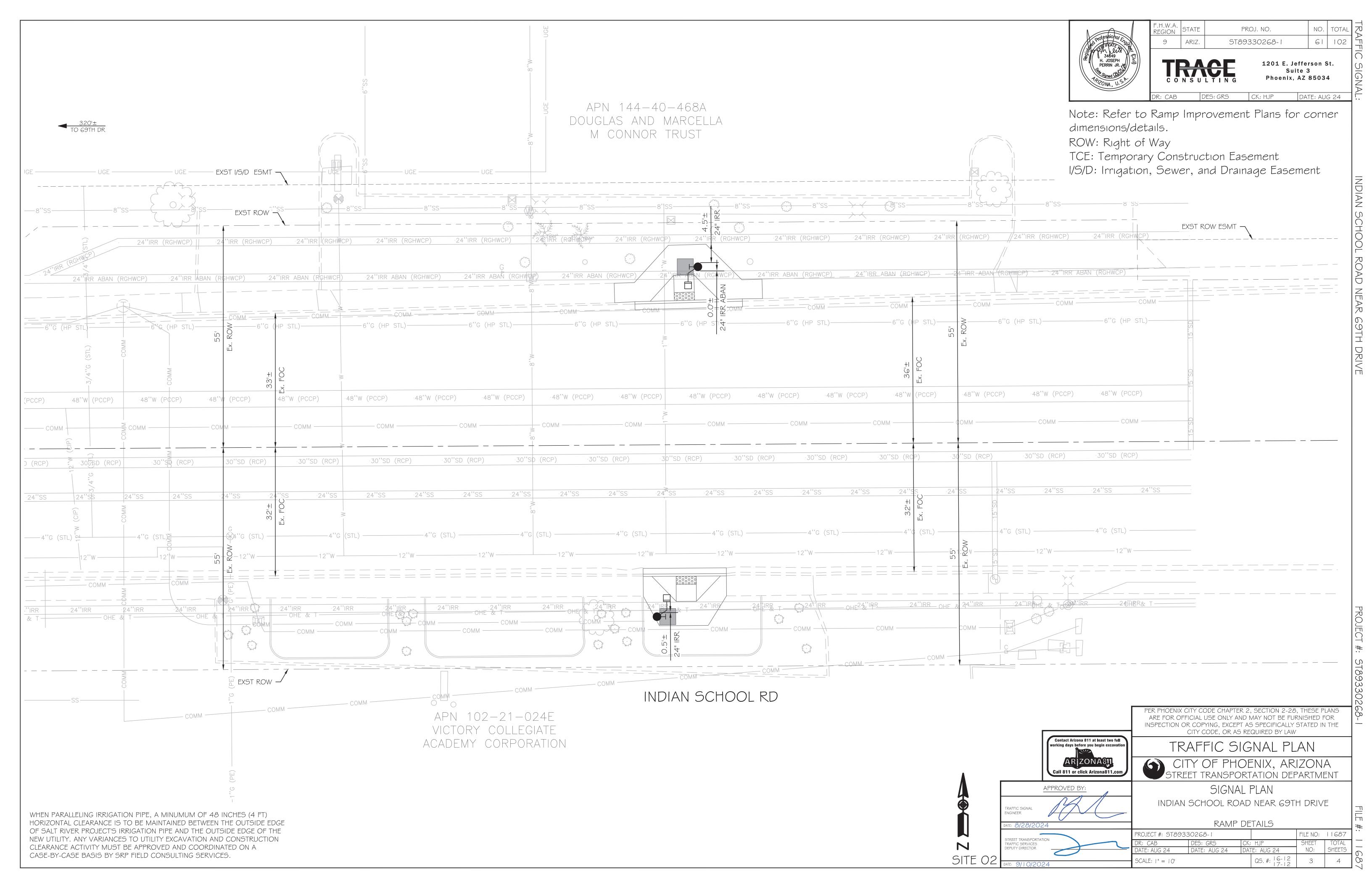
PROJECT #: ST89330268-1 FILE NO: 11687 NO: DATE: AUG 24 DATE: AUG 24 DATE: AUG 24 Q5. #: |6-|2 SCALE: | " = 20'

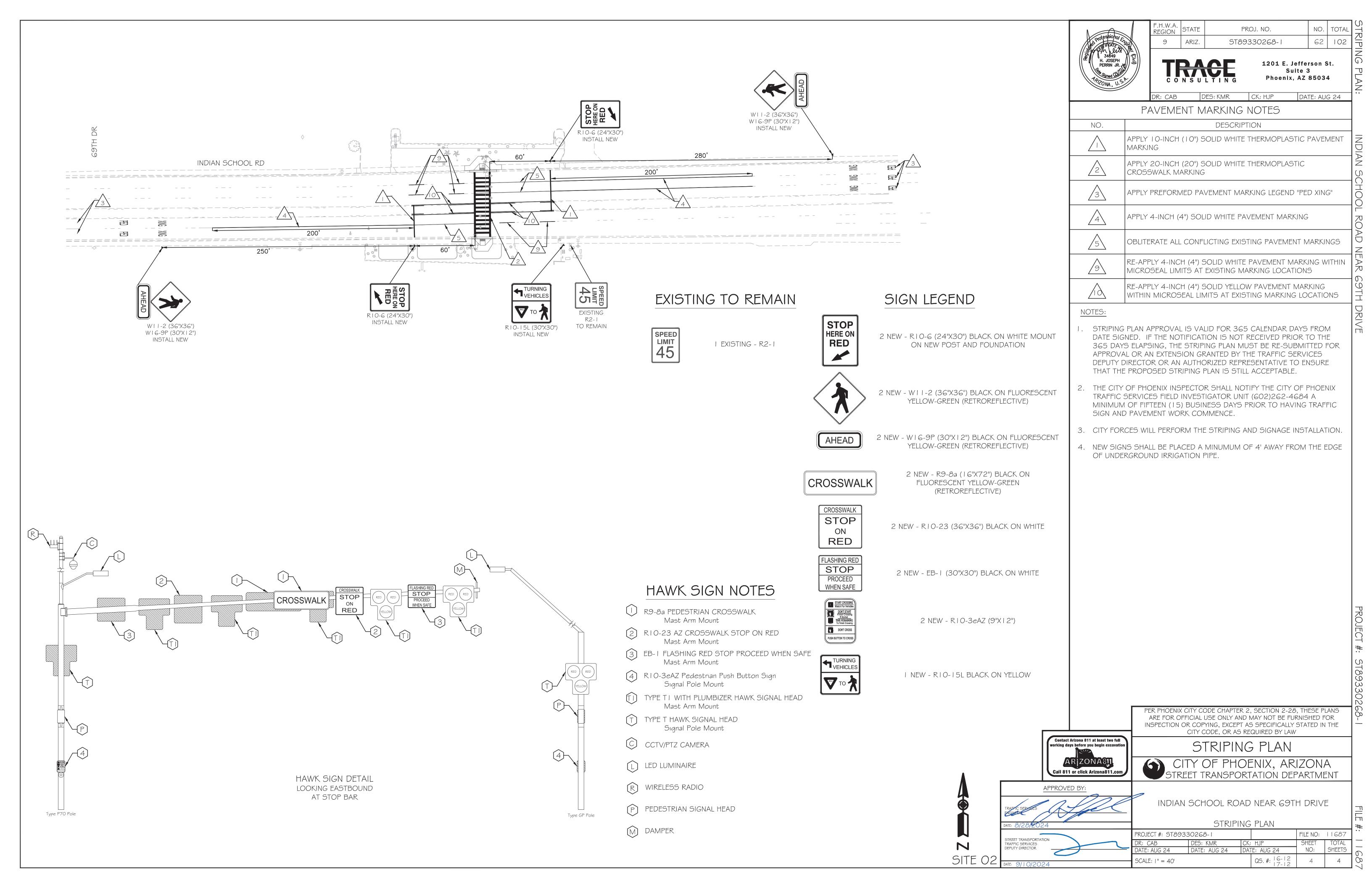
WHEN PARALLELING IRRIGATION PIPE, A MINUMUM OF 48 INCHES (4 FT) HORIZONTAL CLEARANCE IS TO BE MAINTAINED BETWEEN THE OUTSIDE EDGE OF SALT RIVER PROJECT'S IRRIGATION PIPE AND THE OUTSIDE EDGE OF THE NEW UTILITY. ANY VARIANCES TO UTILITY EXCAVATION AND CONSTRUCTION CLEARANCE ACTIVITY MUST BE APPROVED AND COORDINATED ON A CASE-BY-CASE BASIS BY SRP FIELD CONSULTING SERVICES.

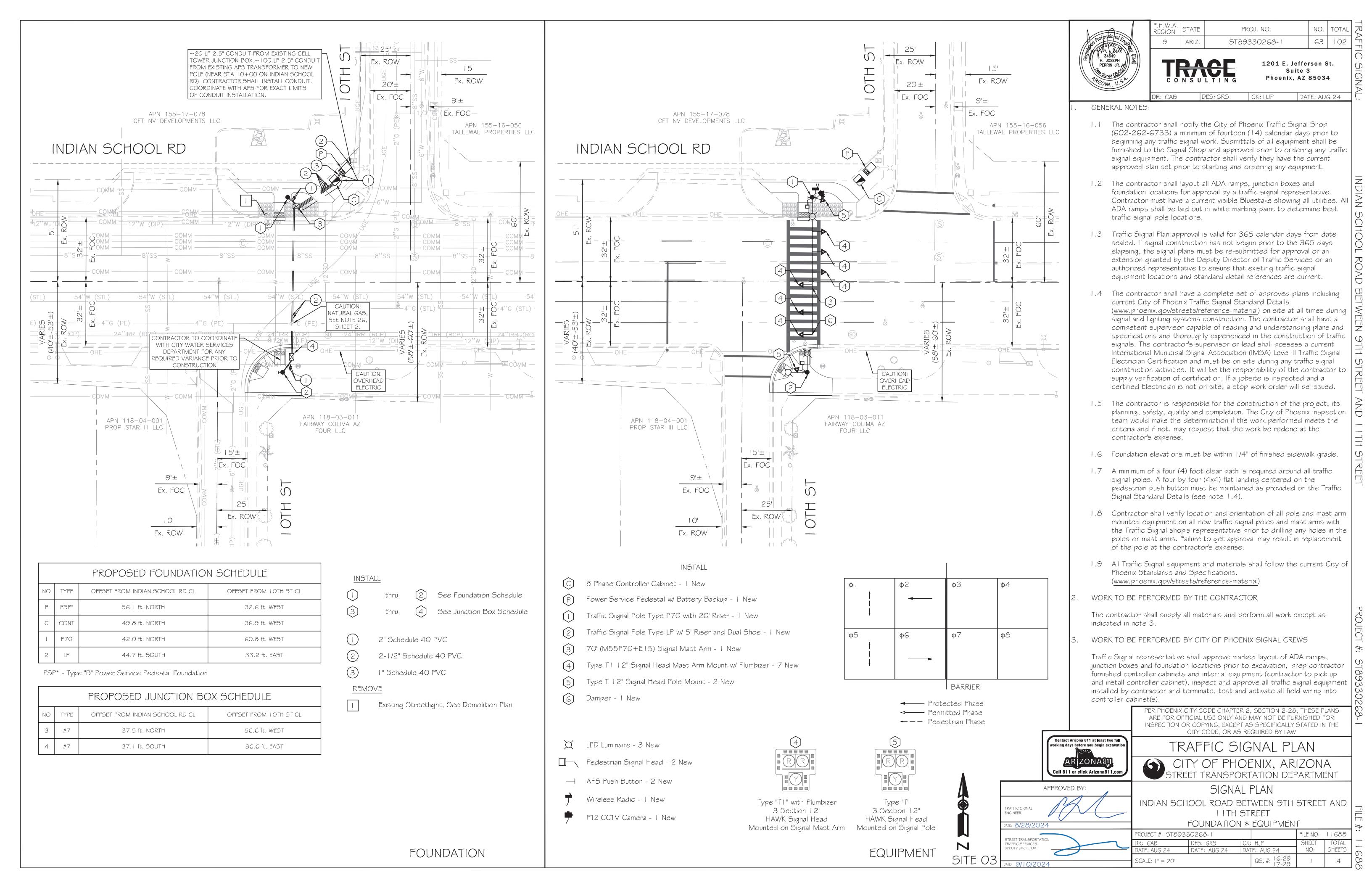
INDIAN SCHOOL RD

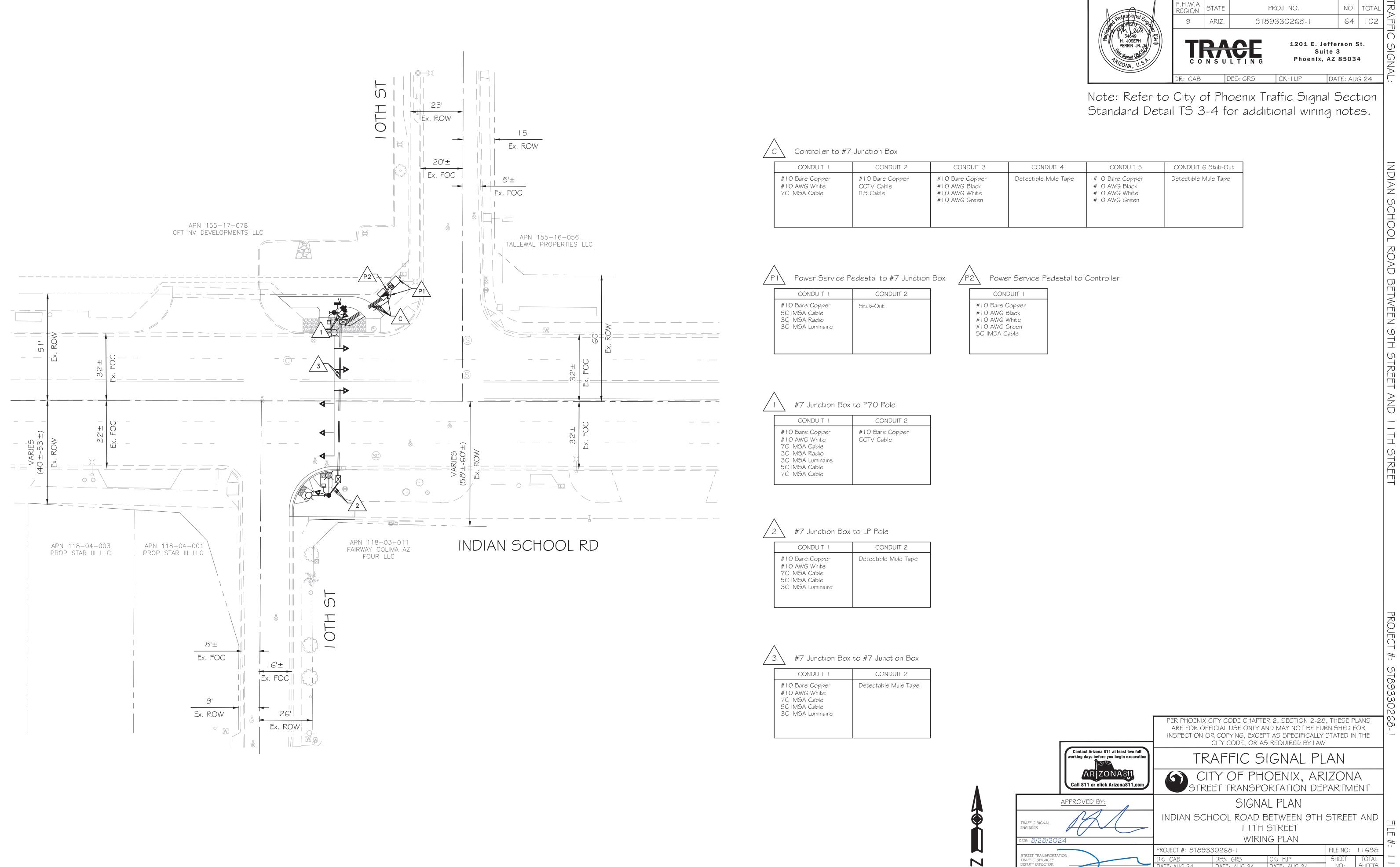
APN 144-40-468A Douglas and marcella m connor trust

APN 102-21-024E VICTORY COLLEGIATE ACADEMY CORPORATION







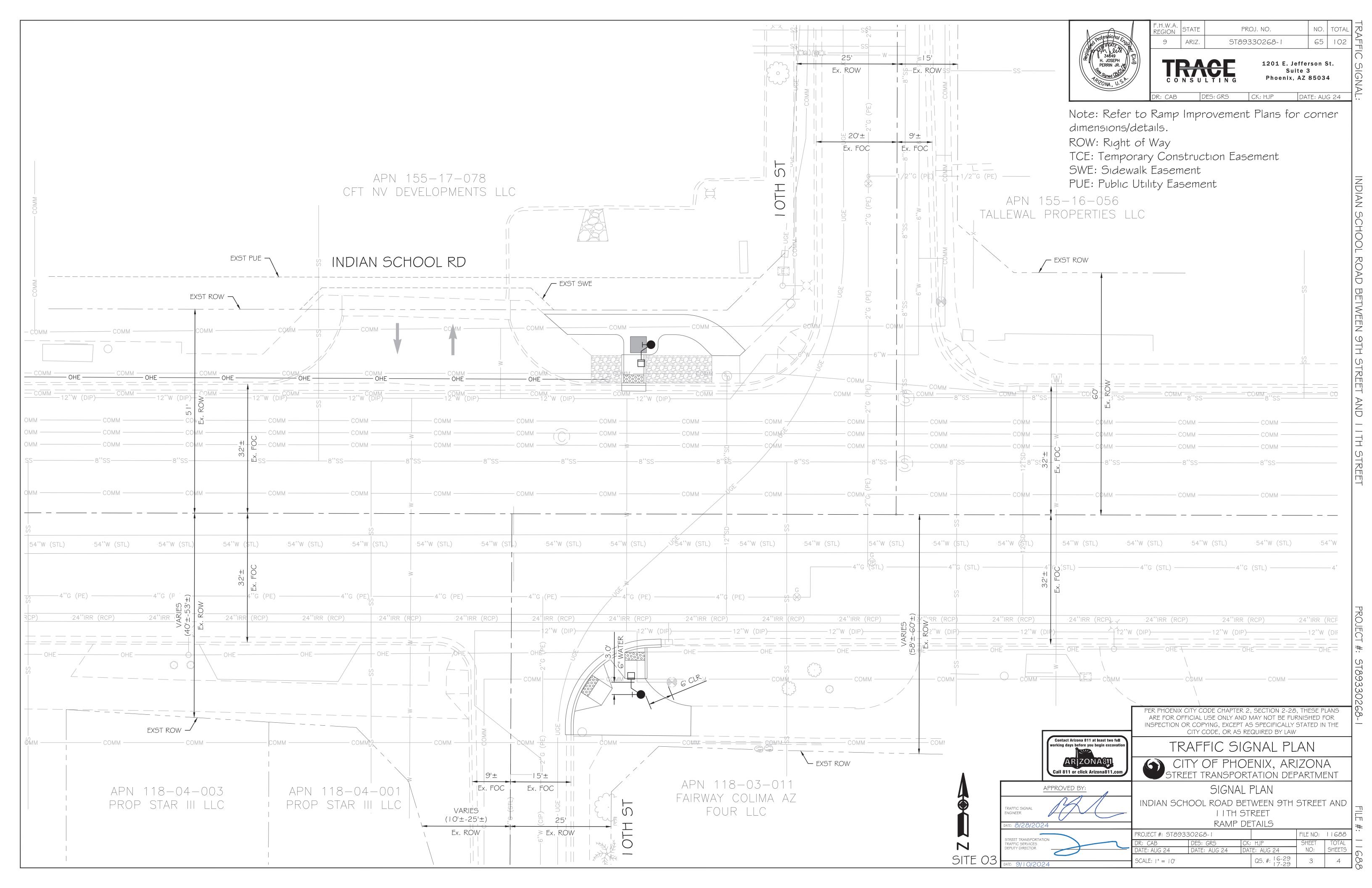


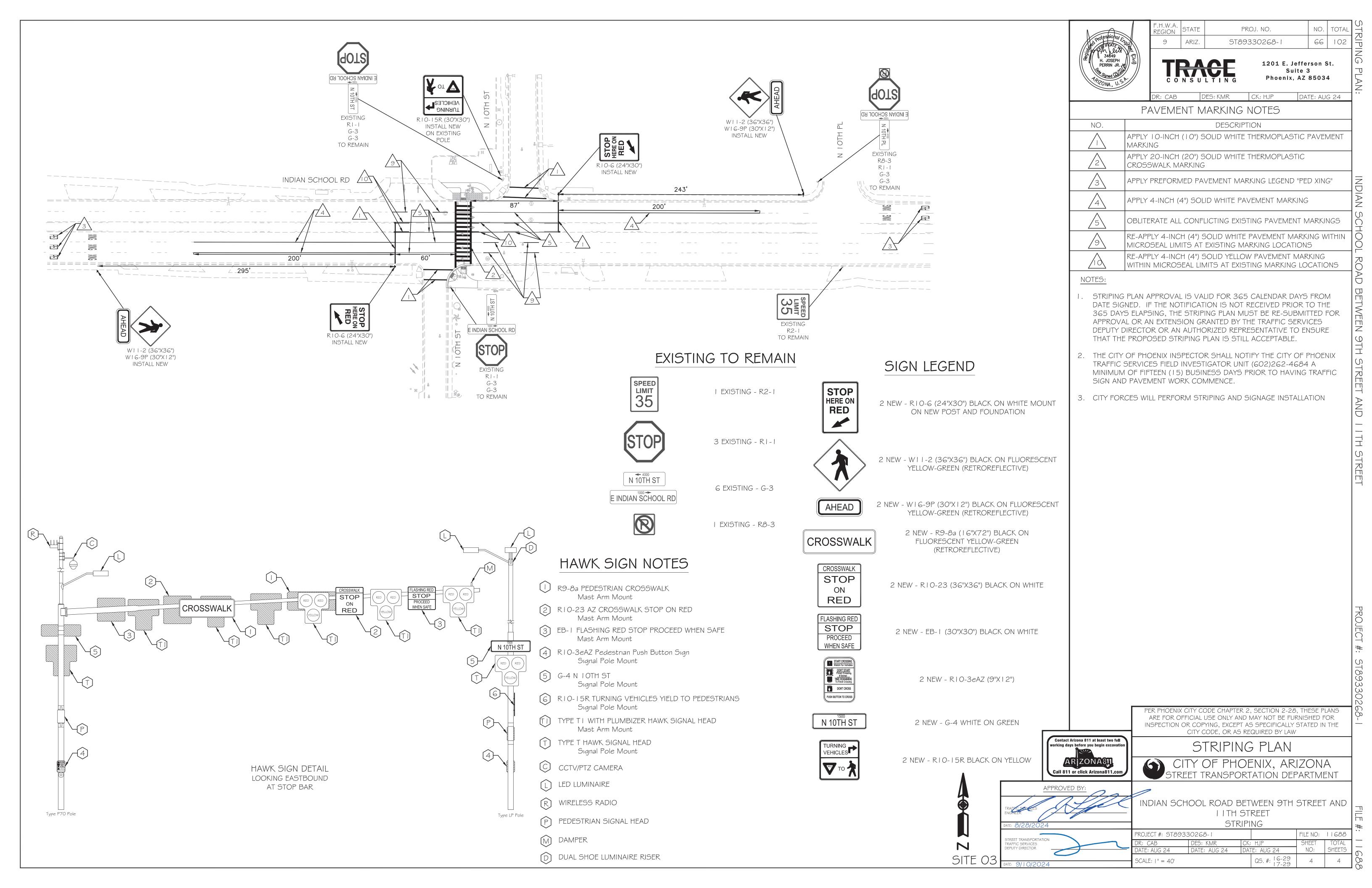
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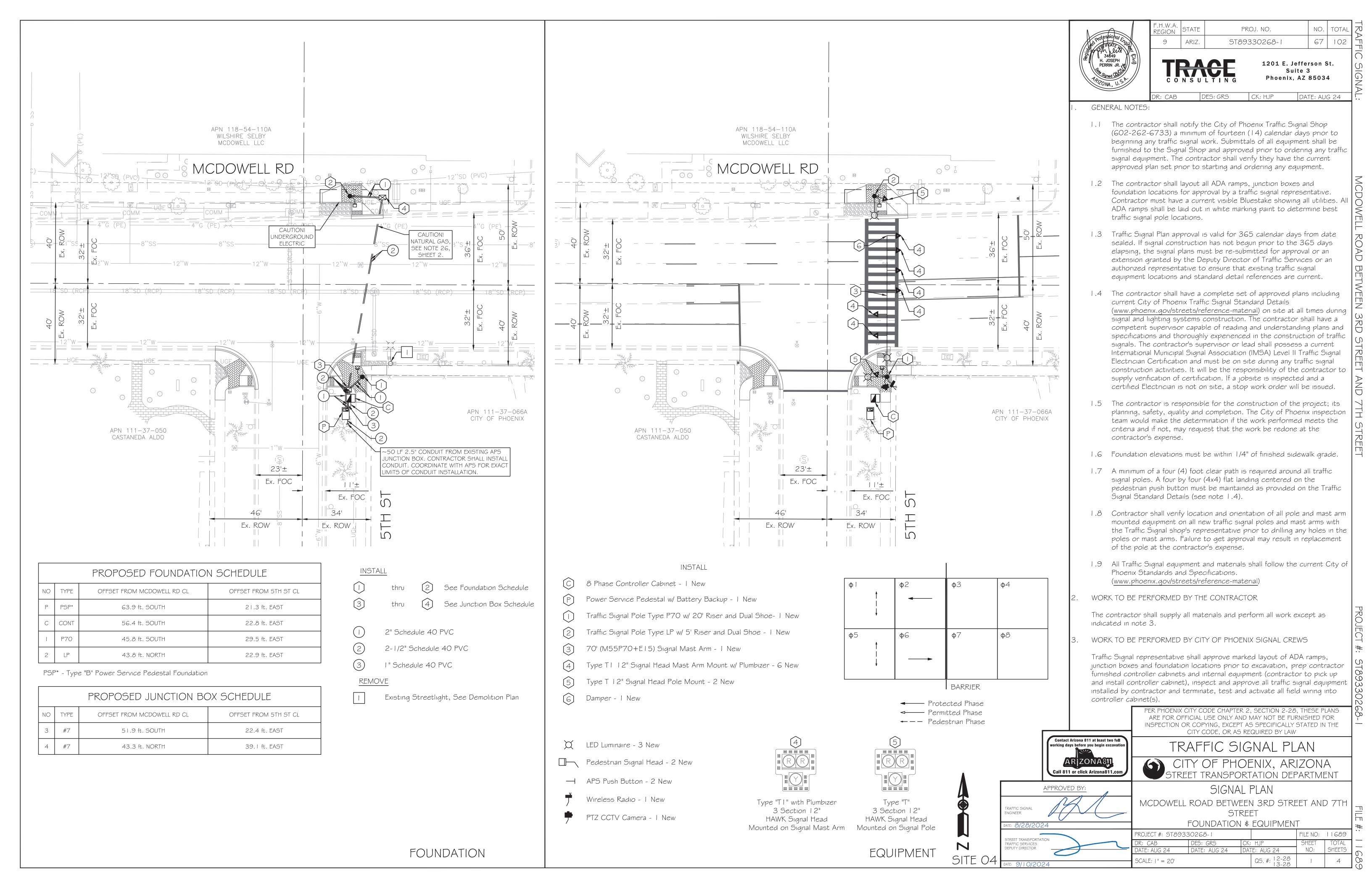
Q5. #: 16-29

DATE: AUG 24 DATE: AUG 24 DATE: AUG 24

SCALE: | " = 20'







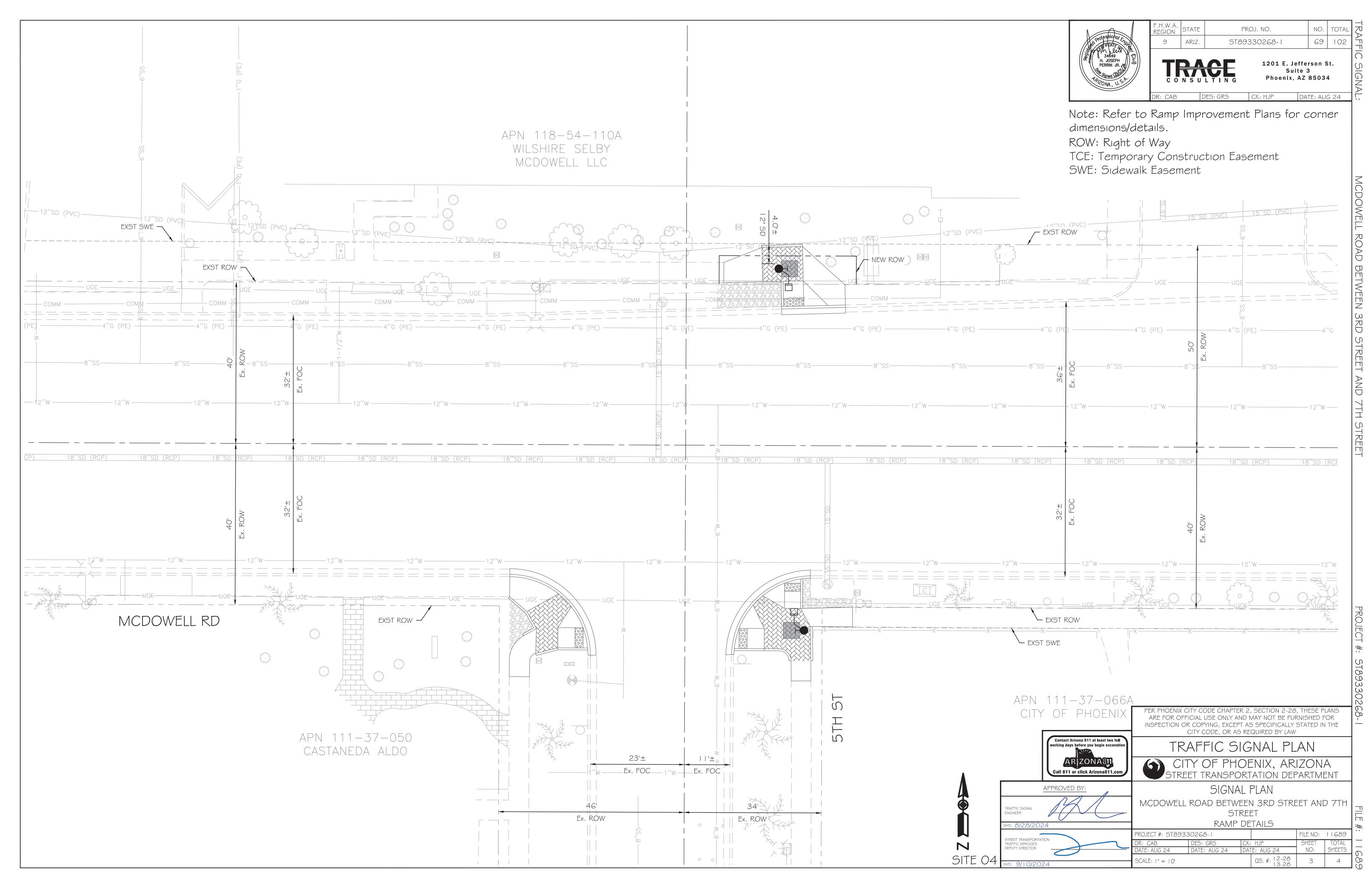
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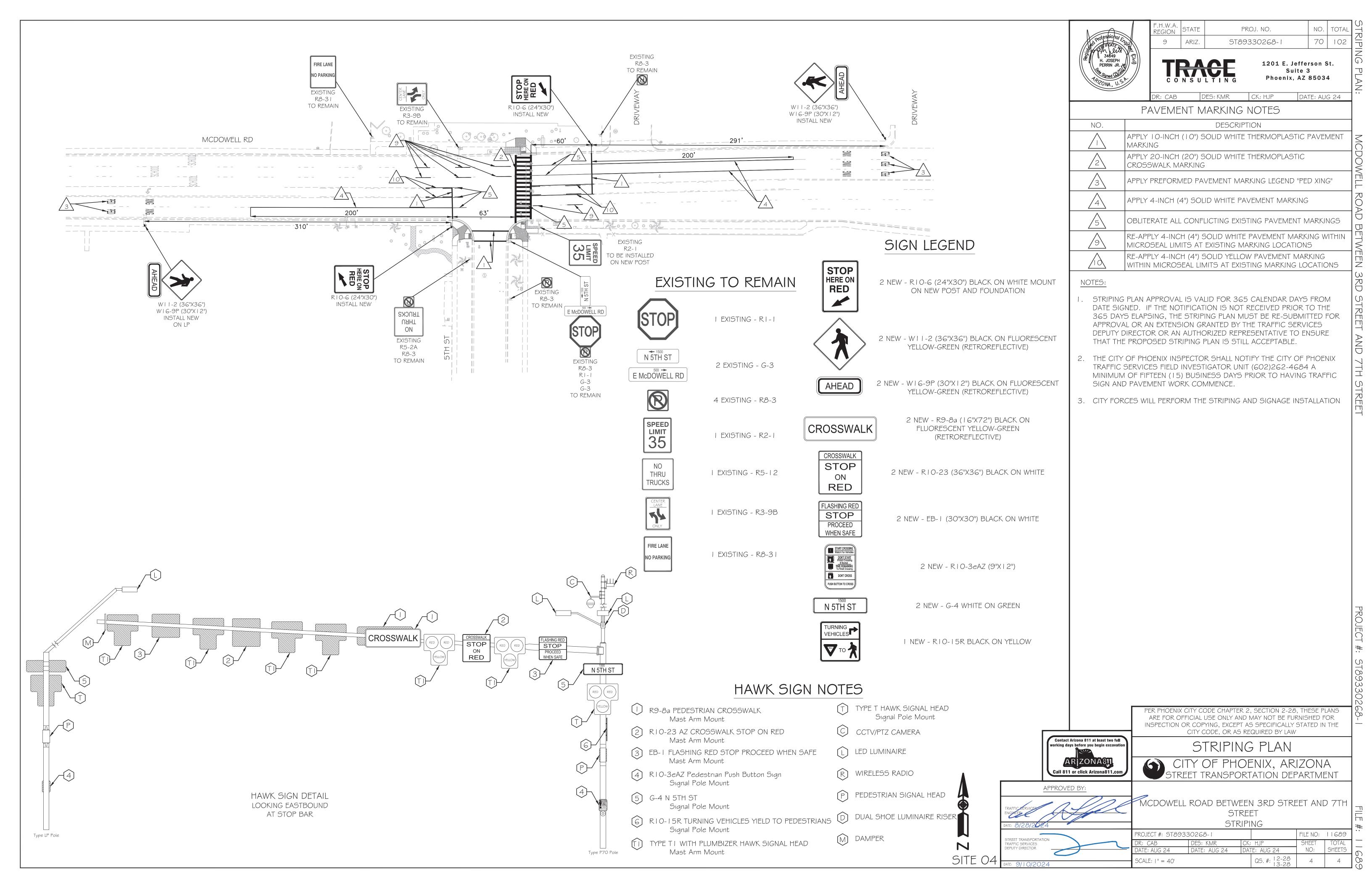
STREET

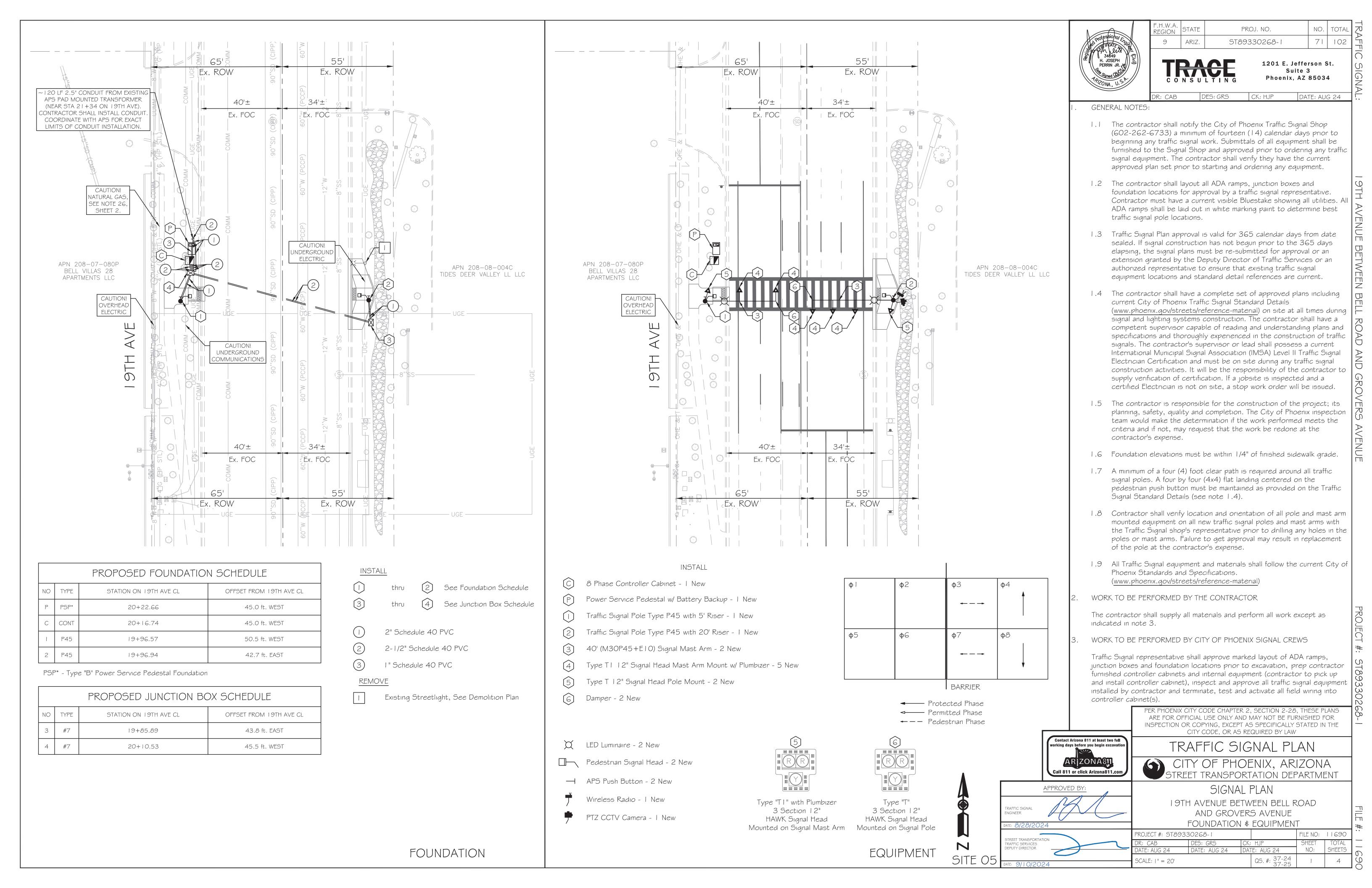
WIRING PLAN

TRAFFIC SERVICES DEPUTY DIRECTOR

PROJECT #: ST89330268-1 FILE NO: 11689 DATE: AUG 24 DATE: AUG 24 DATE: AUG 24 NO: Q5. #: |2-28 SCALE: | " = 20'







F.H.W.A. REGION STATE PROJ. NO. ARIZ. ST89330268-1

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

NO. TOTAL

72 102

DATE: AUG 24

Note: Refer to City of Phoenix Traffic Signal Section Standard Detail TS 3-4 for additional wiring notes.

APN 208-07-080C 1905 W VILLAGE DRIVE LLC

APN 208-07-080P BELL VILLAS 28 APARTMENTS LLC

Ex. ROW

40'±

Ex. FOC

40'±

Ex. FOC

34'±

Ex. FOC

Ex. ROW

Ex. ROW

APN 208-08-004C TIDES DEER VALLEY LL LLC

Ex. FOC

Controller to #7 Junction Box

CONDUIT I	CONDUIT 2	CONDUIT 3	CONDUIT 4	CONDUIT 5	CONDUIT 6 Stub-Out
#10 Bare Copper #10 AWG White 7C IMSA Cable	#10 Bare Copper CCTV Cable ITS Cable	#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green	Detectible Mule Tape	#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green	Detectible Mule Tape



Power Service Pedestal to #7 Junction Box /P2\ Power Service Pedestal to Controller

CONDUIT I	CONDUIT 2
#10 Bare Copper 5C IMSA Cable 3C IMSA Radio 3C IMSA Luminaire	Detectable Mule Tape



CONDUIT I	
#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green 5C IMSA Cable	



#7 Junction Box to P45 Pole

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 7C IMSA Cable 3C IMSA Luminaire 5C IMSA Cable	Detectable Mule Tape



#7 Junction Box to P45 Pole

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 5C IMSA Cable 7C IMSA Cable 3C IMSA Luminaire 3C IMSA Radio	#10 Bare Copper CCTV Cable



#7 Junction Box to #7 Junction Box

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 5C IMSA Cable 7C IMSA Cable 3C IMSA Luminaire	#10 Bare Copper CCTV Cable

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19TH AVENUE BETWEEN BELL ROAD AND GROVERS AVENUE

WIRING PLAN PROJECT #: ST89330268-1 FILE NO: 11690 DATE: AUG 24 DATE: AUG 24 NO: QS. #: 37-24 37-25

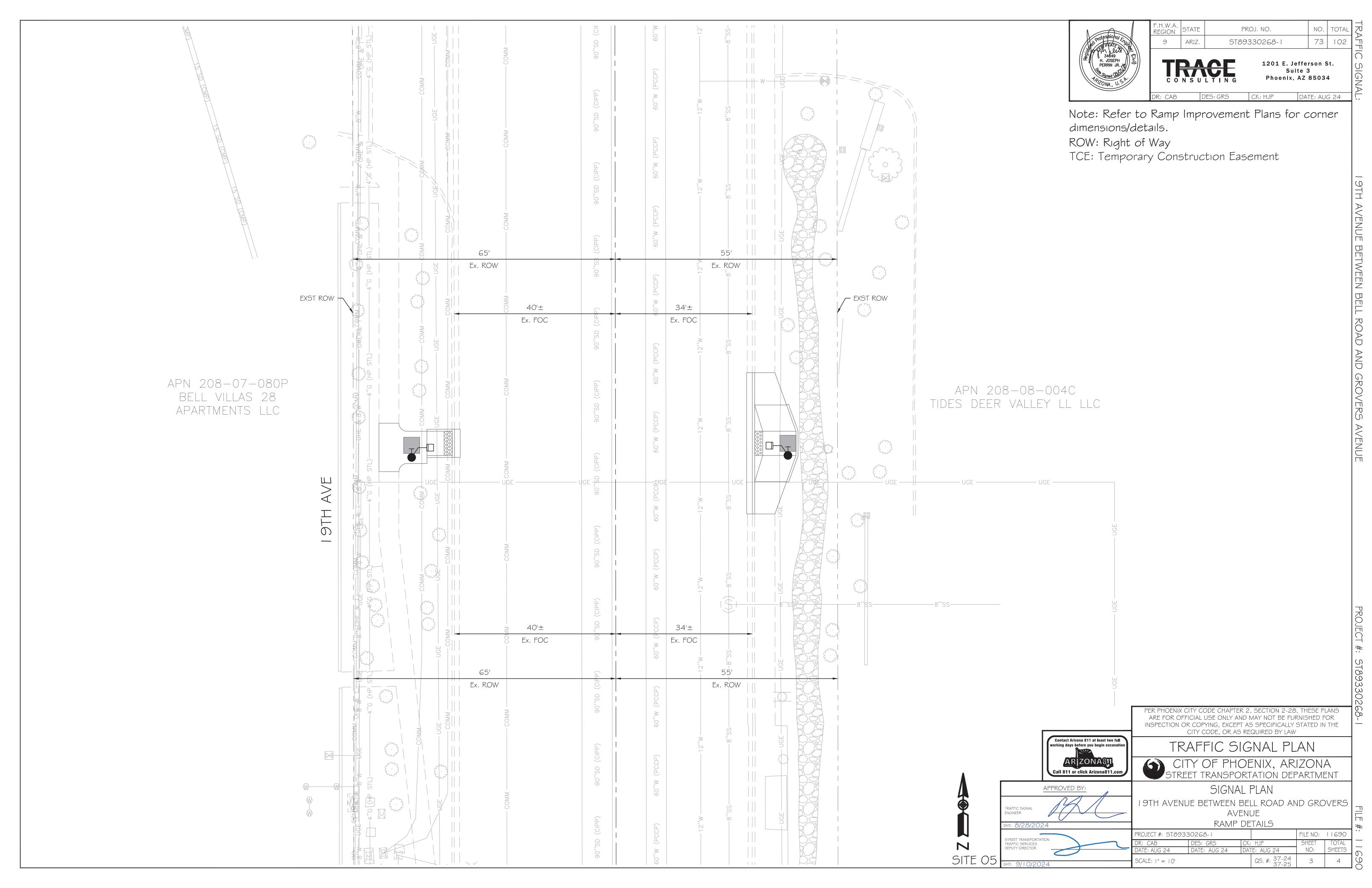
TRAFFIC SERVICES
DEPUTY DIRECTOR

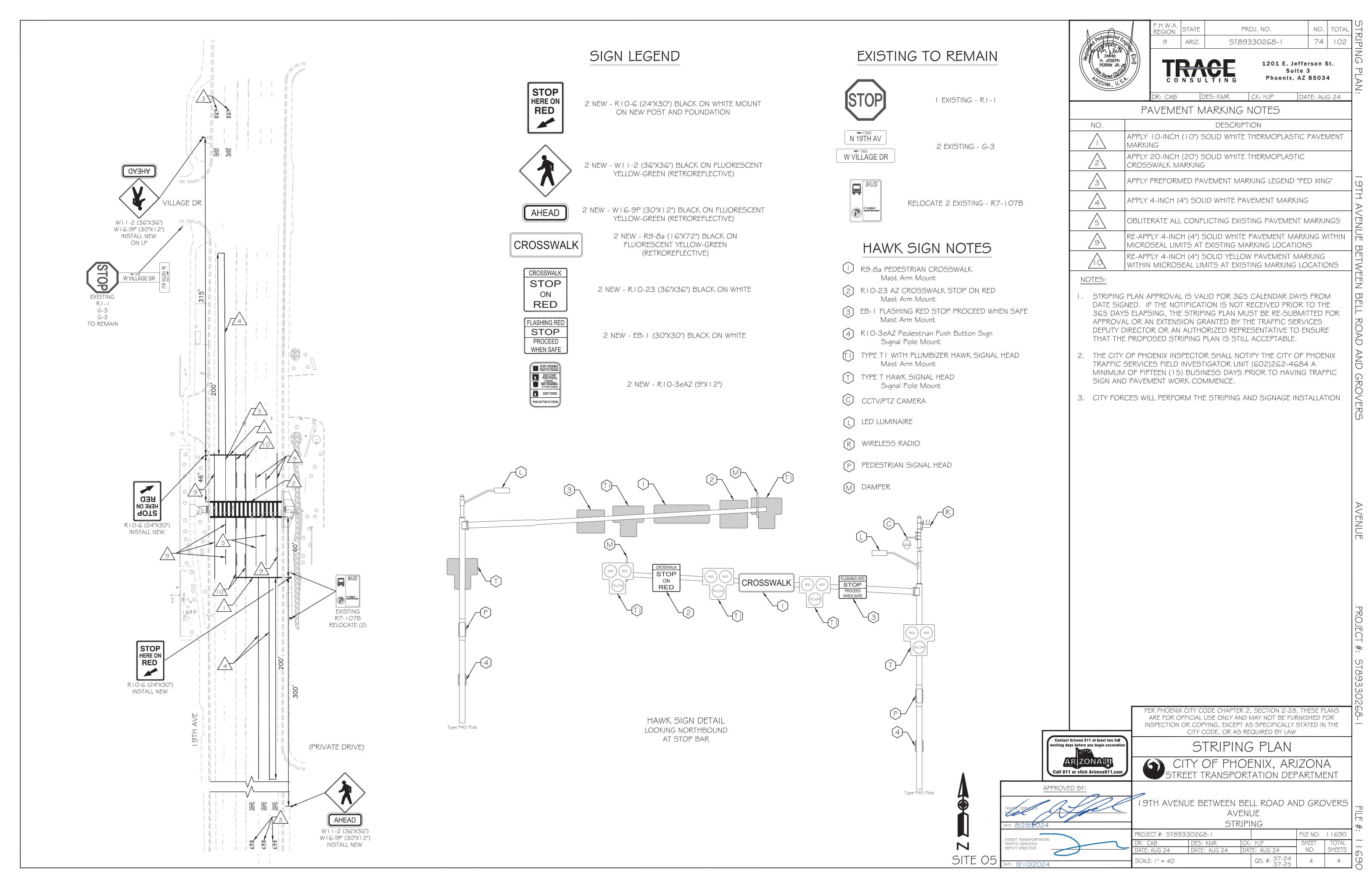
Contact Arizona 811 at least two full

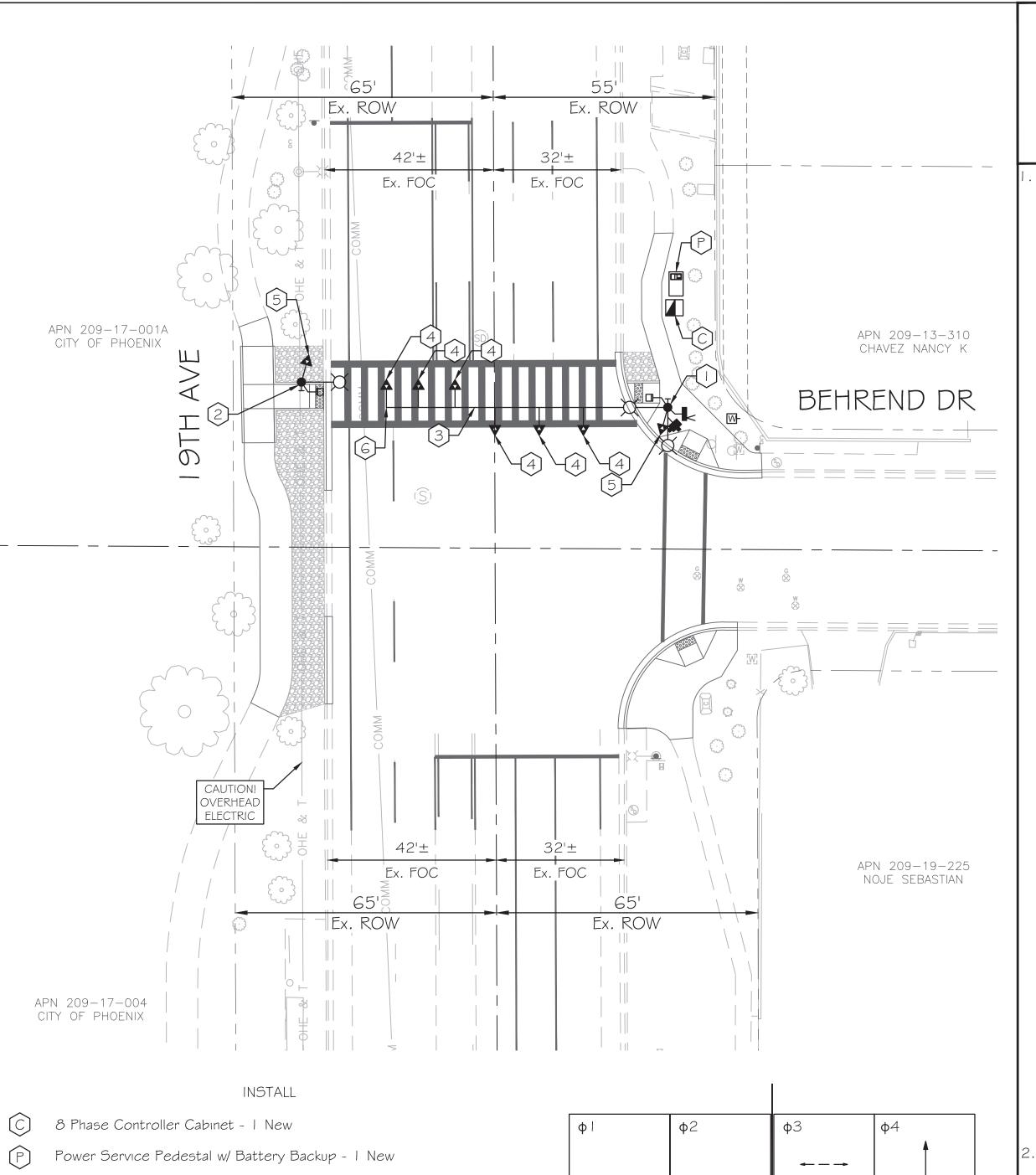
Call 811 or click Arizona811.com

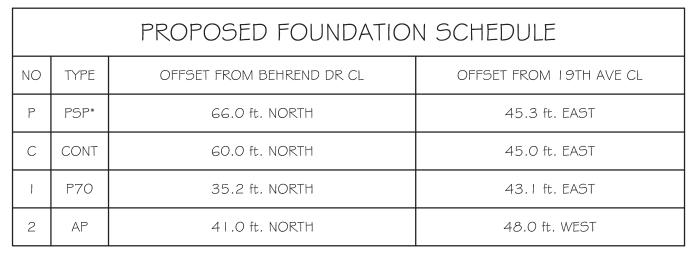
SCALE: | " = 20'

APPROVED BY:









Ex. ROW

UNDERGROUND

COMMUNICATIONS

CAUTION! NATURAL GAS

SEE NOTE 26

SHEET 2.

CAUTION!

NATURAL GAS,

SEE NOTE 26, SHEET 2.

APN 209-17-004 CITY OF PHOENIX

APN 209-17-001A

CITY OF PHOENIX

42'±

Ex. FOC

42'±

Ex. FOC

Ex. ROW

SEEx. ROW

-32'±^{GE}

+Ex. FOCIM

CAUTION! JNDERGROUND

ELECTRIC

CAUTION! UNDERGROUND

COMMUNICATIONS

32'±

Ex. FOC

Ex. ROW

PSP* - Type "B" Power Service Pedestal Foundation

PROPOSED JUNCTION BOX SCHEDULE						
NO	TYPE	OFFSET FROM BEHREND DR CL	OFFSET FROM 19TH AVE CL			
3	#7	50.7 ft. NORTH	36.0 ft. EAST			
4	#7	48.5 ft. NORTH	46.3 ft. WEST			

INSTALL

See Foundation Schedule

See Junction Box Schedule

APN 209-19-225

NOJE SEBASTIAN

30 LF 2.5" CONDUIT FROM EXISTING APS

APN 209-13-310

CHAVEZ NANCY K

PAD MOUNTED TRANSFORMER.

OF CONDUIT INSTALLATION.

SHEET 2.

CONTRACTOR SHALL INSTALL CONDUIT. COORDINATE WITH APS FOR EXACT LIMITS

2" Schedule 40 PVC

2-1/2" Schedule 40 PVC 1.25" Schedule 40 PVC

REMOVE

Existing Streetlight, See Demolition Plan

P Power Service Pedestal w/ Battery Backup - I New

Traffic Signal Pole Type P70 with 20' Riser - I New

Traffic Signal Pole Type GP - I New 70' (M55P70+E15) Signal Mast Arm - 1 New

Type T1 12" Signal Head Mast Arm Mount w/ Plumbizer - 6 New

Type T 12" Signal Head Pole Mount - 2 New

(6) Damper - I New

Type "TI" with Plumbizer 3 Section 12" HAWK Signal Head

Type "T" 3 Section 12" HAWK Signal Head Mounted on Signal Pole

φ7

← − →

BARRIER

→ Protected Phase

→ Permitted Phase

→ − − Pedestrian Phase

Contact Arizona 811 at least two full AR ZONA811 Call 811 or click Arizona811.com APPROVED BY: TRAFFIC SIGNAL ENGINEER

indicated in note 3.

controller cabinet(s).

GENERAL NOTES:

ARE FOR OFFICIAL USE ONLY AND MAY NOT BE FURNISHED FOR INSPECTION OR COPYING, EXCEPT AS SPECIFICALLY STATED IN THE

TRAFFIC SIGNAL PLAN

CITY OF PHOENIX, ARIZONA

PROJECT #: ST89330268-SHEETS NO:

LED Luminaire - 3 New

Pedestrian Signal Head - 2 New

→ APS Push Button - 2 New

Wireless Radio - I New

PTZ CCTV Camera - I New

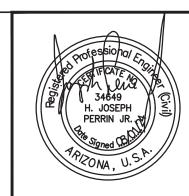
Mounted on Signal Mast Arm

EQUIPMENT

TRAFFIC SERVICES DEPUTY DIRECTOR

PATE: AUG 24 DATE: AUG 24 DATE: AUG 24 QS. #: 40-24 40-25 SCALE: | " = 20"

FOUNDATION





|| 65'

APN 209-17-001A CITY OF PHOENIX

APN 209-17-004 CITY OF PHOENIX

AVE

9TH

Ex. ROW

42'±

Ex. FOC

Ex. ROW

32'±

Ex. FOC

32'±

Ex. FOC

Ex. ROW

Ex. FOC

65'

Ex. ROW

APN 209-13-311 ACHONG MARTA NILDA RAMOS

APN 209-13-310 CHAVEZ NANCY K

APN 209-19-225 NOJE SEBASTIAN

APN 209-19-224 GHORMLEY RICHARD

BEHREND DR

Controller to #7 Junction Box

CONDUIT I	CONDUIT 2	CONDUIT 3	CONDUIT 4	CONDUIT 5	CONDUIT 6 Stub-Out
#10 Bare Copper #10 AWG White 7C IMSA Cable	#10 Bare Copper CCTV Cable ITS Cable	#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green	Detectible Mule Tape	#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green	Detectible Mule Tape



Power Service Pedestal to #7 Junction Box /P2\ Power Service Pedestal to Controller

_	
CONDUIT I	CONDUIT 2
#10 Bare Copper 5C IMSA Cable 3C IMSA Radio 3C IMSA Luminaire	Stub-Out

CONDUIT I	
#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green 5C IMSA Cable	



#7 Junction Box to P70 Pole

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 7C IMSA Cable 3C IMSA Radio 3C IMSA Luminaire 5C IMSA Cable 7C IMSA Cable	#10 Bare Copper CCTV Cable



#7 Junction Box to GP Pole

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 5C IMSA Cable 7C IMSA Cable	Detectible Mule Tape



#7 Junction Box to #7 Junction Box

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 5C IMSA Cable 7C IMSA Cable	Detectable Mule Tape

PER PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE FURNISHED FOR INSPECTION OR COPYING, EXCEPT AS SPECIFICALLY STATED IN THE CITY CODE, OR AS REQUIRED BY LAW



CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

> SIGNAL PLAN 19TH AVENUE NEAR BEHREND

> > WIRING PLAN

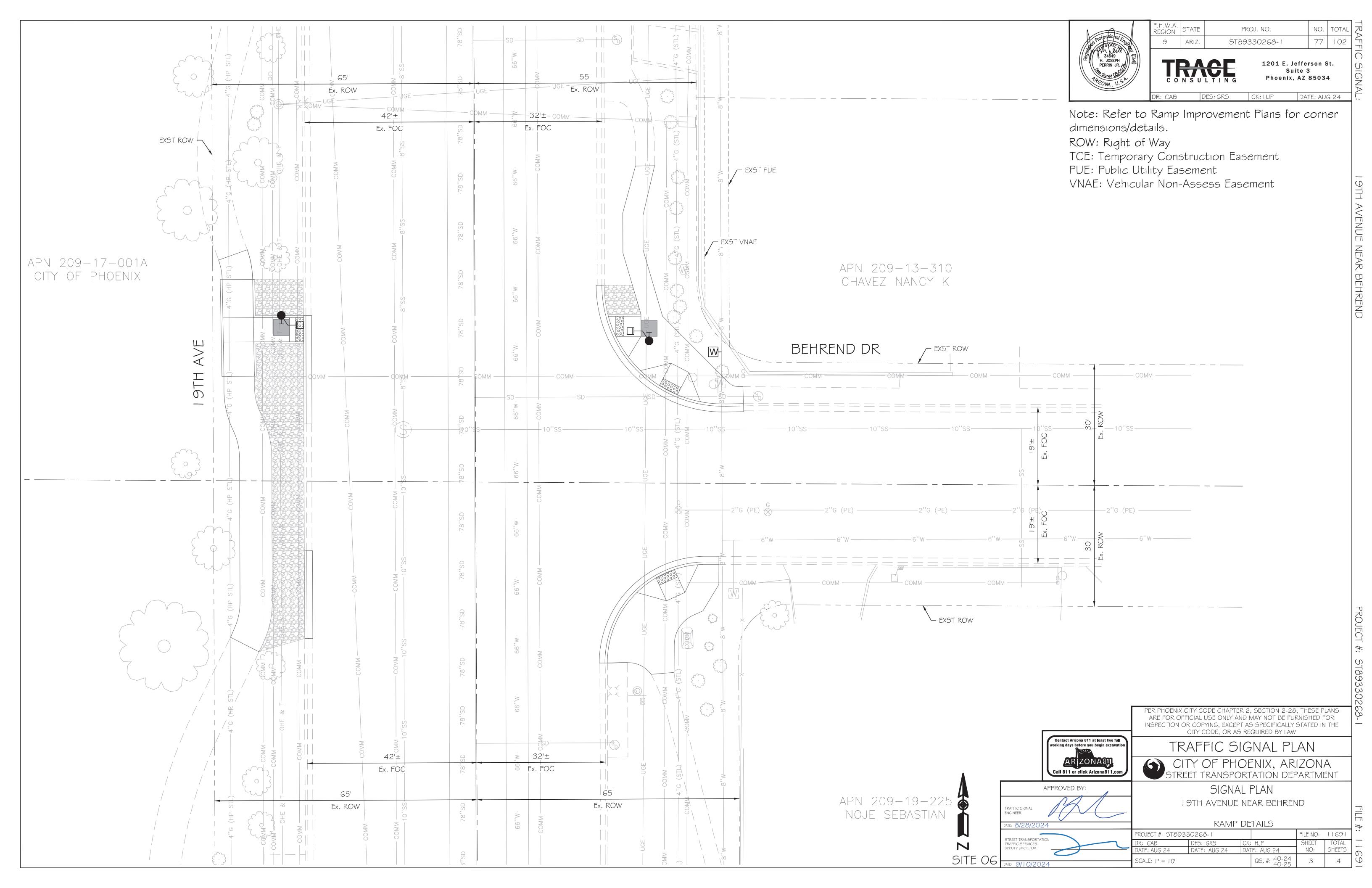
PROJECT #: ST89330268-1 FILE NO: 11691 DATE: AUG 24 DATE: AUG 24 NO: QS. #: 40-24 40-25 SCALE: | " = 20'

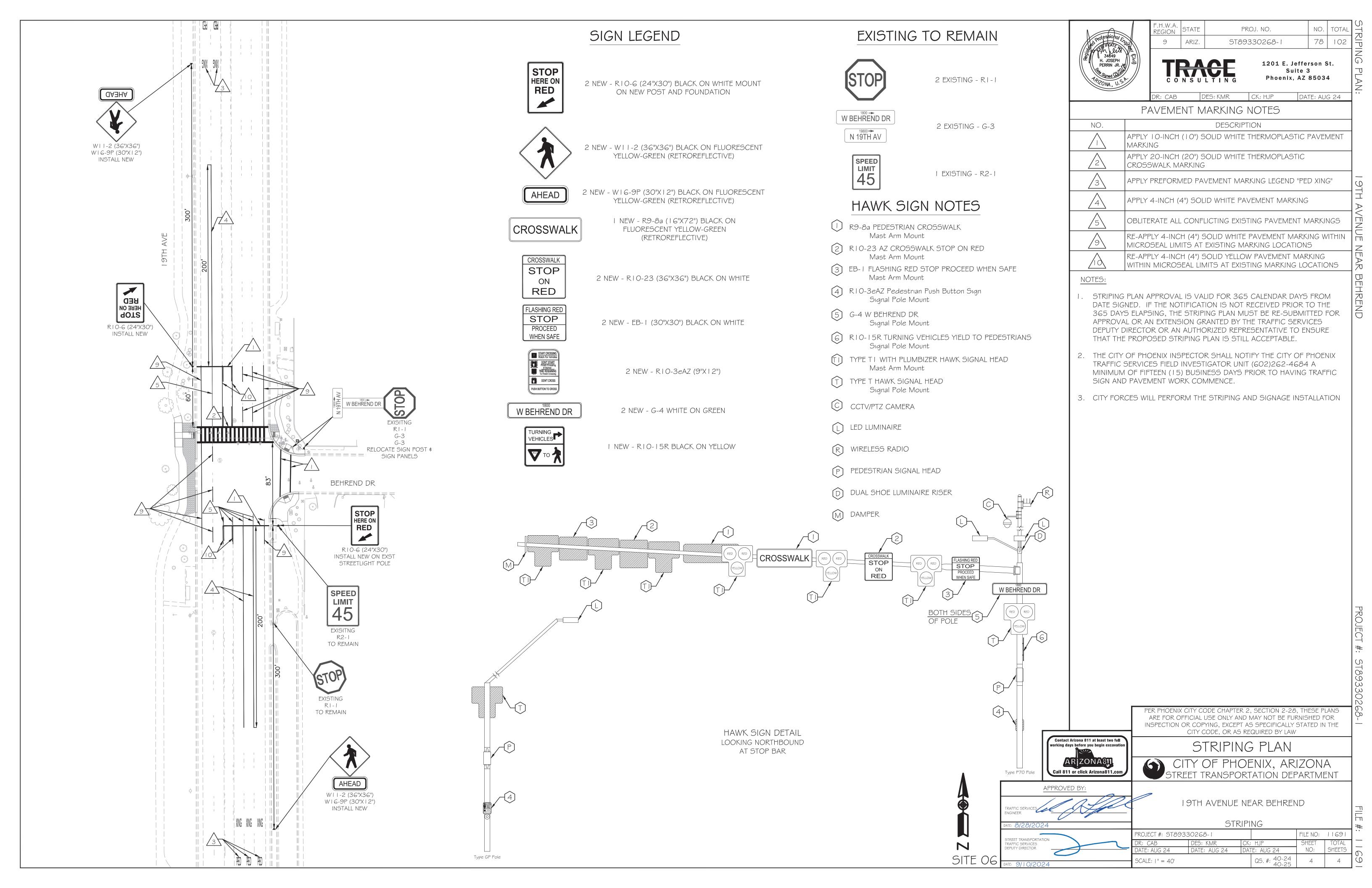
Contact Arizona 811 at least two full

Call 811 or click Arizona811.com

APPROVED BY:

STREET TRANSPORTATION
TRAFFIC SERVICES
DEPUTY DIRECTOR





supply verification of certification. If a jobsite is inspected and a

STATE

ARIZ.

REGION

R: CAB

GENERAL NOTES:

- 1.6 Foundation elevations must be within 1/4" of finished sidewalk grade.
- 1.7 A minimum of a four (4) foot clear path is required around all traffic signal poles. A four by four (4x4) flat landing centered on the pedestrian push button must be maintained as provided on the Traffic Signal Standard Details (see note 1.4).
- 1.8 Contractor shall verify location and orientation of all pole and mast arm mounted equipment on all new traffic signal poles and mast arms with the Traffic Signal shop's representative prior to drilling any holes in the poles or mast arms. Failure to get approval may result in replacement of the pole at the contractor's expense.
- 1.9 All Traffic Signal equipment and materials shall follow the current City of Phoenix Standards and Specifications. (www.phoenix.gov/streets/reference-material)
- WORK TO BE PERFORMED BY THE CONTRACTOR

The contractor shall supply all materials and perform all work except as indicated in note 3.

WORK TO BE PERFORMED BY CITY OF PHOENIX SIGNAL CREWS

Traffic Signal representative shall approve marked layout of ADA ramps, junction boxes and foundation locations prior to excavation, prep contractor furnished controller cabinets and internal equipment (contractor to pick up and install controller cabinet), inspect and approve all traffic signal equipment $\frac{9}{6}$ installed by contractor and terminate, test and activate all field wiring into controller cabinet(s).

> PER PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE FURNISHED FOR INSPECTION OR COPYING, EXCEPT AS SPECIFICALLY STATED IN THE CITY CODE, OR AS REQUIRED BY LAW

TRAFFIC SIGNAL PLAN

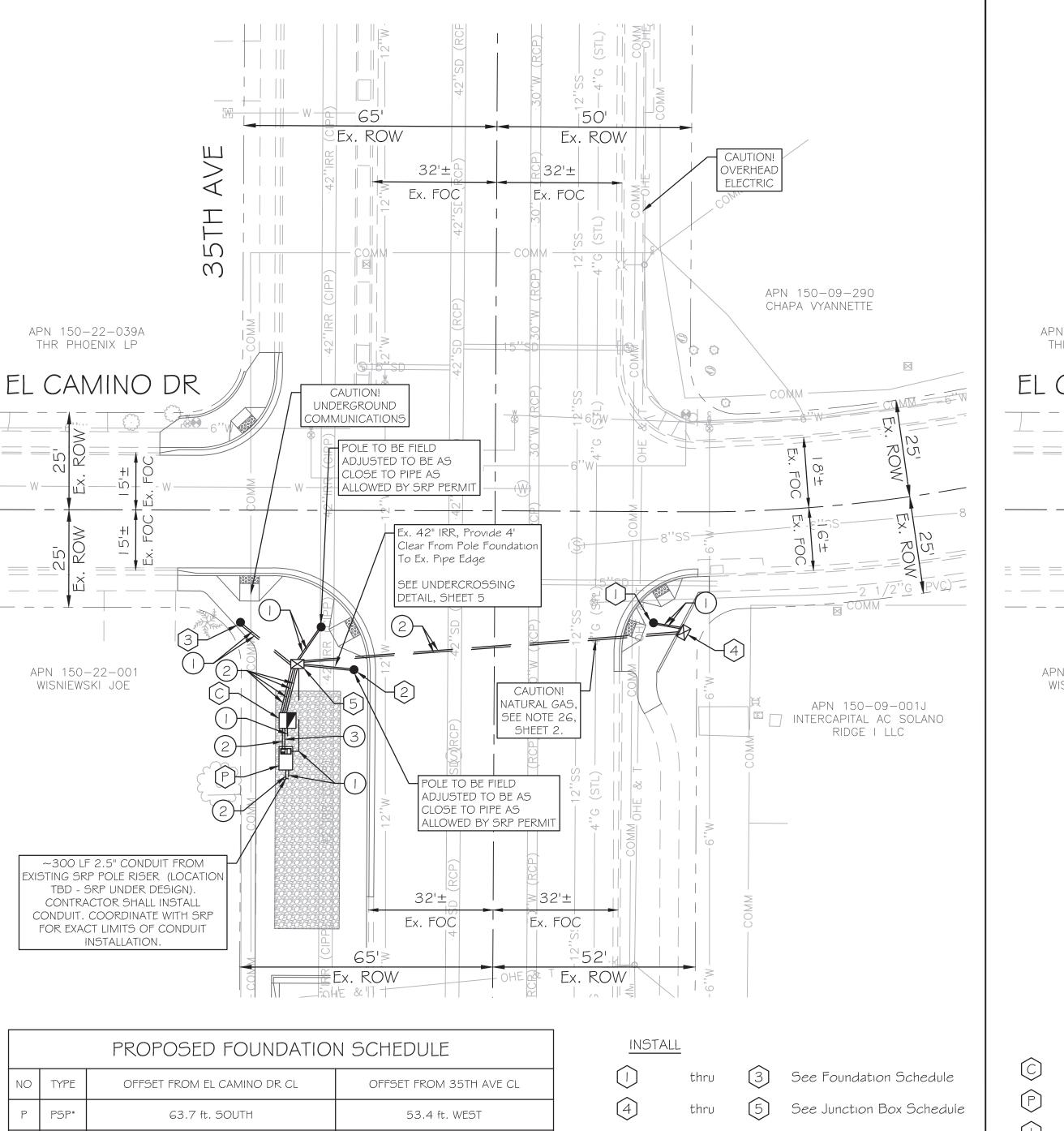
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

SIGNAL PLAN

35TH AVENUE AND EL CAMINO DRIVE

FOUNDATION & EQUIPMENT

PROJECT #: ST89330268-FILE NO: 11692 SHEETS PATE: AUG 24 DATE: AUG 24 DATE: AUG 24 NO: QS. #: 25-20 SCALE: | " = 20"



	PROPOSED FOUNDATION SCHEDULE							
NO			OFFSET FROM 35TH AVE CL					
Р			53.4 ft. WEST					
С	CONT	54.0 ft. SOUTH	54.0 ft. WEST					
1	GP	28.6 ft. SOUTH	40.9 ft. EAST					
2	P70 40.9 ft. SOUTH		36.0 ft. WEST					
3	LP	28.8 ft. SOUTH	65.2 ft. WEST					

PSP* - Type "B" Power Service Pedestal Foundation

	PROPOSED JUNCTION BOX SCHEDULE					
NO	TYPE	OFFSET FROM EL CAMINO DR CL	OFFSET FROM 35TH AVE CL			
4	#7	31.0 ft. SOUTH	48.6 ft. EAST			
5	#7	39.5 ft. SOUTH	50.6 ft. WEST			

WHEN PARALLELING IRRIGATION PIPE, A MINUMUM OF 48 INCHES (4 FT) HORIZONTAL CLEARANCE IS TO BE MAINTAINED BETWEEN THE OUTSIDE EDGE OF SALT RIVER PROJECT'S IRRIGATION PIPE AND THE OUTSIDE EDGE OF THE NEW UTILITY. ANY VARIANCES TO UTILITY EXCAVATION AND CONSTRUCTION CLEARANCE ACTIVITY MUST BE APPROVED AND COORDINATED ON A CASE-BY-CASE BASIS BY SRP FIELD CONSULTING SERVICES.

2" Schedule 40 PVC

2-1/2" Schedule 40 PVC

I" Schedule 40 PVC

→ APS Push Button - 2 New Wireless Radio - 1 New

3 Section 12"

Type "T" 3 Section 12" HAWK Signal Head

Mounted on Signal Pole

φЗ

φ7

← − →

← − →

BARRIER

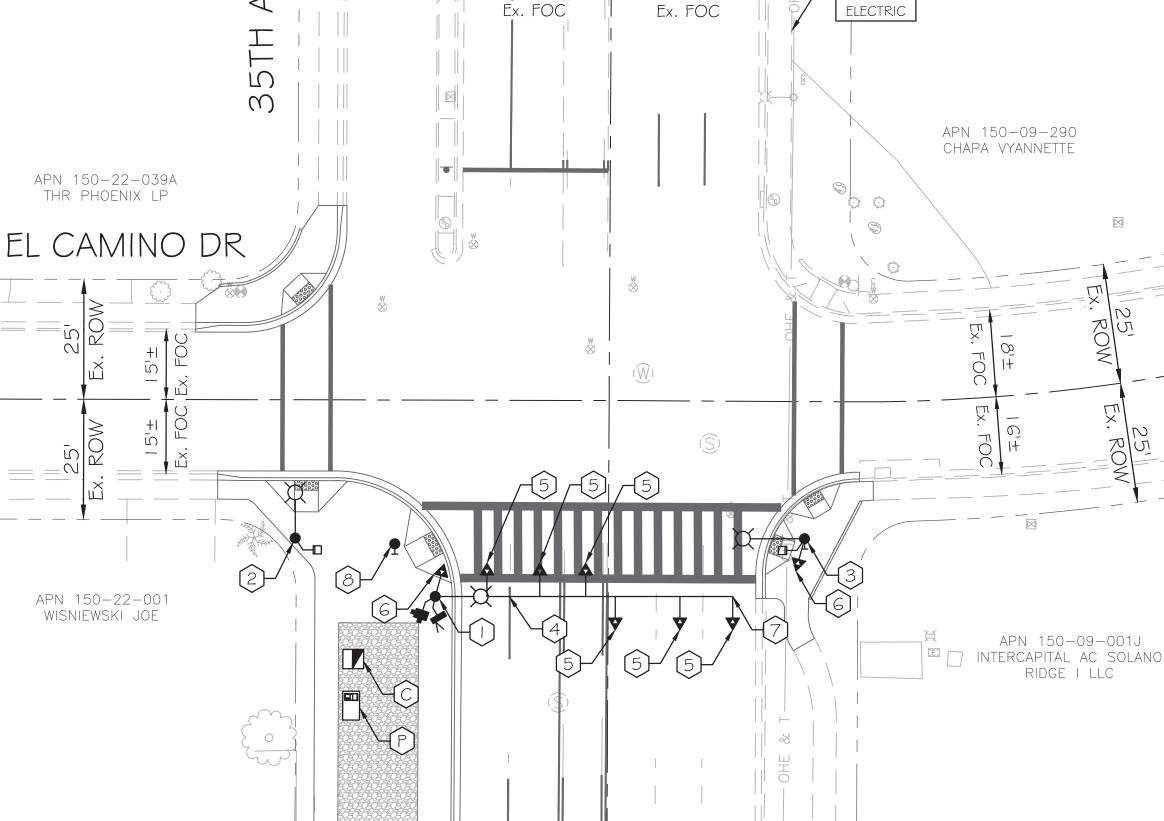
→ Protected Phase

→ Permitted Phase

→ − − Pedestrian Phase

EQUIPMENT

FOUNDATION



Ex. ROW

32'±

32'±

521,4

Ex. ROW

65'

Ex. ROW

INSTALL

Ex. ROW

(C) 8 Phase Controller Cabinet - I New P Power Service Pedestal w/ Battery Backup - I New

Traffic Signal Pole Type P70 with 20' Riser - I New

Traffic Signal Pole Type LP with 20' Riser - I New

Traffic Signal Pole Type GP - 1 New

70' (M55P70+E15) Signal Mast Arm - 1 New

Type T1 12" Signal Head Mast Arm Mount w/ Plumbizer - 8 New

Type T 12" Signal Head Pole Mount - 2 New

Damper - I New

Traffic Signal Pole Type BP in Sidewalk - 1 New

LED Luminaire - 3 New

Pedestrian Signal Head - 2 New

PTZ CCTV Camera - I New

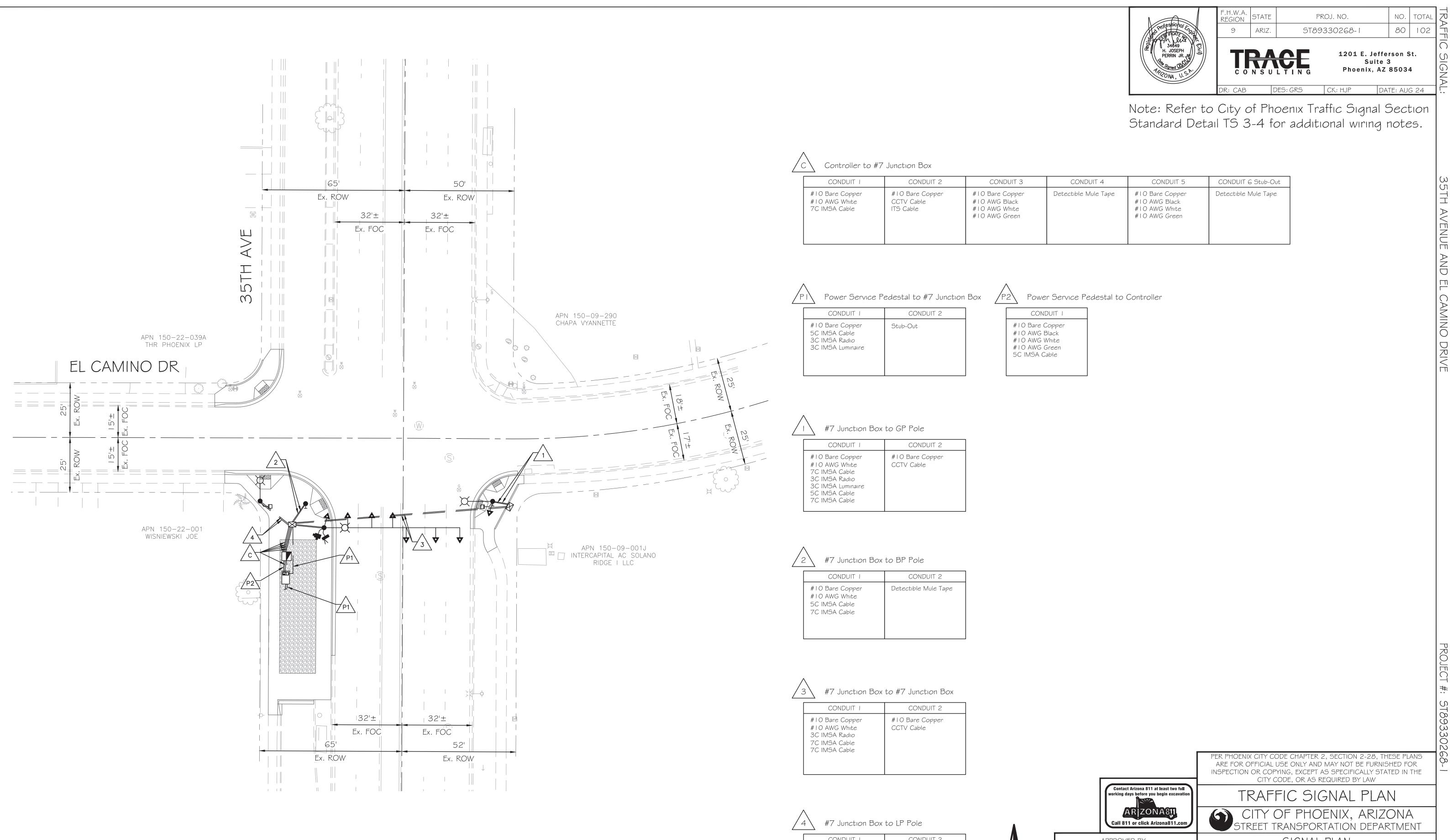
Type "TI" with Plumbizer HAWK Signal Head Mounted on Signal Mast Arm

APPROVED BY: TRAFFIC SIGNAL ENGINEER TRAFFIC SERVICES DEPUTY DIRECTOR

Contact Arizona 811 at least two full

AR ZONA811

Call 811 or click Arizona811.com



WHEN PARALLELING IRRIGATION PIPE, A MINUMUM OF 48 INCHES (4 FT)
HORIZONTAL CLEARANCE IS TO BE MAINTAINED BETWEEN THE OUTSIDE EDGE
OF SALT RIVER PROJECT'S IRRIGATION PIPE AND THE OUTSIDE EDGE OF THE
NEW UTILITY. ANY VARIANCES TO UTILITY EXCAVATION AND CONSTRUCTION
CLEARANCE ACTIVITY MUST BE APPROVED AND COORDINATED ON A
CASE-BY-CASE BASIS BY SRP FIELD CONSULTING SERVICES.

CONDUIT 1

#10 Bare Copper
#10 AWG White
3C IMSA Luminaire





SIGNAL PLAN

35TH AVENUE AND EL CAMINO DRIVE

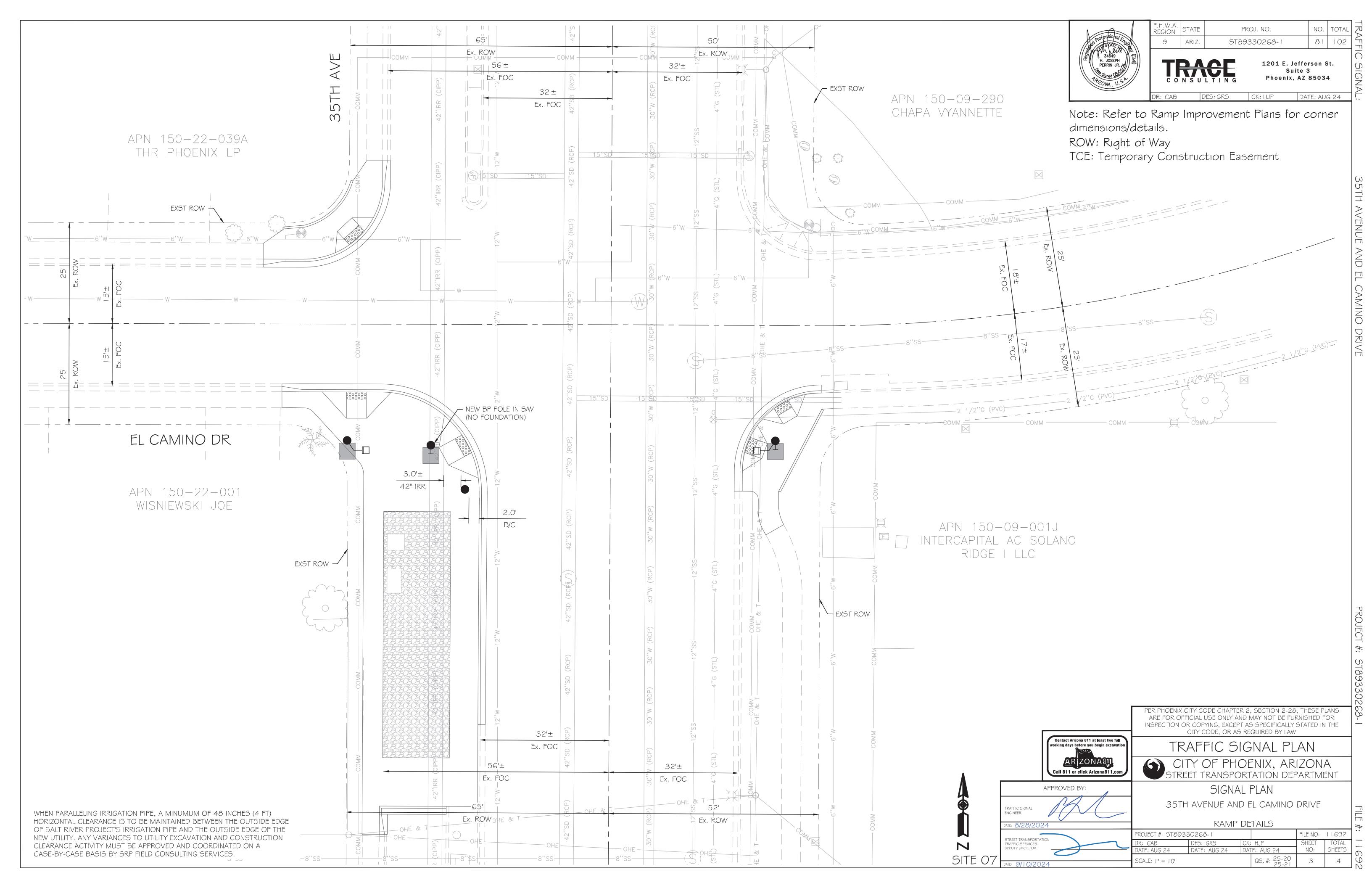
WIRING PLAN

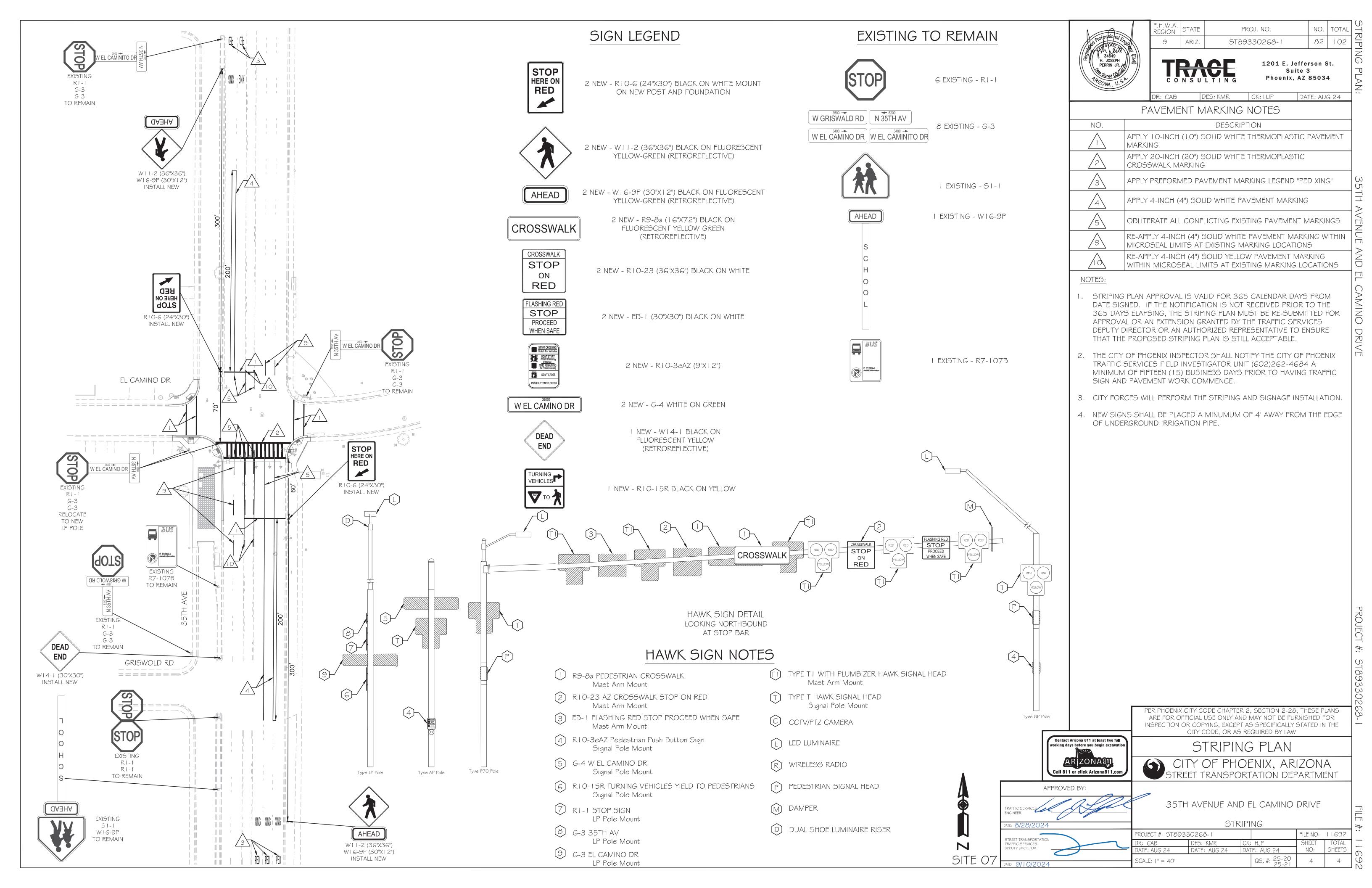
 PROJECT #: ST89330268-1
 FILE NO: 11692

 DR: CAB
 DES: GRS
 CK: HJP
 SHEET
 TOTAL

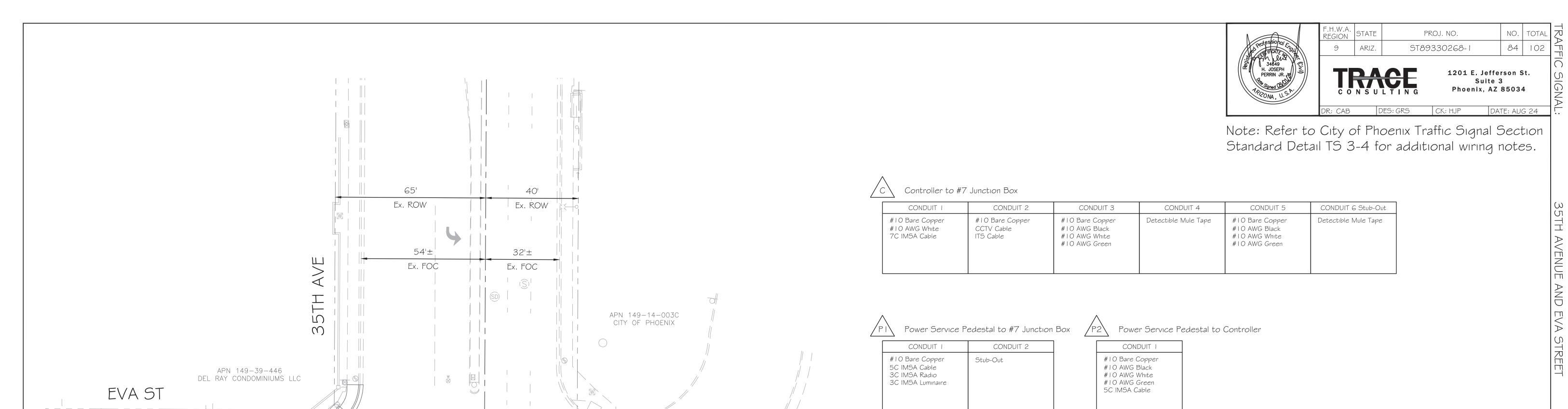
 DATE: AUG 24
 DATE: AUG 24
 NO: SHEETS

 SCALE: I" = 20'
 QS. #: 25-20
 2
 4





Contractor must have a current visible Bluestake showing all utilities. All



APN 149-39-454 MCNEILL KEVIN/ MALONEY KRISELLEN

54'±

Ex. FOC

Ex. ROW

32'±

Ex. FOC

40'

Ex. ROW

#7 Junction Box to P70 Pole

CONDUIT I CONDUIT 2

10 Bare Copper # 10 AWG White 7C IMSA Cable 3C IMSA Luminaire 5C IMSA Cable

CONDUIT I

#10 Bare Copper
#10 AWG White
5C IMSA Cable
7C IMSA Cable
3C IMSA Luminaire

#7 Junction Box to P70 Pole

#7 Junction Box to #7 Junction Box

CONDUIT I	CONDUIT 2	
#10 Bare Copper #10 AWG White 5C IMSA Cable 7C IMSA Cable 3C IMSA Luminaire	Detectable Mule Tape	

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CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

SIGNAL PLAN
35TH AVENUE AND EVA STREET

	WIRIN	G I	PLAN		
3933	30268-1			FILE NO:	1169
	DES: GRS	CK:	HJP	SHEET	TOTA
	DATE: AUG 24	DAT	TE: AUG 24	NO:	SHEET
		·	QS. #: 27-20 27-21	2	4

TRA ENG DATE TRA DEF

APPROVED BY:

TRAFFIC SIGNAL ENGINEER

DATE: 8/28/2024

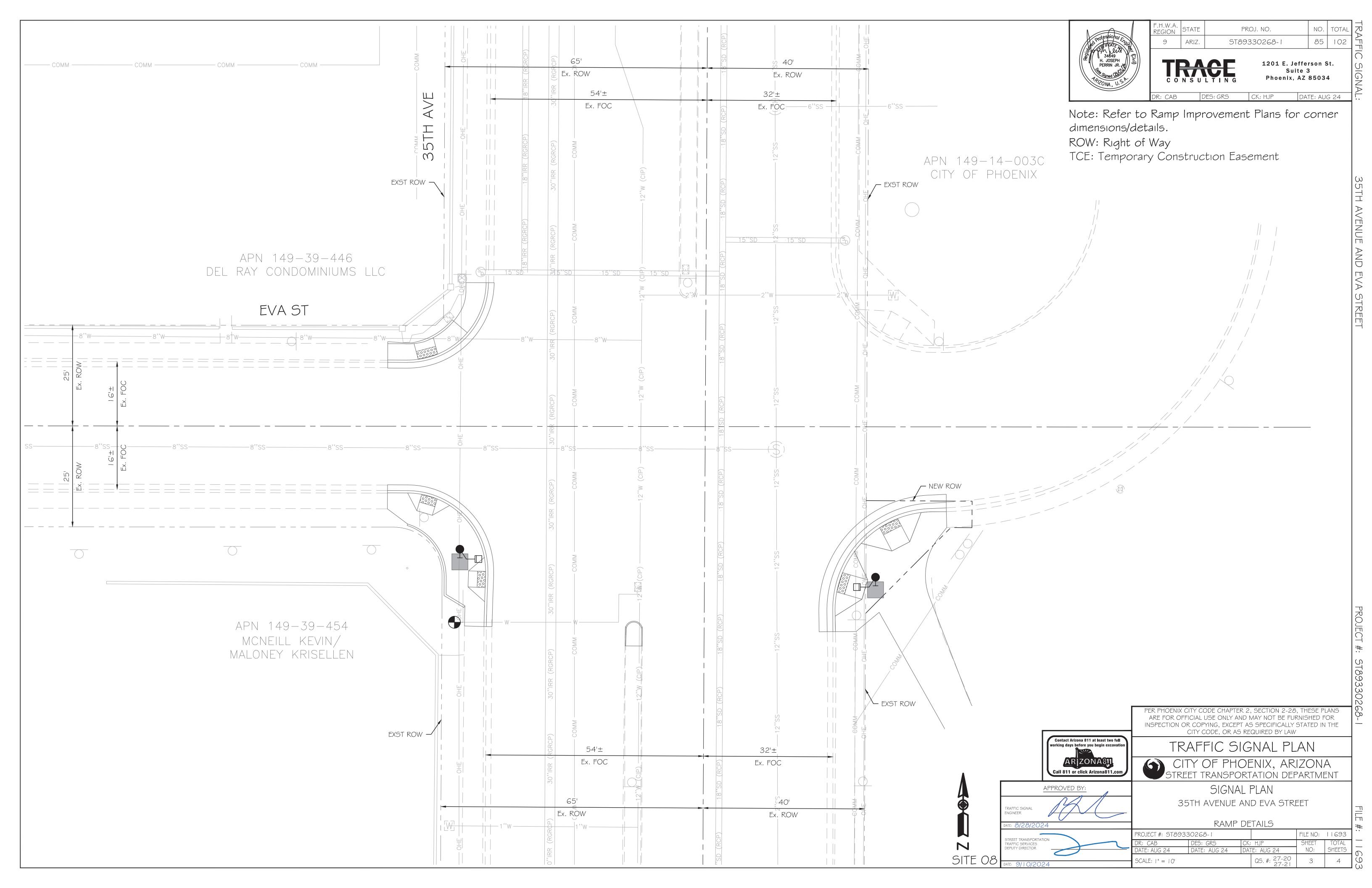
STREET TRANSPORTATION TRAFFIC SERVICES DEPUTY DIRECTOR

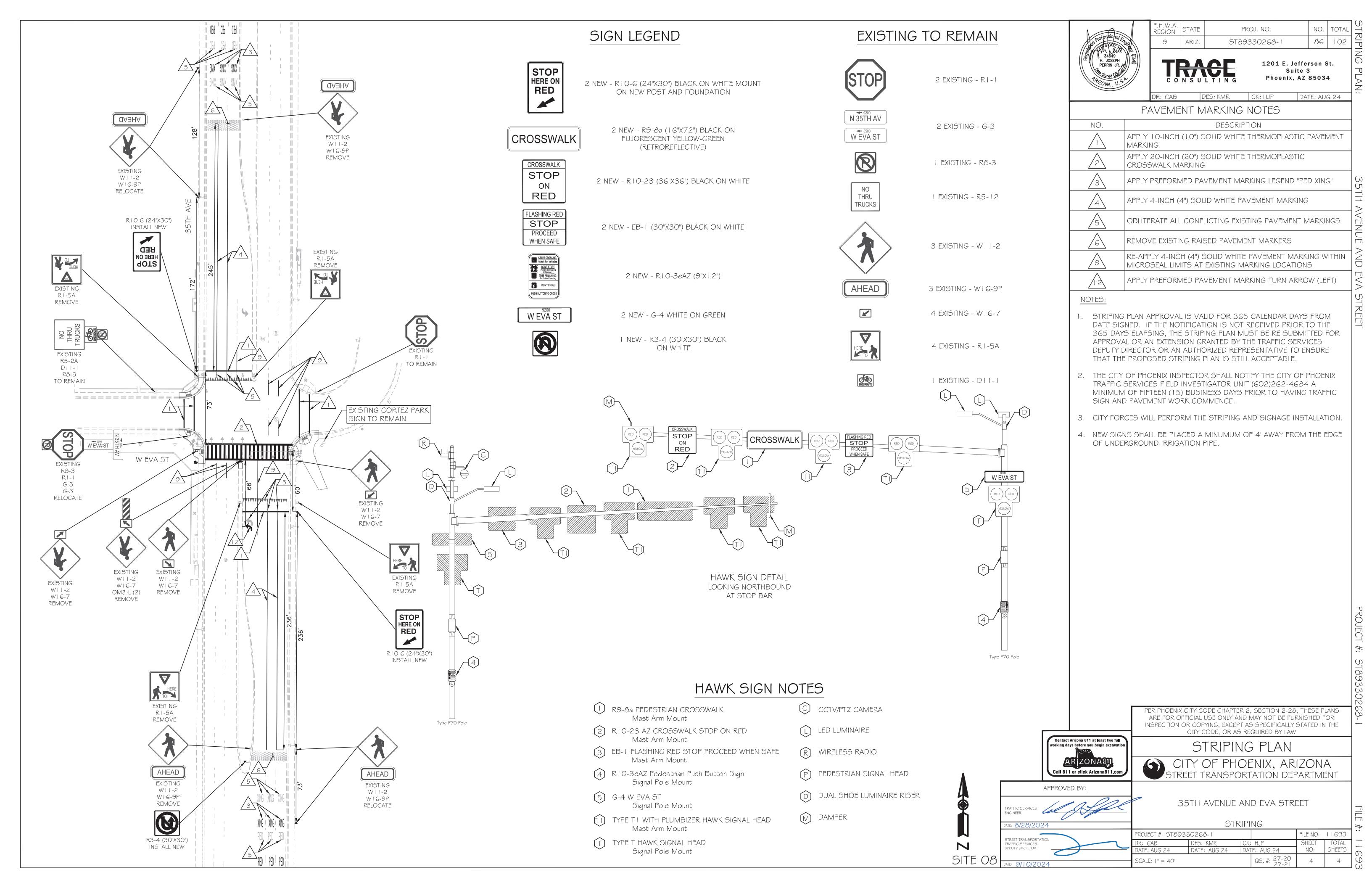
Contact Arizona 811 at least two full

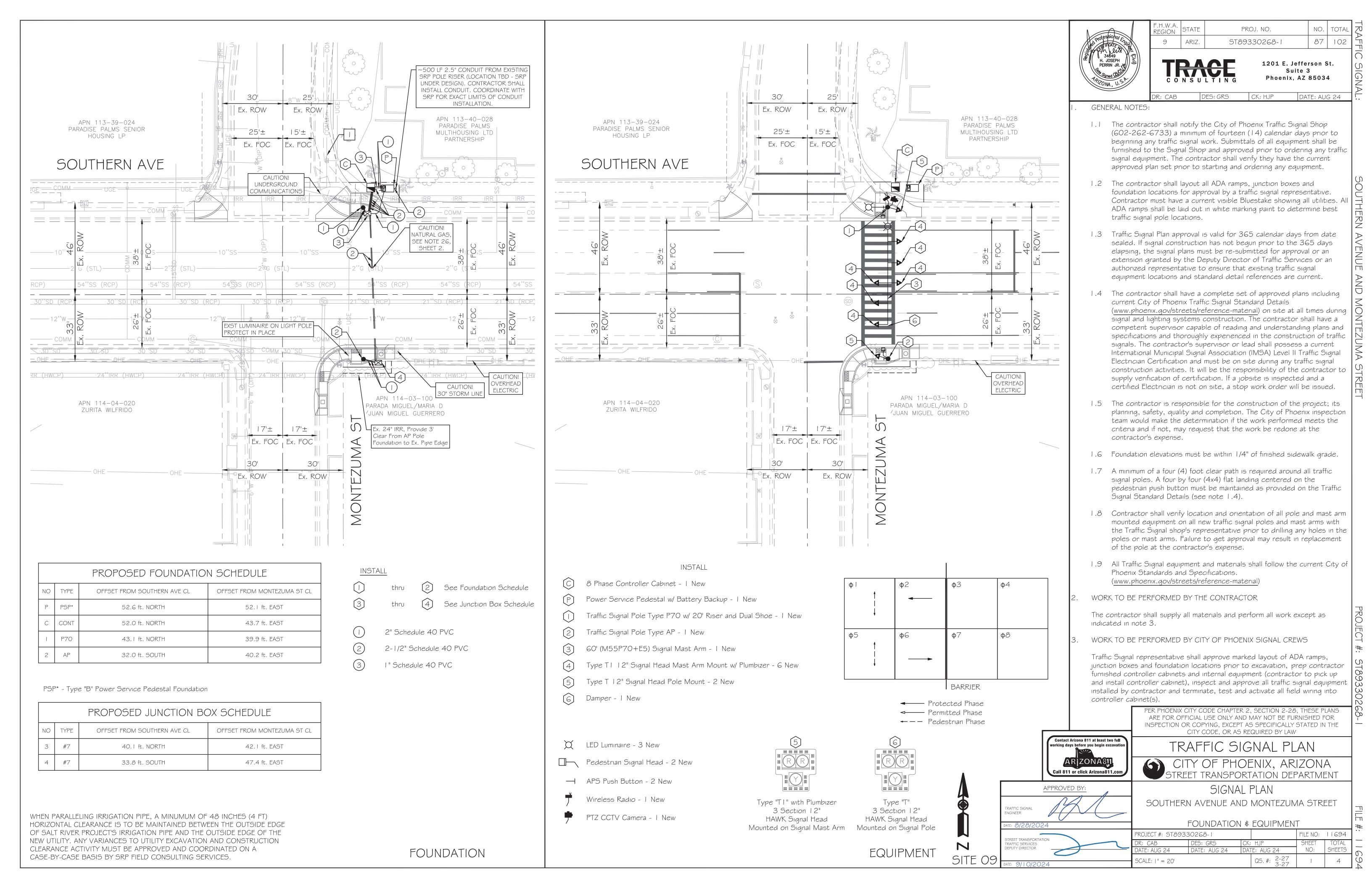
Call 811 or click Arizona811.com

DATE: AUG 24

SCALE: | " = 20'







PROJ. NO. 5T89330268-1

1201 E. Jefferson St.
Suite 3
Phoenix, AZ 85034

NO. TOTAL

88 | 102

R: CAB DES: GRS CK: HJP DATE: AUG 24

Note: Refer to City of Phoenix Traffic Signal Section Standard Detail TS 3-4 for additional wiring notes.

C

Controller to #7 Junction Box

CONDUIT I	CONDUIT 2	CONDUIT 3	CONDUIT 4	CONDUIT 5	CONDUIT 6 Stub-Out
#10 Bare Copper #10 AWG White 7C IMSA Cable	#10 Bare Copper CCTV Cable ITS Cable	#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green	Detectible Mule Tape	#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green	Detectible Mule Tape

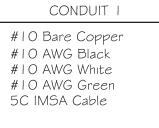


Power Service Pedestal to #7 Junction Box

P2 1

Power Service Pedestal to Controller

CONDUIT I	CONDUIT 2
#10 Bare Copper 5C IMSA Cable 3C IMSA Radio 3C IMSA Luminaire	Stub-Out





#7 Junction Box to P70 Pole

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 7C IMSA Cable 3C IMSA Radio 3C IMSA Luminaire 5C IMSA Cable 7C IMSA Cable	#10 Bare Copper CCTV Cable



#7 Junction Box to AP Pole

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 7C IMSA Cable 5C IMSA Cable	Detectible Mule Tape



#7 Junction Box to #7 Junction Box

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 7C IMSA Cable 5C IMSA Cable	Detectable Mule Tape

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TRAFFIC SIGNAL PLAN

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

SIGNAL PLAN

SOUTHERN AVENUE AND MONTEZUMA STREET

WIRING PLAN

 PROJECT #: ST89330268-1
 FILE NO: 11694

 DR: CAB
 DES: GRS
 CK: HJP
 SHEET
 TOTAL

 DATE: AUG 24
 DATE: AUG 24
 NO: SHEETS

 SCALE: I" = 20'
 QS. #: 2-27 3-27
 2
 4

WHEN PARALLELING IRRIGATION PIPE, A MINUMUM OF 48 INCHES (4 FT)
HORIZONTAL CLEARANCE IS TO BE MAINTAINED BETWEEN THE OUTSIDE EDGE
OF SALT RIVER PROJECT'S IRRIGATION PIPE AND THE OUTSIDE EDGE OF THE
NEW UTILITY. ANY VARIANCES TO UTILITY EXCAVATION AND CONSTRUCTION
CLEARANCE ACTIVITY MUST BE APPROVED AND COORDINATED ON A
CASE-BY-CASE BASIS BY SRP FIELD CONSULTING SERVICES.

30'

Ex. FOC

17'± | 17'±

Ex. FOC Ex. FOC

30'

Ex. ROW

30'

Ex. ROW

Ex. ROW

APN 113-39-024 PARADISE PALMS SENIOR HOUSING LP

SOUTHERN AVE

APN 114-04-020

ZURITA WILFRIDO

25'

Ex. ROW

APN 113-40-028 PARADISE PALMS MULTIHOUSING LTD

PARTNERSHIP

APN 114-03-100

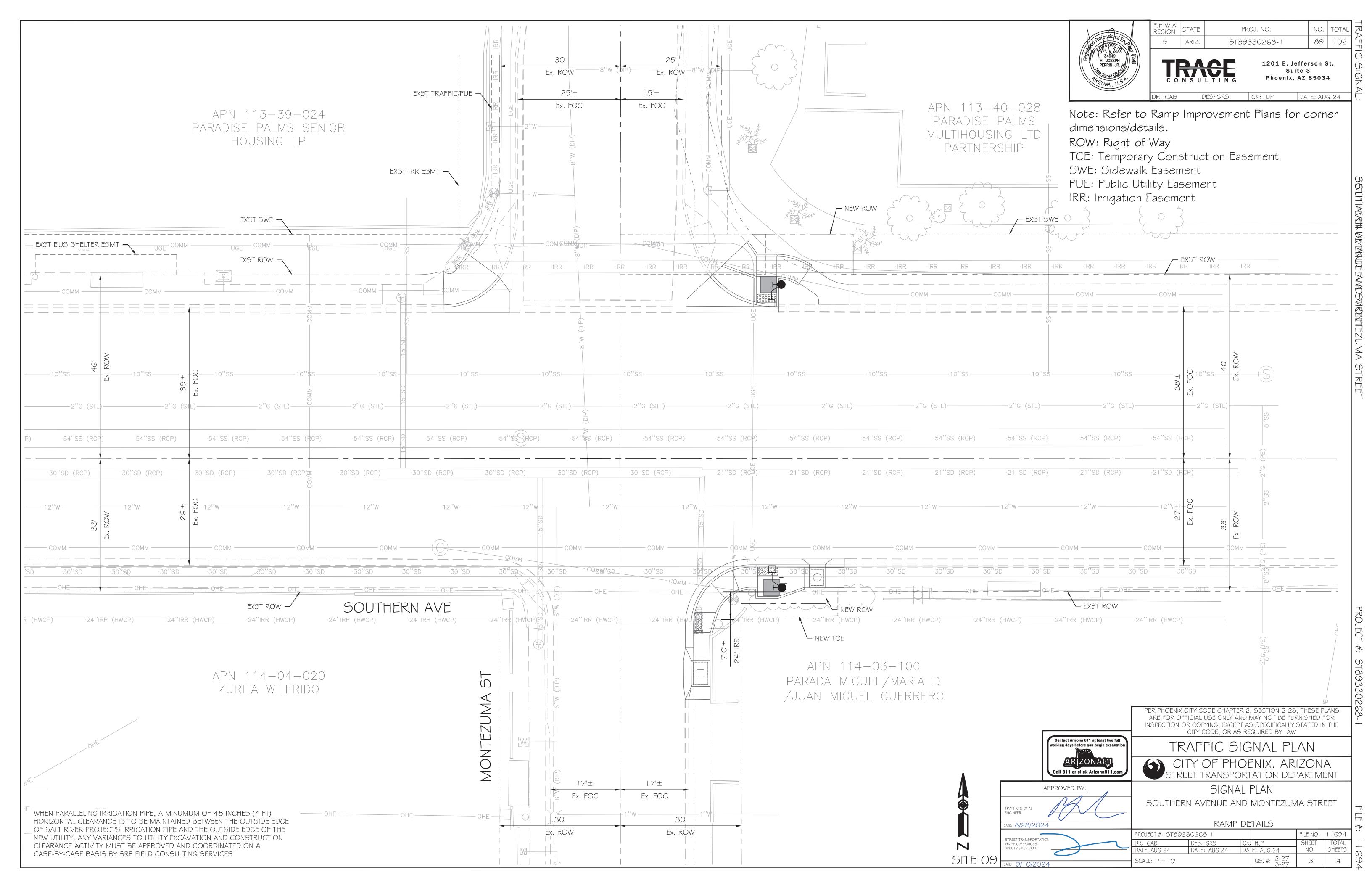
PARADA MIGUEL/MARIA D

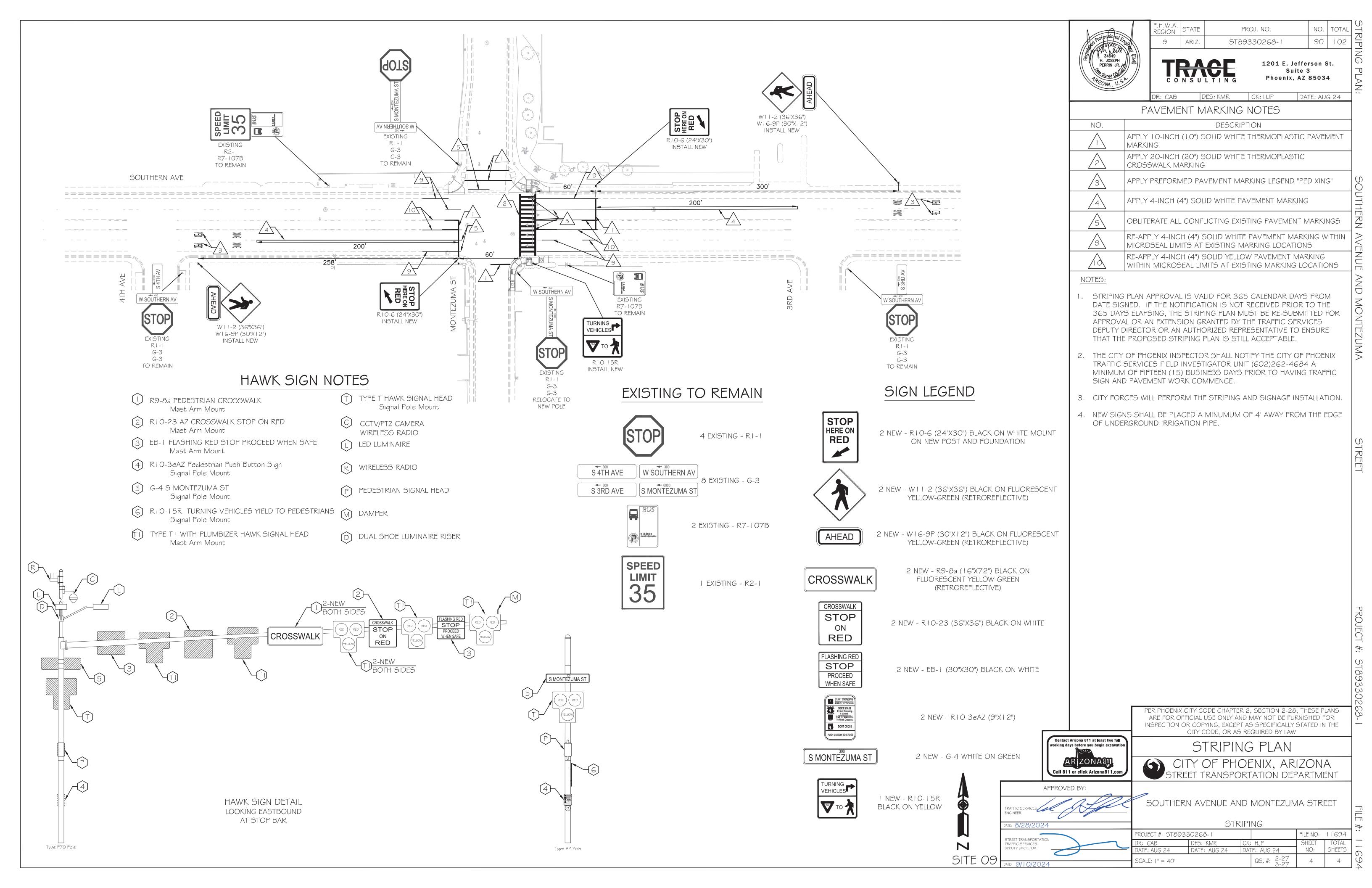
/JUAN MIGUEL GUERRERO

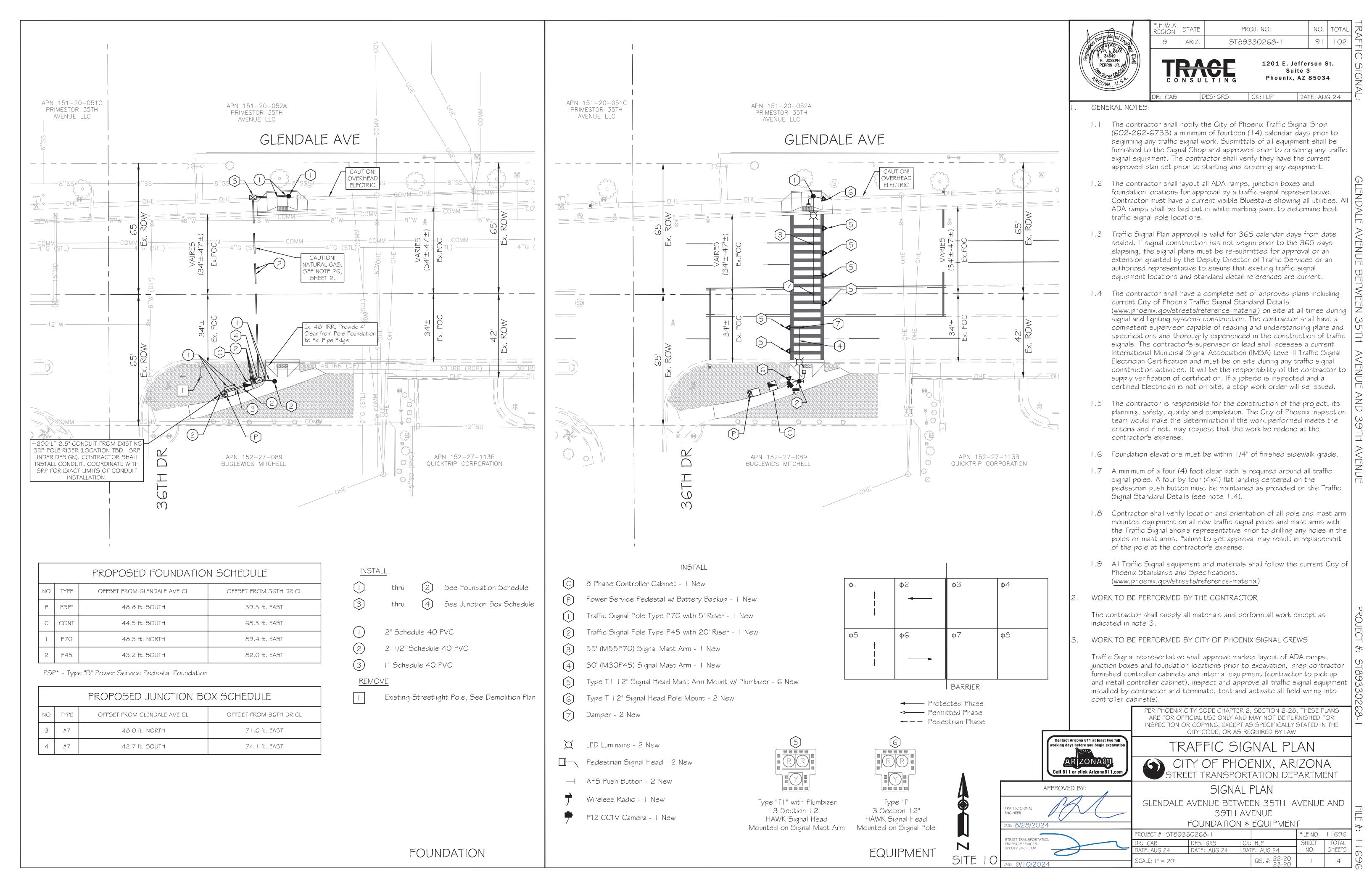


TRAFFIC SERVICES
DEPUTY DIRECTOR

7







F.H.W.A. REGION STATE ARIZ.

PROJ. NO. ST89330268-1

92 102

NO. TOTAL Z

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

DATE: AUG 24 DES: GRS

Note: Refer to City of Phoenix Traffic Signal Section Standard Detail TS 3-4 for additional wiring notes.



APN 151-20-054 PRIMESTOR 35TH AVENUE LLC

APN 152-27-113B QUICKTRIP CORPORATION

APN 151-20-051C PRIMESTOR 35TH AVENUE LLC

APN 151-20-052A PRIMESTOR 35TH AVENUE LLC

APN 152-27-089 BUGLEWICS MITCHELL

GLENDALE AVE

Controller to #7 Junction Box

CONDUIT I	CONDUIT 2	CONDUIT 3	CONDUIT 4	CONDUIT 5	CONDUIT 6 Stub-Out
#10 Bare Copper #10 AWG White 7C IMSA Cable	#10 Bare Copper CCTV Cable ITS Cable	#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green	Detectible Mule Tape	#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green	Detectible Mule Tape



Power Service Pedestal to #7 Junction Box

<u> </u>	
CONDUIT I	CONDUIT 2
#10 Bare Copper 5C IMSA Cable 3C IMSA Radio 3C IMSA Luminaire	Stub-Out



/P2 Power Service Pedestal to Controller

CONDUIT I	
#10 Bare Copper #10 AWG Black #10 AWG White #10 AWG Green 5C IMSA Cable	



#7 Junction Box to P45 Pole

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 7C IMSA Cable 3C IMSA Radio 3C IMSA Luminaire 5C IMSA Cable 7C IMSA Cable	#10 Bare Copper CCTV Cable



#7 Junction Box to P70 Pole

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 5C IMSA Cable 7C IMSA Cable 3C IMSA Luminaire	Detectable Mule Tape



#7 Junction Box to #7 Junction Box

CONDUIT I	CONDUIT 2
#10 Bare Copper #10 AWG White 5C IMSA Cable 7C IMSA Cable 3C IMSA Luminaire	Detectable Mule Tape

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TRAFFIC SIGNAL PLAN

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT



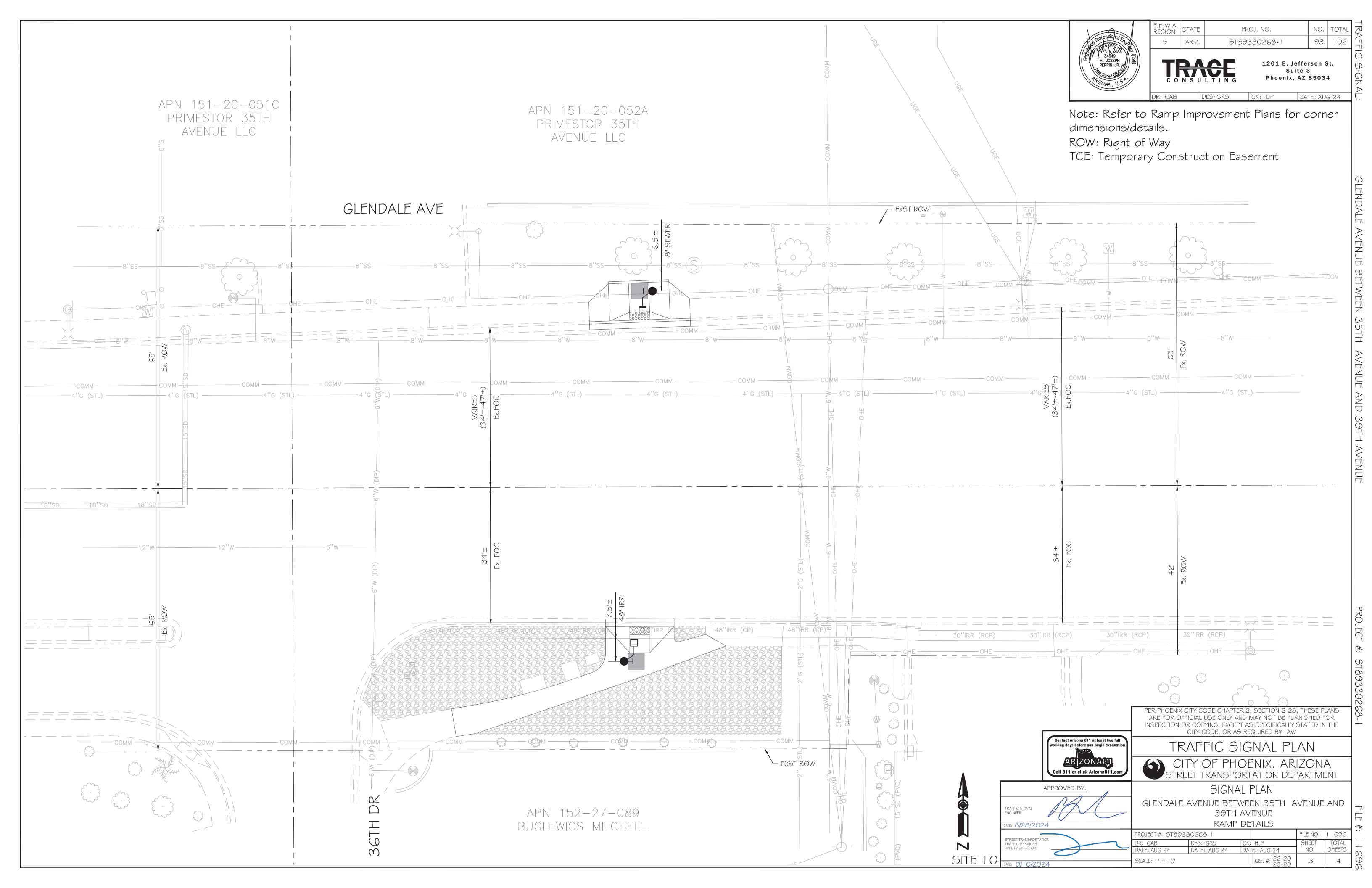
GLENDALE AVENUE BETWEEN 35TH AVENUE AND 39TH AVENUE

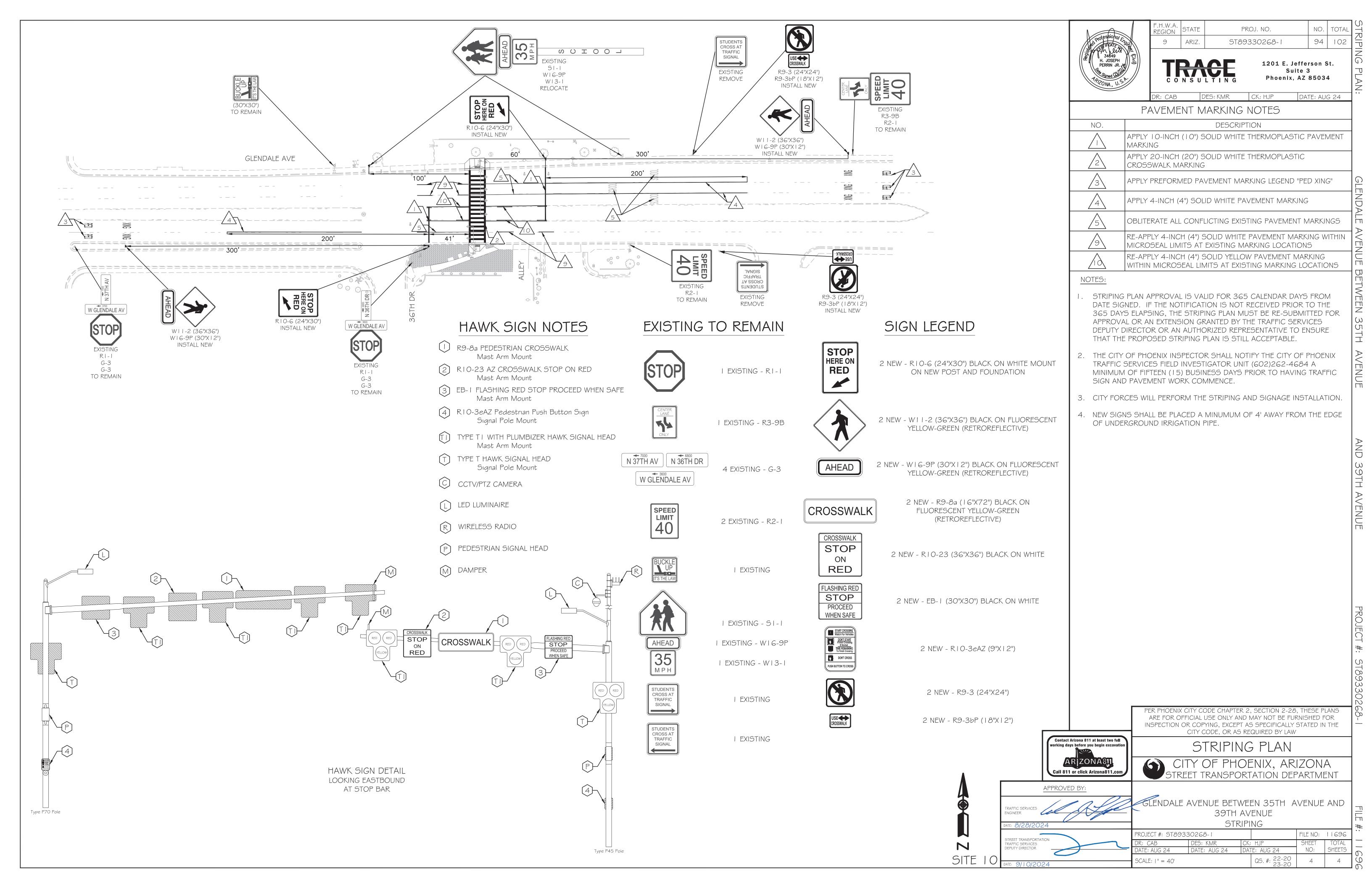
WIRING PLAN PROJECT #: ST89330268-1 FILE NO: 11696 DATE: AUG 24 DATE: AUG 24 DATE: AUG 24 NO: Q5. #: 22-20 SCALE: | " = 20'

APPROVED BY: STREET TRANSPORTATION
TRAFFIC SERVICES
DEPUTY DIRECTOR

Contact Arizona 811 at least two full

Call 811 or click Arizona811.com

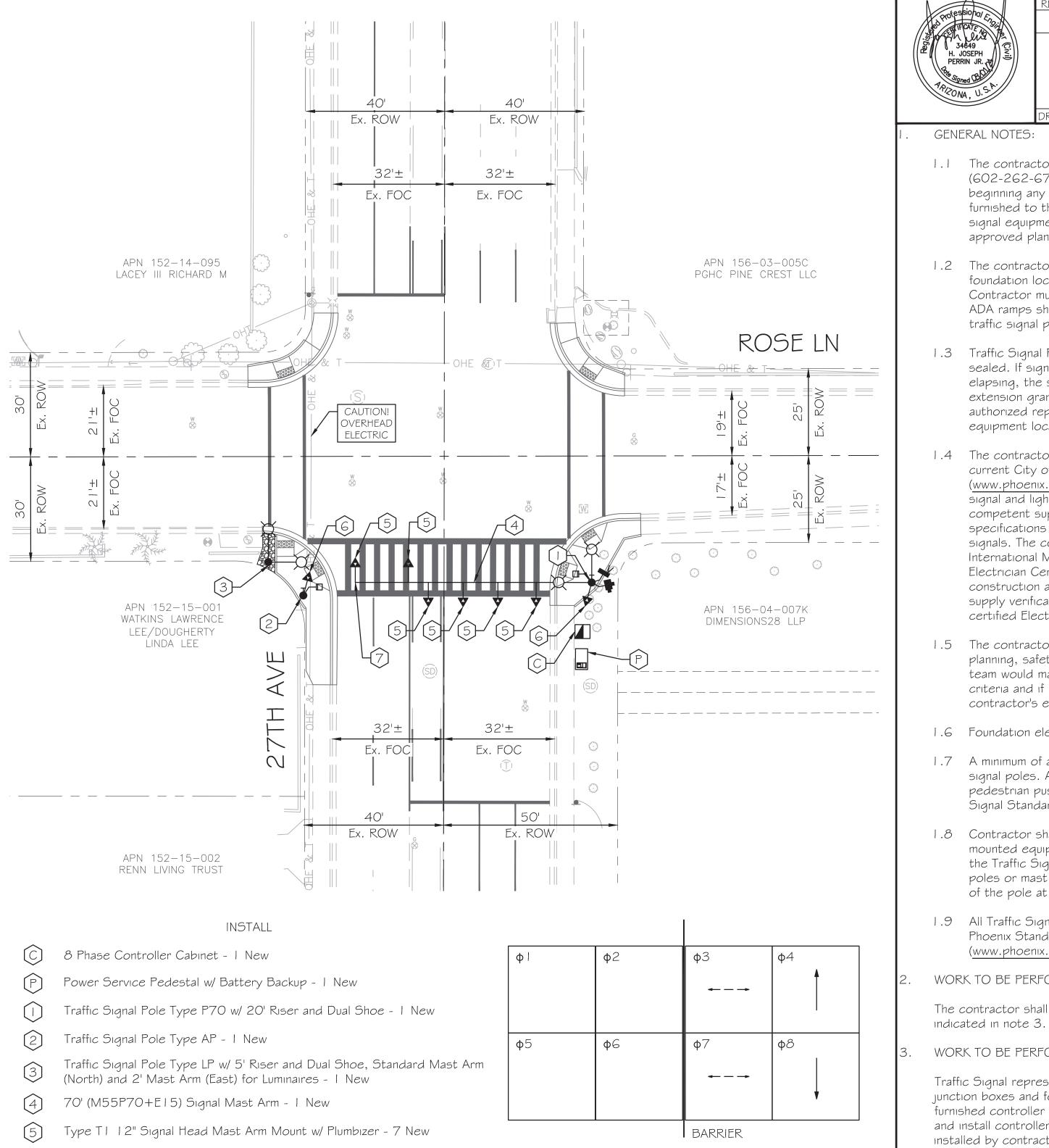




REGION

contractor's expense.

controller cabinet(s).



PSP* - Type "B" Power Service Pedestal Foundation

APN 152-14-095

LACEY III RICHARD M

APN 152-15-001

WATKINS LAWRENCE

LEE/DOUGHERTY

LINDA LEE

APN 152-15-002

RENN LIVING TRUST

OFFSET FROM ROSE LN CL

58.4 ft. SOUTH

50.5 ft. SOUTH

36.4 ft. SOUTH

39.9 ft. SOUTH

30.3 ft. SOUTH

NO TYPE

P PSP*

C CONT

3 LP

P70

AP

	PROPOSED JUNCTION BOX SCHEDULE		
N	O TYPE	OFFSET FROM PEORIA AVE CL	OFFSET FROM 27TH AVE CL
4	#7	44.1 ft. SOUTH	43.4 ft. EAST
5	#7	31.6 ft. SOUTH	46.9 ft. WEST

PROPOSED FOUNDATION SCHEDULE

40'

Ex. ROW

32'±

Ex. FOC

CAUTION! OVERHEAD

Ex. FOC

Ex. ROW

OFFSET FROM 27TH AVE CL

39.6 ft. EAST

38.8 ft. EAST

42.5 ft. EAST

40.4 ft. WEST

50.5 ft. WEST

40'

Ex. ROW

32'±

Ex. FOC

Ex. FOC

INSTALL See Foundation Schedule See Junction Box Schedule 2" Schedule 40 PVC 2-1/2" Schedule 40 PVC I" Schedule 40 PVC

APN 156-03-005C

PGHC PINE CREST LLC

APN 156-04-007K

DIMENSIONS28 LLP

CAUTION!

NATURAL GAS SEE NOTE 26,

SHEET 2.

- 100 LF 2.5" CONDUIT FROM NEW SRP POLE

FOR EXACT LIMITS OF CONDUIT INSTALLATION.

SHALL INSTALL CONDUIT. COORDINATE WITH SRP

ROSE LN

Type T 12" Signal Head Pole Mount - 2 New

7 Damper - I New

LED Luminaire - 4 New

Pedestrian Signal Head - 2 New

Wireless Radio - I New

PTZ CCTV Camera - I New

→ APS Push Button - 2 New

3 Section 12"

Type "TI" with Plumbizer HAWK Signal Head Mounted on Signal Mast Arm

Type "T" 3 Section 12"

HAWK Signal Head Mounted on Signal Pole

AR ZONA'811 Call 811 or click Arizona811.com APPROVED BY: TRAFFIC SIGNAL ENGINEER TRAFFIC SERVICES DEPUTY DIRECTOR

Contact Arizona 811 at least two full

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TRAFFIC SIGNAL PLAN

CITY OF PHOENIX, ARIZONA

PROJECT #: ST89330268-SHEETS PATE: AUG 24 DATE: AUG 24 DATE: AUG 24 NO: QS. #: 21-22 SCALE: | " = 20"

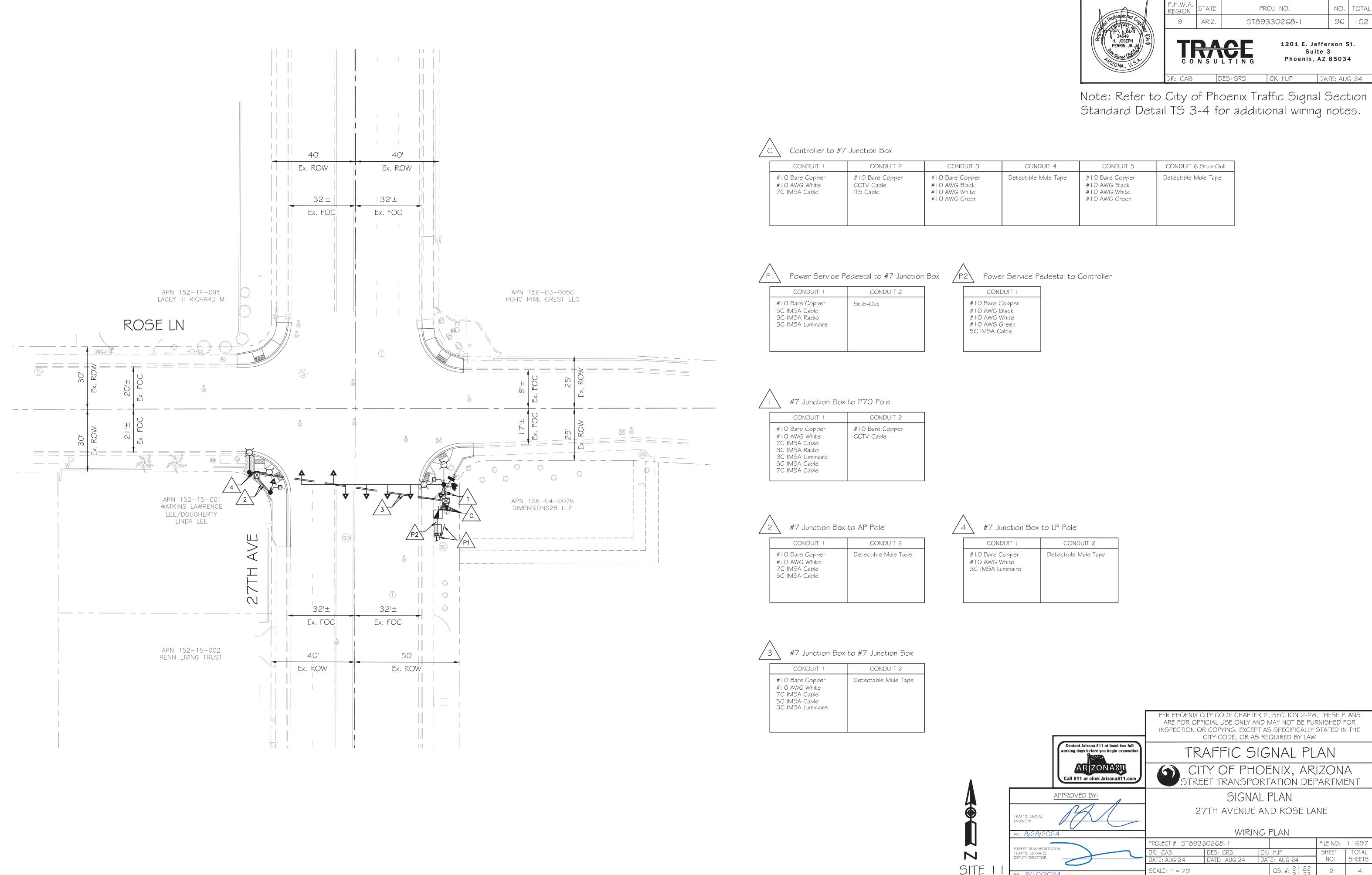
FOUNDATION

EQUIPMENT

→ Protected Phase

→ Permitted Phase

→ − − Pedestrian Phase



NO. TOTAL 96 102

AVENUE AND ROSE

FILE NO: 11697

SCALE: | " = 20'

