

# City of Peoria

## Engineering Department

### JOMAX ROAD EXTENSION DYSART ROAD TO 126TH DRIVE

Location (T4N, R1W, S2 & T5N, R1W, S35)



CITY OF PEORIA  
ENGINEERING  
DEPARTMENT  
9875 N. 85TH AVENUE  
PEORIA, AZ 85345

monochrome.ctb

Don Fromm

5/7/2026 1:41:44 PM

DESIGN: DPF	CHK: CSS	DATE:
REV	DESCRIPTION	DATE:

COVER SHEET

JOMAX ROAD EXTENSION  
DYSART ROAD TO 126TH DRIVE

PROJECT NO. P65410  
DATE: MAY 6, 2026

PRELIMINARY

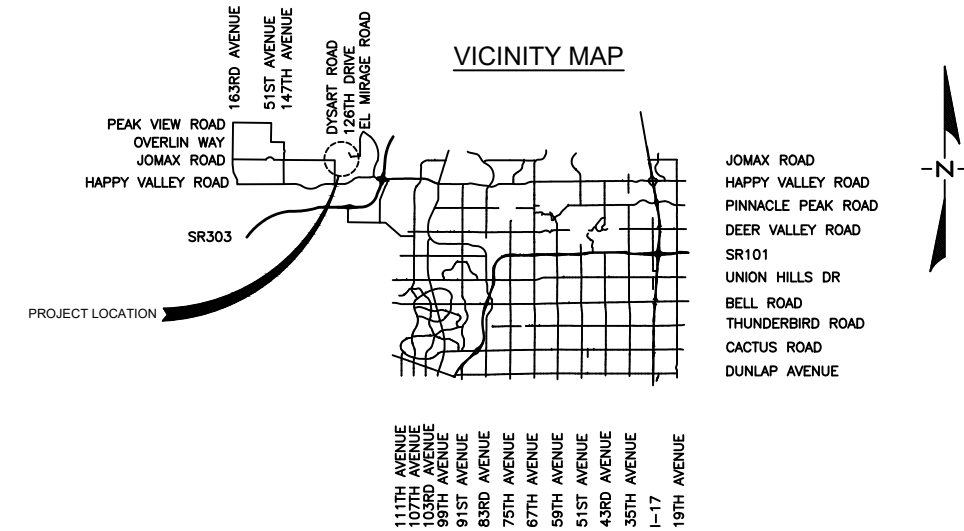
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NOT FOR  
CONSTRUCTION  
OR RECORDING

DRAWING NO.  
CV01

SHEET NO.  
1 of 83

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CITY OF SURPRISE PROJECT NUMBER P65410  
CITY OF PEORIA PROJECT NUMBER EN00857

APPROVALS:

ENGINEERING DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_

PROJECT BENCHMARK

PROJECT BENCHMARK IS CONTROL POINT #99  
LAT: N33°43'31.44215"  
LONG: W112°20'39.65080"  
ELLIPSOID HEIGHT: 1294.844 FT  
ELEVATION: 1392.592 FT  
DESCRIPTION: NGS MONUMENT "Q366"

HORIZONTAL DATUM IS BASED ON ARIZONA CENTRAL ZONE (0202), NAD83  
COORDINATES FOR THIS PROJECT HAVE BEEN MODIFIED TO GROUND, AT AN  
ORIGIN POINT OF N: 991,733.874, E:569,966.997, KNOWN AS NGS MONUMENT  
"Q366", UTILIZING A SCALE FACTOR OF 1.0001426107.

VERTICAL BENCHMARK

VERTICAL DATUM IS THE CITY OF PEORIA POINT 4LC1:

CITY OF PEORIA (GRID)  
N: 991524.69  
E: 549957.16  
ELEV: 1423.77  
DESCRIPTION: 3" ALUM CAP W/DIMPLE

CITY OF PEORIA (GROUND)  
N: 991524.58  
E: 549954.37  
ELEV: 1423.77  
DESCRIPTION: 3" ALUM CAP W/DIMPLE

AS-SURVEYED BY COOPER AERIAL SURVEYS (GROUND)  
N: 991524.67  
E: 549954.31  
ELEV: 1423.77  
DESCRIPTION: 3" ALUM CAP W/DIMPLE

CITY COUNCIL

MAYOR  
Jason Beck

COUNCIL MEMBERS

Jennifer Crawford – Vice Mayor  
Michael Finn  
Rick Stokes  
Matt Bullock  
Denette Dunn  
Jon Edwards

AS-BUILT CERTIFICATION:

I CERTIFY THAT THE "AS BUILT" INFORMATION SHOWN HEREON WAS OBTAINED UNDER MY DIRECT SUPERVISION AND IS CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CONTRACTOR: \_\_\_\_\_  
PERMIT NO. \_\_\_\_\_  
APPROVAL DATE: \_\_\_\_\_  
BY CITY INSPECTOR: \_\_\_\_\_

NOTICE  
THE CITY OF PEORIA ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE "AS-BUILT" INFORMATION PROVIDED AS PUBLIC RECORD

RECORD DRAWING:

I HEREBY CERTIFY THIS RECORD DRAWING WAS MADE UNDER MY SUPERVISION OR AS NOTED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED PROFESSIONAL ENGINEER \_\_\_\_\_ REGISTRATION NO. \_\_\_\_\_ DATE \_\_\_\_\_

UTILITY DESIGN CONTACTS:

PLANS SUBMITTED TO	DATE SENT	PHONE NUMBER
ARIZONA PUBLIC SERVICE – ELECTRICAL	RONNIE GANDARA 05/08/2026	602-320-7069
CENTURYLINK – LUMEN – FIBER	KEVIN WAGNER 05/08/2026	815-245-9640
COX COMMUNICATIONS – FIBER	JACOB HORSMAN 05/08/2026	623-328-2202
MCI – VERIZON – FIBER	JOAQUIN CAMPOS 05/08/2026	480-952-7450
SOUTHWEST GAS CORPORATION – GAS	MATTHEW MILLER 05/08/2026	480-772-0410
ITS – CITY OF PEORIA	JODI MCKERZIE 05/08/2026	623-773-7000
WATER – CITY OF PEORIA	DAN NISSEN 05/08/2026	602-739-8802
WASTEWATER – CITY OF PEORIA	MICHAEL CARDWELL 05/08/2026	602-739-8802



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**GENERAL INFORMATION**

- NO PERSON, CORPORATION, CONTRACTOR, OR UTILITY SHALL WORK WITHIN THE RIGHT-OF-WAY, ROAD, STREET, OR EASEMENTS GRANTED FOR PUBLIC USE OR ALLEYS WITHOUT SECURING AN ENGINEERING CONSTRUCTION PERMIT FROM THE ENGINEERING DEPARTMENT.
- ENGINEERING CONSTRUCTION PERMITS ARE REQUIRED FOR GRADING, DRAINAGE, EROSION CONTROL, FLOOD CONTROL, STRUCTURES, HAULING MATERIAL IN EXCESS OF 100 CUBIC YARDS, OILING, GRAVELING OR ANY SURFACING OF ANY STREET, ALLEY, WATER SYSTEM, WASTEWATER SYSTEM, STORM DRAIN SYSTEM, TRENCHING, GAS OR ANY OTHER TYPES OF PIPE LINES, DRYWELLS, PAVING, CURB, GUTTER, SIDEWALKS, DRIVEWAYS (CONCRETE), FLOOD IRRIGATION, LANDSCAPE/IRRIGATION, TRAFFIC SIGNALS, STRIPING AND SIGNAGE, BANK STABILIZATION AND CHANNELIZATION, STREET LIGHTS, WELL ABANDONMENT, UTILITY LINES SUCH AS ELECTRIC, TELEPHONES, TELEVISION, COMMUNICATIONS AND OTHER FRANCHISED FACILITIES.
- EFFECTIVE MAY 13, 2025, IN ACCORDANCE WITH SENATE BILL 1182, ALL CONSTRUCTION ACTIVITY WITHIN THE CITY OF PEORIA MUST COMPLY WITH CHAPTER 13 OF THE CITY CODE RESTRICTING OUTDOOR CONSTRUCTION HOURS AS LISTED BELOW:

CONSTRUCTION TYPE		May 1 – October 15	October 16 – April 30
A	Concrete Work	4:00 AM to 7:00 PM	6:00 AM to 7:00 PM
B	Construction Other Than Concrete (Residential Zones or within 500 ft. of Residential Zone)	5:00 AM to 7:00 PM	7:00 AM to 7:00 PM
C	Construction Other Than Concrete (Commercial and Industrial Zones – more than 500 ft. from Residential Zone)	5:00 AM to 7:00 PM	5:00 AM to 7:00 PM

- THE CITY CODE ALSO ESTABLISHES WORK HOURS IN THE PUBLIC RIGHT-OF-WAY AS FOLLOWS:

NO INTERFERENCE WITH TRAFFIC FLOW ON ARTERIAL STREETS SHALL BE PERMITTED DURING THE HOURS OF 6:00 A.M. TO 8:30 A.M. OR FROM 4:00 P.M. TO 7:00 P.M. UNLESS PRIOR AUTHORIZATION IS OBTAINED IN WRITING BY THE CITY OF PEORIA TRAFFIC ENGINEER OR THEIR DESIGNEE.

- PRIOR TO ISSUANCE OF ENGINEERING CONSTRUCTION PERMITS, THE CONTRACTOR/DEVELOPER MUST PROVIDE THE CITY OF PEORIA WITH THE SPECIFIC INFORMATION AND PAYMENT OF FEES AS LISTED IN CHAPTER 2 OF THE CITY CODE. ANY PERSON, CORPORATION, CONTRACTOR, OR UTILITY COMPANY WORKING IN THE RIGHT-OF-WAY, ROAD, STREET, OR EASEMENTS GRANTED FOR PUBLIC USE OR ALLEYS WITHOUT SECURING A PERMIT IS SUBJECT TO A FINE IN ACCORDANCE WITH CHAPTER 23 OF THE CITY CODE.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN (TCP) SUBMITTAL FORM AND TRAFFIC CONTROL PLAN. THE SUBMITTAL FORM MUST BE SUBMITTED WITH THE TCP VIA EMAIL TO TCP@PEORIAAZ.GOV. FAXED COPIES WILL NOT BE ACCEPTED. FOR QUESTIONS, PLEASE CONTACT THE CITY AT 623-773-7600. THE SUBMITTER/DESIGNER OF THE TCP SHALL BE IMSA OR ATSSA CERTIFIED. THE TCP SHALL COMPLY WITH THE LATEST EDITIONS TO THE MUTCD, CITY OF PHOENIX TRAFFIC BARRICADE MANUAL, MAG SECTION 401, CITY OF PEORIA ENGINEERING STANDARDS, AND ANY SPECIAL CONDITIONS REQUIRED BY THE CITY OF PEORIA. A TCP SHALL BE SUBMITTED TO THE DEVELOPMENT & ENGINEERING DEPARTMENT AND ACCEPTED A MINIMUM OF THREE WORKING DAYS (72 HOURS) PRIOR TO CONSTRUCTION. AN ACCEPTED TCP WILL BE STAMPED AND A COPY RETURNED TO THE CONTRACTOR.
- BARRICADES MUST BE CONTINUALLY MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. REFER TO CHAPTER 23 OF THE CITY CODE. IF ANY PART OF THE TCP FALLS WITHIN 300' OF A SIGNALIZED INTERSECTION, AN OFF-DUTY OFFICER WILL BE REQUIRED FOR TRAFFIC CONTROL. A COPY OF THE ACCEPTED PLAN MUST REMAIN ON THE JOB SITE AT ALL TIMES.
- REFER TO THE "GENERAL INFORMATION-FINAL ACCEPTANCE OF PROJECTS CHECKLIST" FOR A LIST OF THE REQUIRED CLOSE OUT ITEMS. ANY QUESTIONS SHOULD BE DIRECTED TO THE ENGINEERING INSPECTOR.

**GENERAL NOTES**

- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE MARICOPA ASSOCIATION OF GOVERNMENTS' (MAG) UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION. THE LATEST EDITION OF THE CITY OF PEORIA INFRASTRUCTURE DESIGN GUIDELINES, THE CITY OF PEORIA SUPPLEMENT TO MARICOPA ASSOCIATION OF GOVERNMENTS UNIFORM STANDARDS DETAILS AND CITY OF PHOENIX STANDARD DETAILS WILL CONTINUE TO APPLY WHERE SUCH DETAILS WERE NOT ADOPTED OR INCLUDED BY MAG. ALTERNATE DETAILS AND SPECIFICATIONS MAY BE SUBMITTED FOR REVIEW AND ACCEPTANCE BY THE ENGINEERING DEPARTMENT. IF ACCEPTED, ALTERNATE DETAILS WILL BE SHOWN AS PART OF THE APPROVED PLANS/DETAIL SHEETS.
- THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF ENGINEERING CONSTRUCTION PERMITS. HOWEVER, SUCH REVIEW SHALL NOT PREVENT THE ENGINEERING DIRECTOR FROM REQUIRING CORRECTION OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF ANY LAW OR ORDINANCE.
- APPROVAL BY THE DEVELOPMENT & ENGINEERING DIRECTOR MEANS FOR GENERAL LAYOUT IN RIGHT-OF-WAY ONLY. THIS APPROVAL OF CONSTRUCTION PLANS IS VALID FOR A PERIOD OF 9 MONTHS. ENGINEERING CONSTRUCTION PERMITS SHALL BE OBTAINED WITHIN THIS PERIOD OR THE PLANS SHALL BE RESUBMITTED FOR APPROVAL. WORK SHALL ALSO BE CONTINUOUSLY PURSUED IN ORDER TO MAINTAIN A VALID PLAN APPROVAL AND PERMIT. APPROVAL IS ONLY FOR WORK WITHIN THE JURISDICTION OF THE CITY OF PEORIA.
- THE DEVELOPMENT & ENGINEERING DIRECTOR DOES NOT WARRANT ANY QUANTITIES SHOWN ON THESE PLANS.
- ENGINEERING CONSTRUCTION PERMITS FOR ANY WORK WITHIN THE RIGHT-OF-WAY AND EASEMENTS, AND ANY GRADING AND DRAINAGE, WHETHER ON-SITE OR OFF-SITE, IS REQUIRED PRIOR TO COMMENCING WORK. THE BUILDING PERMIT SHALL NOT BE CONSTRUED IN ANY WAY AS PERMISSION TO COMMENCE WORK COVERED BY AN ENGINEERING CONSTRUCTION PERMIT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR/DEVELOPER TO UNDERSTAND THE WORK COVERED BY VARIOUS PERMITS.
- THE DEVELOPMENT & ENGINEERING DEPARTMENT, INSPECTION DIVISION, SHALL BE NOTIFIED 24 HOURS PRIOR TO ANY CONSTRUCTION WORK BY TELEPHONE AT (623) 773-8445. ANY WORK CONCEALED WITHOUT INSPECTION SHALL BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S/DEVELOPER'S EXPENSE.
- AN APPROVED SET OF PLANS MUST BE AVAILABLE ON THE JOB SITE AT ALL TIMES. THE CONTRACTOR'S/DEVELOPER'S REPRESENTATIVE (CAPABLE OF COMMUNICATING WITH THE CITY'S REPRESENTATIVES) SHALL BE ON THE JOB AT ALL TIMES THE WORK IS BEING PURSUED.
- THE CONTRACTOR/DEVELOPER IS RESPONSIBLE TO PROVIDE EMERGENCY TELEPHONE NUMBERS TO THE CITY OF PEORIA AT TIME OF ISSUANCE OF ENGINEERING CONSTRUCTION PERMITS AND HAVE PERSONNEL AVAILABLE 24-HOURS A DAY TO RESPOND TO EMERGENCIES. IF THE CITY IS REQUIRED TO RESPOND AND MAKE EMERGENCY REPAIRS ON BEHALF OF THE CONTRACTOR/DEVELOPER, THE CONTRACTOR/DEVELOPER IS RESPONSIBLE TO REIMBURSE THE CITY FOR ALL COSTS INCURRED.
- IT SHALL BE THE RESPONSIBILITY OF THE PERMITTEE TO ARRANGE FOR THE RELOCATION AND RELOCATION COSTS OF ALL UTILITIES, AND SUBMIT A UTILITY RELOCATION SCHEDULE PRIOR TO THE ISSUANCE OF AN ENGINEERING CONSTRUCTION PERMIT.
- ALL UNDERGROUND TANKS REQUIRE A PERMIT FROM THE FIRE DEPARTMENT PRIOR TO REMOVAL.
- THE PROCEDURES AND METHODS USED TO SAMPLE, TEST MATERIALS, AND REPORT TEST RESULTS WILL BE DETERMINED BY THE ENGINEERING DEPARTMENT. FOR ALL PHASES OF CONSTRUCTION, THE TYPE, SCHEDULING, FREQUENCY AND LOCATION OF ALL MATERIALS TESTING AND SAMPLING SHALL BE DETERMINED BY THE ENGINEERING DEPARTMENT. ALL TEST RESULTS SHALL BE REPORTED DIRECTLY (IN WRITING) TO THE ENGINEERING DEPARTMENT. FOR EACH PHASE OF CONSTRUCTION, TEST RESULTS (IN WRITING) MUST BE RECEIVED FROM THE TESTING LABORATORY, PRIOR TO START OF THE NEXT PHASE OF CONSTRUCTION.
- THE CONTRACTOR/DEVELOPER MUST GIVE A LOCATION FOR WASTING EXCESS EXCAVATION AND A LETTER FROM THE OWNER GIVING PERMISSION FOR DUMPING PRIOR TO STARTING ON-SITE CONSTRUCTION
- IT IS THE CONTRACTOR/DEVELOPER'S SOLE RESPONSIBILITY TO VERIFY THE PRESENCE AND LOCATION OF ALL EXISTING OVERHEAD AND/OR UNDERGROUND UTILITIES THAT MAY INTERFERE WITH THIS CONSTRUCTION, WHETHER OR NOT SAID UTILITIES ARE SHOWN ON THE CONSTRUCTION PLANS FOR THIS PROJECT AND TO ADEQUATELY PROTECT AND MAINTAIN ANY SUCH UTILITIES.
- THE DEVELOPMENT & ENGINEERING DEPARTMENT DOES NOT ASSUME ANY LIABILITY FOR ERRORS OF LINE AND/OR GRADE ON ANY STAKING WHICH HAS BEEN DISTURBED IN ANY WAY, NOR DOES THE DESIGN ENGINEER ASSUME ANY LIABILITY FOR ERRORS OF LINE AND/OR GRADE ON ANY STAKING THAT HAS BEEN IN PLACE FOR A PERIOD OF 24-HOURS OR MORE WITHOUT THE COMMENCEMENT OF THE CONSTRUCTION FOR WHICH IT WAS SET.
- THE CONTRACTOR/DEVELOPER SHALL CONTACT BLUE STAKE (602) 263-1100 PRIOR TO CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CURRENT BLUE STAKE MARKINGS THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR/DEVELOPER SHALL OBTAIN A FIRE HYDRANT METER FOR CONSTRUCTION FROM THE MANAGEMENT SERVICES DEPARTMENT, CUSTOMER SERVICES, CONTACT CUSTOMER SERVICE AT (623) 773-7160 TO SCHEDULE THE RELOCATION OF HYDRANT METERS. CONTRACTORS SHALL NOT RELOCATE HYDRANT METERS THEMSELVES.
- ALL CONTRACTORS/DEVELOPERS ARE RESPONSIBLE TO CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES IN ORDER TO REDUCE OR ELIMINATE THE TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAYS OR STREETS. GRAVEL TRACK-OUT PADS SHALL MEET CURRENT MARICOPA COUNTY STANDARDS.

**GENERAL NOTES – CONTINUED**

- ALL DRAINAGE PROTECTIVE DEVICES SUCH AS SWALES, INTERCEPTION DITCHES, PIPES PROTECTIVE BERMS, CONCRETE CHANNELS OR OTHER MEASURES DESIGNED TO PROTECT IMPROVEMENTS, WHETHER EXISTING OR PROPOSED, FROM RUNOFF OR DAMAGE FROM STORM WATER, MUST BE CONSTRUCTED PRIOR TO THE CONSTRUCTION OF ANY IMPROVEMENTS.
- TRAFFIC CONTROL SHALL CONFORM TO THE CITY OF PHOENIX TRAFFIC BARRICADE MANUAL, MUTCD, AND THE CITY OF PEORIA ENGINEERING STANDARDS MANUAL.
- ANY AND ALL OBSTRUCTIONS WITHIN THE RIGHTS-OF-WAY AND EASEMENTS SHALL BE REMOVED BEFORE ANY CONSTRUCTION IS COMMENCED.
- ALL CONTRACTORS/DEVELOPERS ARE RESPONSIBLE TO OBTAIN A NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS, INCLUDING NOTICE OF INTENT (NOI), NOTICE OF TERMINATION, AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP). A COPY OF THE NOI AND SWPPP SHALL BE AVAILABLE ON THE JOB SITE AT ALL TIMES. ALL SWPPP PLANS MUST INCLUDE THE NOI TRACKING NUMBER ADMINISTERED BY ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY (ADEQ) ON THE BOTTOM RIGHT HAND CORNER OF THE SHEET.
- ALL CONTRACTORS/DEVELOPERS ARE RESPONSIBLE TO OBTAIN THE NECESSARY 401 AND 404 PERMITS. A COPY OF THE PERMIT SHALL BE SUBMITTED TO THE CITY PRIOR TO APPROVAL OF THE GRADING AND DRAINAGE PLANS.
- CONTRACTOR/DEVELOPER SHALL OBTAIN ANY AND ALL PERMITS AS REQUIRED BY OTHER AGENCIES WHICH HAVE JURISDICTION AT THE CONTRACTOR/DEVELOPER'S EXPENSE. THE CONTRACTOR/DEVELOPER SHALL MEET THE REQUIREMENTS OF THESE PERMITS AS SET FORTH THEREIN.
- THE CONTRACTOR/DEVELOPER IS SOLELY RESPONSIBLE FOR ALL JOB SITE SAFETY, INCLUDING BUT NOT LIMITED TO MEETING ALL REQUIREMENTS OF OSHA AND ADOHS. THE CITY OF PEORIA ENGINEERING INSPECTOR IS NOT AUTHORIZED TO ADVISE OR DIRECT THE CONTRACTOR/DEVELOPER REGARDING MATTERS OF JOB SITE SAFETY. SHOULD THE CONTRACTOR/DEVELOPER ACT ON SUCH ADVICE OR DIRECTION, IT IS AT THE RISK OF THE CONTRACTOR/DEVELOPER.
- PER THE MARICOPA COUNTY AIR POLLUTION CONTROL RULES AND REGULATIONS ON EARTH MOVING EQUIPMENT PERMITS, NO PERSON SHALL CAUSE OR PERMIT THE USE OF ANY POWER OF MECHANICAL EQUIPMENT FOR COMMERCIAL PURPOSES TO CLEAR, EXCAVATE OR LEVEL LAND, INCLUDING BUT NOT LIMITED TO BLASTING, DEMOLITION, ROAD AND STREET CONSTRUCTION, SWIMMING POOL EXCAVATING, TRENCHING, VEGETATION REMOVAL, OR ENGAGE IN ANY OTHER EARTH MOVING ACTIVITIES WITHOUT FIRST OBTAINING A PERMIT FROM THE MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT. THE PROPERTY OWNER, LESSEE, DEVELOPER, OR PRIME CONTRACTOR WILL BE RESPONSIBLE FOR ACQUIRING THE PERMIT.  
  
IF THE ABOVE REFERENCED DEVELOPMENT HAS WORK THAT NEEDS TO BE DONE IN THE MARICOPA COUNTY RIGHT-OF-WAY, PLEASE OBTAIN ALL PERMITS FROM THE MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION. THE ENGINEERING CONSTRUCTION PERMITS ISSUED BY THE CITY OF PEORIA DO NOT COVER THE MARICOPA COUNTY RIGHT-OF-WAY.

**GRADING AND DRAINAGE**

- THE GRADING AND DRAINAGE PLANS MUST BE APPROVED BY THE DEVELOPMENT & ENGINEERING DIRECTOR. THE ENGINEERING INSPECTIONS OFFICE SHALL BE NOTIFIED AT (623) 773-8445, 48 HOURS BEFORE ANY ON-SITE CONSTRUCTION BEGINS.
- A SEPARATE PERMIT IS REQUIRED PRIOR TO ANY ON-SITE GRADING, INCLUDING CUSTOM HOMES.
- GRADING AND DRAINAGE PLAN APPROVAL INCLUDES:
  - CONSTRUCTION OF ALL SURFACE IMPROVEMENTS SHOWN ON THE APPROVED GRADING AND DRAINAGE PLAN, INCLUDING BUT NOT LIMITED TO, RETENTION AREAS AND/OR OTHER DRAINAGE FACILITIES, DRAINAGE PATTERNS, CHANNELS, WALLS, CURBING, ASPHALT PAVEMENT, BANK PROTECTION AND CHANNELIZATION, AND BUILDING FLOOR ELEVATIONS.
  - CONTRACTOR SHALL PROVIDE MINIMUM SLOPE TO THE BOTTOM IN ALL RETENTION BASINS AT ELEVATIONS AS SHOWN ON THE PLANS. RETENTION BASIN SIDE SLOPES SHALL NOT EXCEED 3:1 (UNDER SPECIAL CIRCUMSTANCES - REFER TO SECTION 4.7.3 OF THE ENGINEERING STANDARDS MANUAL), AS CONFIRMED THROUGH THE GEOTECHNICAL REPORT, ON PRIVATE PROPERTY AND 6:1 ADJACENT TO PUBLIC RIGHT-OF-WAY UNLESS NOTED OTHERWISE ON PLANS.
- ALL DRAINAGE PROTECTIVE DEVICES SUCH AS SWALES, INTERCEPTOR DITCHES, PIPES, PROTECTIVE BERMS, CONCRETE CHANNELS, OR OTHER MEASURES DESIGNED TO PROTECT HOMES OR OTHER IMPROVEMENTS WHETHER EXISTING OR PROPOSED, FROM RUNOFF OR DAMAGE FROM STORM WATER, MUST BE CONSTRUCTED PRIOR TO THE CONSTRUCTION OF ANY IMPROVEMENTS.
- DRYWELLS MUST BE DRILLED A MINIMUM OF 10- FEET INTO PERMEABLE POROUS STRATA AND PERCOLATION TESTS WILL BE REQUIRED. THE ENGINEERING INSPECTOR MUST BE PRESENT BEFORE BACKFILL OR WALL PIPES ARE PLACED WITHIN ANY DRYWELL. PERCOLATION TESTS MUST BE CONDUCTED BY AN INDEPENDENT LABORATORY AND RESULTS PROVIDED TO THE DEVELOPMENT & ENGINEERING DEPARTMENT. ALL DRYWELLS MUST BE REGISTERED WITH ADEQ. COPIES OF DRILLING LOGS AND ADEQ REGISTRATION INFORMATION MUST BE PROVIDED TO THE CITY.
- ALL FINISH FLOOR ELEVATIONS SHOWN ARE A MINIMUM OF 14-INCHES ABOVE THE POINT OF OUTFALL, OR 1-FOOT ABOVE THE 100-YEAR BASE FLOOD ELEVATION AS SHOWN ON THE APPROVED PLAN.
- A FEMA ELEVATION CERTIFICATE FOR ALL NEW AND SUBSTANTIALLY IMPROVED CONSTRUCTION IN THE FLOODPLAIN SHALL BE SUBMITTED TO THE DEVELOPMENT & ENGINEERING DEPARTMENT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
- SOILS COMPACTION TEST RESULTS MUST BE SUBMITTED TO THE DEVELOPMENT & ENGINEERING DEPARTMENT FOR ALL BUILDING PADS THAT HAVE 1-FOOT OR MORE OF FILL MATERIAL INDICATED.
- STAKING PAD AND/OR FINISH FLOOR ELEVATIONS IS THE RESPONSIBILITY OF THE DEVELOPER AND HIS ENGINEER. NO MINIMUM FINISH FLOOR ELEVATION WILL BE RAISED OR LOWERED WITHOUT APPROVAL OF THE DEVELOPMENT & ENGINEERING DIRECTOR. IN NONCRITICAL AREAS, DEVELOPER'S ENGINEER SHALL SUBMIT CERTIFICATION OF CONSTRUCTED BUILDING PAD ELEVATIONS PRIOR TO REQUEST FOR FINAL INSPECTION. IN CRITICAL DRAINAGE AREAS OR IN THE 100-YEAR FLOODPLAIN, SUBSTITUTE BUILDING FLOOR ELEVATION IN ABOVE NOTE, OR FEMA ELEVATION CERTIFICATE.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND CONFIRMING THE DEPTH OF ALL EXISTING UTILITY LINES WITHIN PROPOSED RETENTION AND DRAINAGE FACILITY AREAS. IF THE DRAINAGE FACILITIES CANNOT BE CONSTRUCTED PER PLAN AS A RESULT OF CONFLICT WITH UNDERGROUND UTILITIES, THE CONTRACTOR SHOULD CONTACT THE DEVELOPMENT & ENGINEERING DIRECTOR AND THE DESIGN ENGINEER AND REQUEST MODIFICATION OF THE DRAINAGE FACILITY DESIGN.
- ALL BANK PROTECTION AND CHANNELIZATION MUST BE COMPLETED PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
- A SEPARATE HAUL PERMIT SHALL BE REQUIRED WHENEVER HAULING IN EXCESS OF 100 CUBIC YARDS OF MATERIAL IN OR OUT OF A SITE. A HAUL ROUTE MUST BE SUBMITTED AND APPROVED BY THE DEVELOPMENT & ENGINEERING DEPARTMENT. ADDITIONAL REQUIREMENTS AS SET FORTH BY THE DEVELOPMENT & ENGINEERING DEPARTMENT SHALL BE MET.
- THE DEVELOPER IS RESPONSIBLE TO OBTAIN A NATION POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS, INCLUDING NOTICE OF INTENT (NOI), NOTICE OF TERMINATION (NOT), AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP). A COPY OF THE NOI AND SWPPP SHALL BE AVAILABLE ON THE JOB SITE AT ALL TIMES. ALL SWPPP MUST INCLUDE THE NOI TRACKING NUMBER ASSIGNED BY ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY (ADEQ).
- ONCE AN EXISTING SHOULDER IS DISTURBED BY THE GRADING OPERATION OR ANY OTHER PHASE OF CONSTRUCTION, THE SHOULDER SHALL BE BARRICADED. SUCH BARRICADING SHALL REMAIN IN PLACE UNTIL FINAL ACCEPTANCE OF THE PROJECT.
- A SEPARATE STOCKPILE PERMIT SHALL BE REQUESTED IF STORING MATERIAL FOR FUTURE USE. ADDITIONAL REQUIREMENTS AS SET FORTH BY THE DEVELOPMENT & ENGINEERING DEPARTMENT SHALL BE MET.



NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	05/26	<b>CITY OF PEORIA</b> <b>ENGINEERING DEPARTMENT</b>  <b>GENERAL NOTES AND LEGEND</b>	PRELIMINARY  <b>90%</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	TG	05/26		
CHECKED	DPF	05/26		
		DRAWING NO. LOCATION <b>JOMAX RD - DYSART RD TO 126TH DR</b>		SHEET 2 OF 83

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Don Fromm  
5/7/2026 1:42:26 PM  
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**PAVING**

- EXACT POINT OF PAVEMENT MATCHING, TERMINATION AND/OR OVERLAY, IF NECESSARY, SHALL BE DETERMINED IN THE FIELD BY THE ENGINEERING INSPECTIONS DIVISION.
- ALL FRAMES, COVERS, VALVE BOXES AND MANHOLES SHALL BE ADJUSTED TO FINISHED GRADE UPON COMPLETION OF PAVING OR RELATED CONSTRUCTION. THE CONCRETE COLLAR SHALL BE ADJUSTED LEVEL WITH EXISTING BITUMINOUS PAVEMENT. ADJUSTMENT OF EXISTING TYPE "A" OR TYPE "B" WATER VALVE BOXES IN RIGHT-OF-WAY SHALL BE CONSIDERED INCIDENTAL.
- ALL CONTRACTORS/DEVELOPERS SHALL COMPLY WITH THE CITY OF PEORIA DETAIL PE-211 FOR TRENCH PLATING.
- PAVING SHALL NOT START UNTIL ALL APPROPRIATE TESTING HAS BEEN COMPLETED AND ACCEPTED (PRESSURE TESTING OF UTILITIES, DENSITY TESTING, VIDEOING OF SEWER LINE, ETC.). SERVICE STUBS TO ALL PLATTED LOTS SHALL BE EXTENDED, AND ALL CONFLICTING UTILITY CONSTRUCTION COMPLETED PRIOR TO START OF PAVING.
- TREES AND SHRUBBERY IN THE RIGHT-OF-WAY, WHICH CONFLICT WITH THE IMPROVEMENTS PROPOSED HEREIN, ARE NOT TO BE REMOVED OR RELOCATED WITHOUT PRIOR APPROVAL OF THE CITY OF PEORIA. THE PERMITTEE SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY AUTHORIZATION TO REMOVE AND/OR RELOCATE SAID TREES OR SHRUBBERY.
- IN ALL AREAS WHERE NEW CONSTRUCTION OF CURB, GUTTER, SIDEWALKS, AND DRIVEWAYS IS REQUIRED, AND THE ENGINEER DETERMINES THE EXISTING GRADE TO CONSIST OF SOILS WITH SWELLING CHARACTERISTICS, THE MOISTURE CONTENT SHALL BE BROUGHT AS CLOSE AS POSSIBLE TO OPTIMUM REQUIRED FOR COMPACTION BY THE ADDITION OF WATER, BLENDING OF DRY SUITABLE MATERIAL OR BY DRYING OF EXISTING MATERIAL. THE MATERIAL SHALL THEN BE COMPACTED TO MAG SPECIFICATIONS.
- CONSTRUCTION LOADS: DURING CONSTRUCTION OPERATIONS, HEAVY EQUIPMENT MAY CROSS EXISTING OR PROPOSED PIPE. IN THIS CASE, AN EARTH FILL SHOULD BE CONSTRUCTED TO AT LEAST THREE FEET ABOVE PIPE. THE FILL MUST BE SUFFICIENT TO PREVENT THE LATERAL DISPLACEMENT OF THE PIPE.
- UNLESS OTHERWISE SPECIFIED, THE MIX DESIGN FOR ALL ASPHALTIC CONCRETE SHALL BE THE CITY OF PHOENIX STANDARD C-3/4 INCH MIX. COPIES OF THE PRODUCT CODE ARE AVAILABLE THROUGH THE CITY OF PEORIA DEVELOPMENT AND ENGINEERING DEPARTMENT.
- ALL STREET IMPROVEMENTS FOR CUSTOM HOMES MUST BE COMPLETED IN ACCORDANCE WITH THE CITY OF PEORIA POLICY ON UNPAVED ROADS. ALL PRIVATE ACCESS MUST BE CONSTRUCTED WITH AN ACCEPTABLE DUST PALLIATIVE.
- ALL CONTRACTORS/DEVELOPERS ARE RESPONSIBLE TO CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES IN ORDER TO REDUCE OR ELIMINATE THE TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAYS OR STREETS. GRAVEL TRACK-OUT PADS SHALL MEET CURRENT MARICOPA COUNTY STANDARDS. THE CONTRACTOR/DEVELOPER SHALL IMMEDIATELY REMOVE ANY SEDIMENT TRACKED ONTO PUBLIC RIGHTS-OF-WAYS OR STREETS.
- IF ANY EXISTING BARRICADES, TRAFFIC SIGNS OR STREET NAME SIGNS NEED TO BE REMOVED DURING CONSTRUCTION, NOTIFY THE CITY OF PEORIA PUBLIC WORKS STREETS DIVISION AT (623) 773-7432. A MINIMUM OF 48-HOURS NOTICE IS NEEDED FOR REMOVALS. IF SIGNS AND BARRICADES BELONG TO ANOTHER AGENCY, IT IS THE RESPONSIBILITY OF THE CONTRACTOR/DEVELOPER TO NOTIFY THEM.
- NO WATER SUPPLY HOSE OR RAMPS SHALL BE PLACED ACROSS OR IN THE ARTERIAL OR COLLECTOR STREETS. APPROVAL IN WRITING FROM THE ENGINEERING DIRECTOR OR THEIR DESIGNEE IS REQUIRED FOR PLACEMENT OF THE SUPPLY HOSE OR RAMPS IN LOCAL STREETS. APPLICATIONS SHALL INCLUDE SUBMITTALS OF THE MANUFACTURER'S SPECIFICATIONS, MATERIALS USED, DIMENSIONS OF THE RAMP, PROPOSED LOCATION, PROPOSED BARRICADING AND SIGNAGE.
- ALL NEW CURB SHALL BE IMPRINTED WITH THE WORDS "PRIVATE STREET - NO CITY MAINTENANCE" IN 2-INCH HIGH LETTERS AT EVERY CURB RETURN AND AT EVERY ENTRANCE INTO A NEW PRIVATE PROPERTY SUBDIVISION.

**LEGEND AND SYMBOLS**

— U <sub>5</sub> —	EXISTING UNDERGROUND ELECTRIC
— 12"W —	EXISTING WATER
— 8"SS —	EXISTING SEWER
— 16"IG —	EXISTING GAS
— T —	EXISTING TELEPHONE
— CTV —	EXISTING CABLE TV
— FO —	EXISTING FIBER OPTIC
— SD <sub>1</sub> —	EXISTING STORM DRAIN
⊕	PROPOSED FIRE HYDRANT
⊗	PROPOSED WATER VALVE
⊙	PROPOSED SEWER MANHOLE
⊗	EXISTING WATER VALVE
⊙	EXISTING SEWER MANHOLE
1002	EXISTING CONTOURS
⊕	EXISTING FIRE HYDRANT
⊙	SURVEY MONUMENT
⊗	PROPOSED STREET SIGN BASE
⊕	EXISTING ELECTRICAL BOX
⊙	EXISTING IRRIGATION VALVE
⊗	EXISTING STORM DRAIN MANHOLE
⊙	UNIFORM
▬	STORM DRAIN
▬	SIDEWALK
FL=	FLOW LINE ELEVATION
VG=	VALLEY GUTTER ELEVATION
▬	EX CONCRETE
▬	PROPOSED CONCRETE
▬	GEOGRID
▬	MEDIAN PAVERS
▬	PAVEMENT PRESERVATIVE SEAL
▬	NEW PAVEMENT
▬	EXISTING RIP RAP
▬	PROPOSED RIP RAP
▬	REUSE EXISTING RIP RAP
▬	REMOVE AND SALVAGE EXISTING RIP RAP
▬	EXISTING GUARDRAIL
▬	DAYLIGHT CUT LINE
▬	DAYLIGHT FILL LINE
▬	RIGHT OF WAY
▬	CENTER LINE
▬	EASEMENT
▬	FLOW LINE
▬	HANDRAIL
▬	CENTERLINE STATIONING
P=	PAVEMENT ELEVATION
▬	CENTERLINE STATIONING
TC=	TOP OF CURB ELEVATION
G=	GUTTER ELEVATION

**ABBREVIATIONS**

AB	AGGREGATE BASE	INT	INTERSECTION
ABT	ABUTMENT	INV=	INVERT ELEVATION
AC	ASPHALT CONCRETE	LT	LEFT
APN	ASSESSORS PARCEL NUMBER	L	LENGTH
APPR	APPROXIMATE	L1	LINE DATA
BF	BACK FACE	LB	POUNDS
BIT	BITUMINOUS	LF	LINEAR FOOT
BJF	BITUMINOUS JOINT FILLER	L/G	LIP OF GUTTER
BW, BKWL	BACK WALL	LN	LANE
BP	BEGIN POINT	MIN	MINIMUM
BRG	BRIDGE	M.R.	MOVEMENT RANGE
BTM	BOTTOM	MUE	MULTI-USE EASEMENT
C1	BACK OF CURB CURB DATA	NO.	NUMBER
CL	CENTER LINE	NTS	NOT TO SCALE
C&G	CURB AND GUTTER	OPT	OPTIONAL
CLR	CLEAR	PC	POINT OF CURVATURE
COP	CITY OF PEORIA	PCC	POINT OF COMPOUND CURVATURE
CONC	CONCRETE	PH	PHASE, POTHOLE
CONST, CONSTR, CST	CONSTRUCTION	PI	POINT OF INTERSECTION
CONT	CONTINUOUS	PL	PLATE
CTV	CABLE TELEVISION	PRC	POINT OF REVERSE CURVATURE
CY	CUBIC YARD	PSI	POUNDS PER SQUARE INCH
DG	DECOMPOSED GRANITE	PT	POINT OF TANGENCY
DET, DTL	DETAIL	PVI	POINT OF VERTICAL INTERSECTION
DWG	DRAWING	R	RADIUS
DUC	DRY UTILITY CORRIDOR	RCBC	REINFORCE CONCRETE BOX CULVERT
EA	EACH	RDWY	ROADWAY
E/B, EB	EASTBOUND	REINF	REINFORCE
E.F.	EACH FACE	RGRCP	RUBBER GASKET REINFORCED CONCRETE PIPE
ESMT	EASEMENT	RT	RIGHT
ELECT	ELECTRIC	R/W	RIGHT-OF-WAY
ELEV	ELEVATION	SEC	SECTION
EP	EDGE OF PAVEMENT, END POINT	SF	SQUARE FEET
EQ SPA	EQUAL SPACING	SPA	SPACING
EXP	EXPANSION	STA	STATION
EX, EXIST., EXST.	EXISTING	STD	STANDARD
FFB	FIRST FLUSH BASIN	SWLK, S/W	SIDEWALK
F/C	FACE OF CURB	SY	SQUARE YARD
FG	FINISHED GRADE	TC, TOC	TOP OF CURB
FL	FLOW LINE	TCE, T.C.E.	TEMPORARY CONSTRUCTION EASEMENT
FO	FIBER OPTIC	TG	TOP OF GRATE
G	GUTTER	TYP	TYPICAL
GB	GRADE BREAK	VAR	VARIES
G.C.	GENERAL CONTRACTOR	VERT, V	VERTICAL
HORIZ, H	HEIGHT, HORIZONTAL	W/B, WB	WESTBOUND

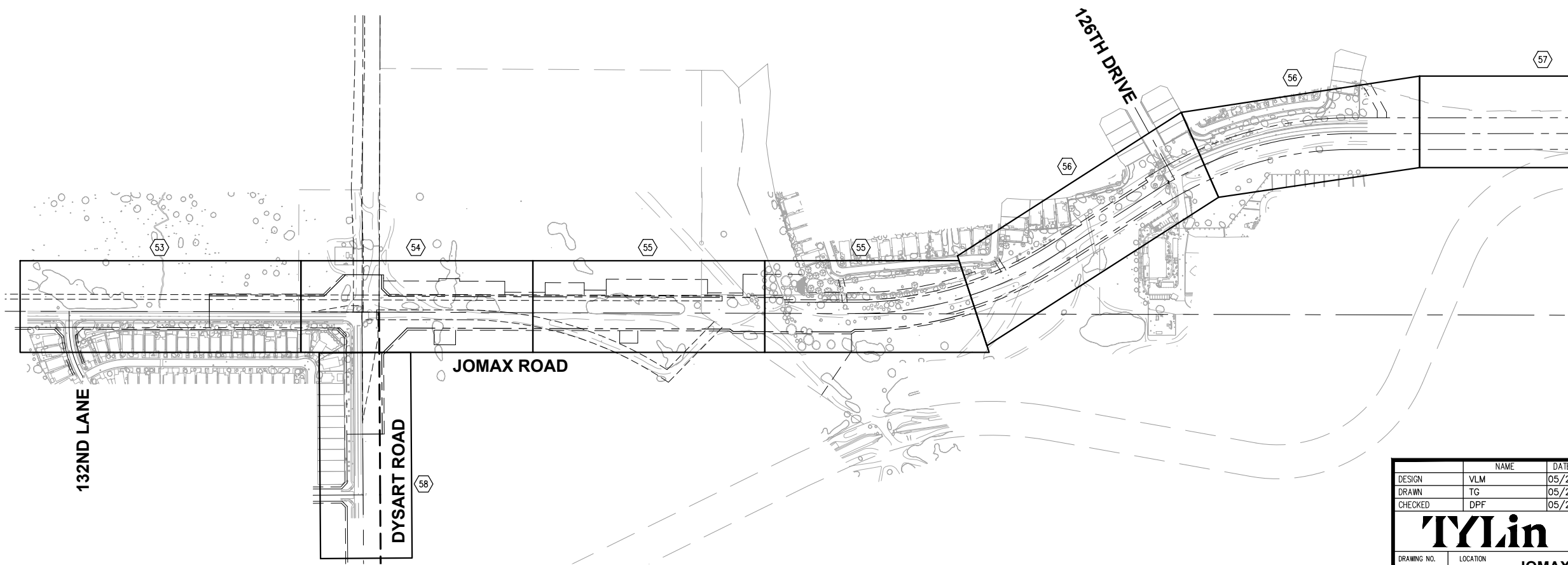
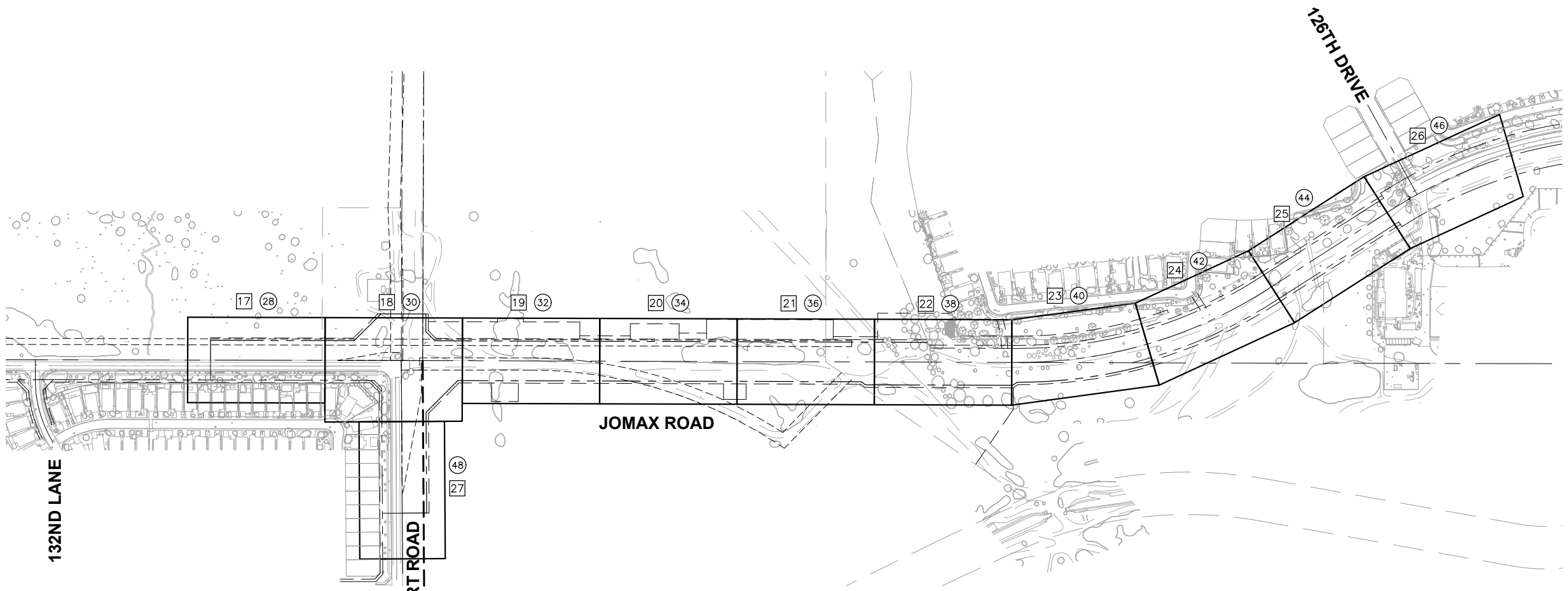


NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	05/26	<b>CITY OF PEORIA</b> <b>ENGINEERING DEPARTMENT</b>  <b>GENERAL NOTES AND LEGEND</b>	<b>PRELIMINARY</b>  <b>90%</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	TG	05/26		
CHECKED	DPF	05/26		
		<b>JOMAX RD - DYSART RD TO 126TH DR</b>		SHEET 3 OF 83

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



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 Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
 In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
**ENGINEERING DEPARTMENT**

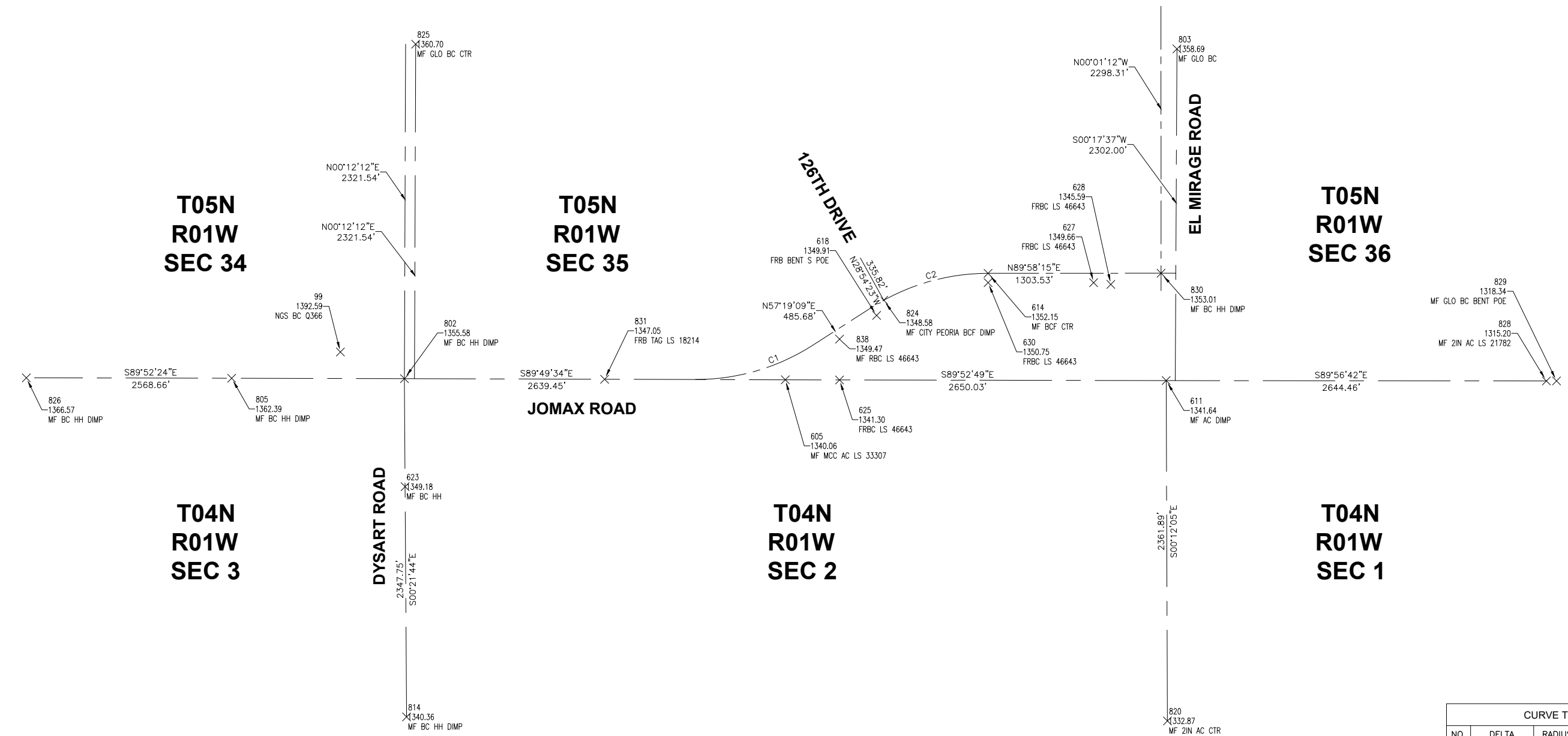
**KEY MAP**

**PRELIMINARY**  
**90%**  
 NOT FOR CONSTRUCTION OR RECORDING

**TyLin**

DRAWING NO. KMO1 LOCATION **JOMAX RD - DYSART RD TO 126TH DR** SHEET 4 OF 83

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CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C1	N73°44'47\"E	1500.00'	860.13'	442.25'
C2	N73°38'42\"E	1500.00'	854.82'	439.37'

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
99	991733.874	569966.997	1392.592	NGS BC Q366
802	991548.992	570411.697	1355.585	MF BC HH DIMP
803	993837.356	575775.844	1358.690	MF GLO BC
804	991513.868	583622.446	1294.412	MF GLO BC
805	991551.608	569212.175	1362.390	MF BC HH DIMP
810	991557.410	565146.403	1374.745	MF ACF DIMP LS 19820
811	991557.272	565203.992	1374.141	MF ACF DIMP LS 19820
812	991524.666	549954.314	1423.767	MF ROD HH
813	993890.058	565211.377	1394.034	MF GLO BC
814	989201.295	570426.538	1340.361	MF BC HH DIMP
815	990707.673	596992.224	1472.859	MF 3IN AC DIMP
819	991524.522	580981.317	1327.646	MF 2IN AC DIMP
820	989173.571	575709.465	1332.871	MF 2IN AC CTR
825	993870.306	570489.988	1360.704	MF GLO BC CTR
826	991554.731	567786.584	1366.568	MF BC HH DIMP
827	989226.929	565172.687	1357.966	MF MCC BC HH DIMP

**NOTES**

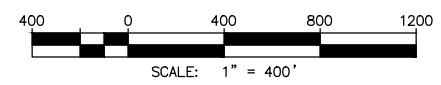
- THE HORIZONTAL & VERTICAL DATUM FOR THIS SURVEY IS BASED ON REAL TIME KINEMATIC (RTK) OBSERVATIONS OF EXISTING MONUMENTS, PUBLISHED BY THE CITY OF PEORIA, WEBSITE "HTTPS://PEORIAAZGIS.MAPS.ARCGIS.COM", AS OF FEBRUARY 2025.
- PROJECTION: ARIZONA CENTRAL ZONE (0202), NAD83  
 UNITS: INTERNATIONAL FEET  
 GEOID MODEL: GEOID18  
 HORIZONTAL ADJUSTMENT: NONE  
 HORIZONTAL ROTATION: NONE  
 CONTROL POINT #99  
 LATITUDE: N33°43'31.44215"  
 LONGITUDE: W112°20'39.65080"  
 ELLIPSOID HEIGHT: 1294.844 FT  
 ELEVATION: 1392.592 FT  
 DESCRIPTION: NGS MONUMENT "Q366"
- COORDINATES FOR THIS PROJECT HAVE BEEN MODIFIED TO GROUND, AT AN ORIGIN POINT OF NORTHING: 991,733.874, EASTING: 569,966.997, KNOWN AS NGS MONUMENT "Q366", UTILIZING A SCALE FACTOR OF 1.0001426107.

**VERTICAL BENCHMARK**

- NAV888 POINT 4LC1, 3" ALUM CAP W/DIMPLE
- CITY OF PEORIA CONTROL (GRID)  
 NORTHING: 991,524.69  
 EASTING: 549,957.16  
 ELEVATION: 1423.77
  - CITY OF PEORIA CONTROL (GROUND)  
 NORTHING: 991,524.58  
 EASTING: 549,954.37  
 ELEVATION: 1423.77
  - AS-SURVEYED BY COOPER AERIAL SURVEYS (GROUND)  
 NORTHING: 991,524.67  
 EASTING: 549,954.31  
 ELEVATION: 1423.77

**SURVEYOR**

COOPER AERIAL SURVEYS CO.  
 11402 N. CAVE CREEK ROAD  
 PHOENIX, AZ 85020  
 PH (602) 678-5111  
 FX (602) 678-5228



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

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 In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

	DESIGN	VLM	05/26	<b>CITY OF PEORIA</b> <b>ENGINEERING DEPARTMENT</b>  <b>GEOMETRIC CONTROL</b>	<b>PRELIMINARY</b>  <b>90%</b>  NOT FOR CONSTRUCTION OR RECORDING
	DRAWN	TG	05/26		
	CHECKED	DPF	05/26		
DRAWING NO.	LOCATION			<b>JOMAX RD - DYSART RD TO 126TH DR</b>	
GCO1				SHEET 5 OF 83	

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### Sheet Number and Paving Quantities - Jomax Rd

Item No.	Description	Unit	28	30	32	34	36	38	40	42	44	46	48	TOTAL
9	SUBGRADE PREPARATION	SY	637	3,323	1,848	1,451	1,450	1,450	1,426	1,426	1,450	300	1,040	15,804
10	AGGREGATE BASE COURSE, 4" THICK	CY		43										43
11	AGGREGATE BASE COURSE, 12" THICK	CY	212	851	616	484	483	483	475	475	483	100	347	5,011
12	ASPHALT CONCRETE PAVEMENT (MARSHALL 1/2" MIX), 2" THICK	Ton	71	285	207	162	162	162	159	159	162	34	116	1,680
13	ASPHALT CONCRETE PAVEMENT (MARSHALL 3/4" MIX), 3" THICK	Ton	107	428	310	243	243	243	239	239	243	50	174	2,520
14	BITUMINOUS TACK COAT SS-1H, DILUTED	Ton	0.2	1.3	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.1	0.4	6.3
15	VERTICAL CURB & GUTTER, MAG DET. 220, TYPE A, H = 6"	LF	260	1,058	845	870	900	819	885	885	900	227	184	7,834
16	ROLL CURB & GUTTER, MAG DET. 220, TYPE D	LF		1,177	193			60					50	1,480
17	SINGLE CURB, MAG DET 222, TYPE A	LF	28	394	71								22	515
18	SINGLE CURB, MAG DET 222, TYPE B	LF			116	40	36							192
19	ROLL CURB & GUTTER, MAG DET. 220, TYPE C, H=4"	LF		31	20	20								71
20	CONCRETE SIDEWALK, MAG DET 230, WIDTH PER PLANS	SF	51	5,866	3,960	3,517	3,226	3,354	3,359	3,475	3,472	702	48	31,029
21	ASPHALT PAVEMENT EDGE, MAG DET 201, TYPE A	LF	144	38									256	438
22	INSTALL SURVEY MONUMENT, PER MAG DET. 120-1, TYPE 'A'	EA		1										1
23	INSTALL SURVEY MONUMENT, PER MAG DET. 120-1, TYPE 'B'	EA							1	1				2
24	DECOMPOSED GRANITE - 1/2" - (2" THICK)	SF	669	5,894									1,598	8,162
25	DECOMPOSED GRANITE - 3/4" - (2" THICK)	SF	7,097	37,644	32,624	20,484	25,195	8,453	11,539	7,184	7,701	1,102	2,092	161,114
26	CONSTRUCT GRAVEL MULCH - (3" THICK)	SF		636	1,089			627						2,352
27	ADJUST MANHOLE FRAME & COVER TO FINISH GRADE PER CITY OF PEORIA DET 422	EA		2	1			1						4
28	ADJUST WATER VALVE & COVER TO GRADE PER CITY OF PEORIA DET PE-270 & MAG DET 391-1	EA		2		1	2	7	2	2	1			17
29	ADJUST FIRE HYDRANT TO GRADE	EA						2	1	1	1			5
30	CURB TRANSITION, MAG DET 221, TYPE A TO TYPE C	LF		10	10	10	5	15						50
31	CURB TERMINATION PER MAG STD DET 222	LF	2.5											2.5
32	4" THICK CLASS 'B' CONCRETE MEDIAN	SF		2,637	155								133	2,925
33	9" THICK CLASS 'A' CONCRETE	SF		3,487				538						4,025
34	RAISED CROSSWALK	SF		3,444										3,444
35	PERPENDICULAR CURB RAMP, MAG STD DET 238-1	SF										182		182
36	DETECTABLE WARNING SURFACE, MAG STD DET 234	SF	17	223	30							10	17	297
38	FENCE GATE, TYPE 2, SINGLE GATE (16' WIDTH), PER ADOT STD DWG C-12.10	EA						1						1
39	FENCE GATE, TYPE 2, SINGLE GATE (20' WIDTH), PER ADOT STD DWG C-12.10	EA						1						1
65	CONSTRUCT CONCRETE SCUPPER PER MAG STD DET 206, 1-4' CURB OPENING	EA		2										2
66	CONSTRUCT CONCRETE SCUPPER PER MAG STD DET 206, 2-4' CURB OPENING	EA		1		1			1		1			4
67	CONSTRUCT CONCRETE SCUPPER PER MAG STD DET 206, 3-4' CURB OPENING	EA			1									1
68	CONSTRUCT CONCRETE SCUPPER PER MAG STD DET 206, 4-4' CURB OPENING	EA					1							1
69	CONCRETE SCUPPER SPILLWAY, MAG DET 206	SF		426	91	60	123		64		60			824
70	FURNISH & INSTALL DUMPED RIPRAP D50=6", BED THICKNESS SHOWN ON PLANS	CY		46	243	141	65	379	12		7			893
71	FURNISH & INSTALL DUMPED RIPRAP D50=12", BED THICKNESS SHOWN ON PLANS	CY						1,617						1,617
72	CATCH BASIN PER MAG STD DET 542-2, TYPE I, L=0'	EA										1		1
73	CATCH BASIN PER MAG STD DET 542-2, TYPE I, L=10'	EA		1										1
74	MODIFIED HEADWALL, MAG STD. DET. 501-1 & 501-2	EA			2	2								4
75	SAFETY RAIL, MAG STD. DET. 145	LF			90	71		235						396
76	INSTALL STORM DRAIN INLET MARKER, PER COP DET PE-559-1 & PE-559-2	EA		4	1	1	1		1		1	1		10
77	INSTALL BRIDGE CULVERT STRUCTURE ID MARKER, PER COP DET PE-280-1 & 280-2	EA						2						2
78	FURNISH & INSTALL 18" RGRCP, CLASS III	LF		258								54		312
79	FURNISH & INSTALL 30" RGRCP, CLASS III	LF				363								363
80	FURNISH & INSTALL 36" RGRCP, CLASS III	LF			528									528
81	FURNISH & INSTALL 19" x 30" HERGRCP, CLASS HE-IV	LF		33										33
82	FURNISH & INSTALL REINFORCED CONCRETE PIPE END SECTION PER MAD STD DET 545	EA		1								1		2
83	DRYWELL (MAXWELL PLUS OR CITY APPROVED EQUAL)	EA		1									1	2

### Sheet Number and Removal Quantities - Jomax Rd

Item No.	Description	Unit	17	18	19	20	21	22	23	24	25	26	27	TOTAL
39	REMOVAL OF ASPHALT CONCRETE	SY	534	1,775								28	767	3,105
41	REMOVE CURB AND GUTTER	LF	129	363									195	687
42	REMOVAL OF EXISTING SIDEWALK	SF		929								74		1,003
43	REMOVE EXISTING FENCE	LF						329				10		339
44	REMOVE AND SALVAGE EXISTING GABIONS	LF										30		30
45	REMOVE AND SALVAGE EXISTING GATE	EA										1		1
47	REMOVE STREETLIGHT POLE, LUMINAIRE, FIXTURES, CONDUCTORS AND PULL BOX	EA		1										1



NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	05/26
DRAWN	TG	DATE	05/26
CHECKED	DPF	DATE	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**QUANTITY SUMMARY**

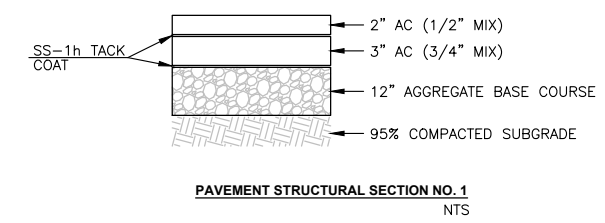
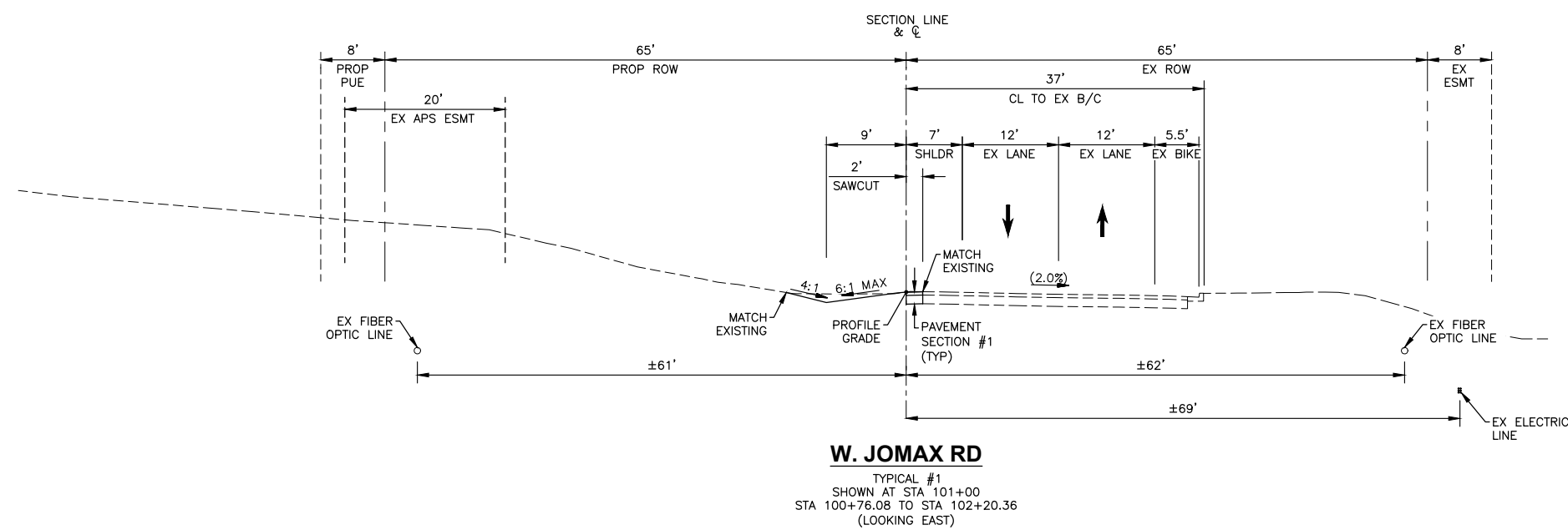
**PRELIMINARY**  
90%  
NOT FOR CONSTRUCTION OR RECORDING

DRAWING NO. QSO1 LOCATION **JOMAX RD - DYSART RD TO 126TH DR** SHEET 6 OF 83

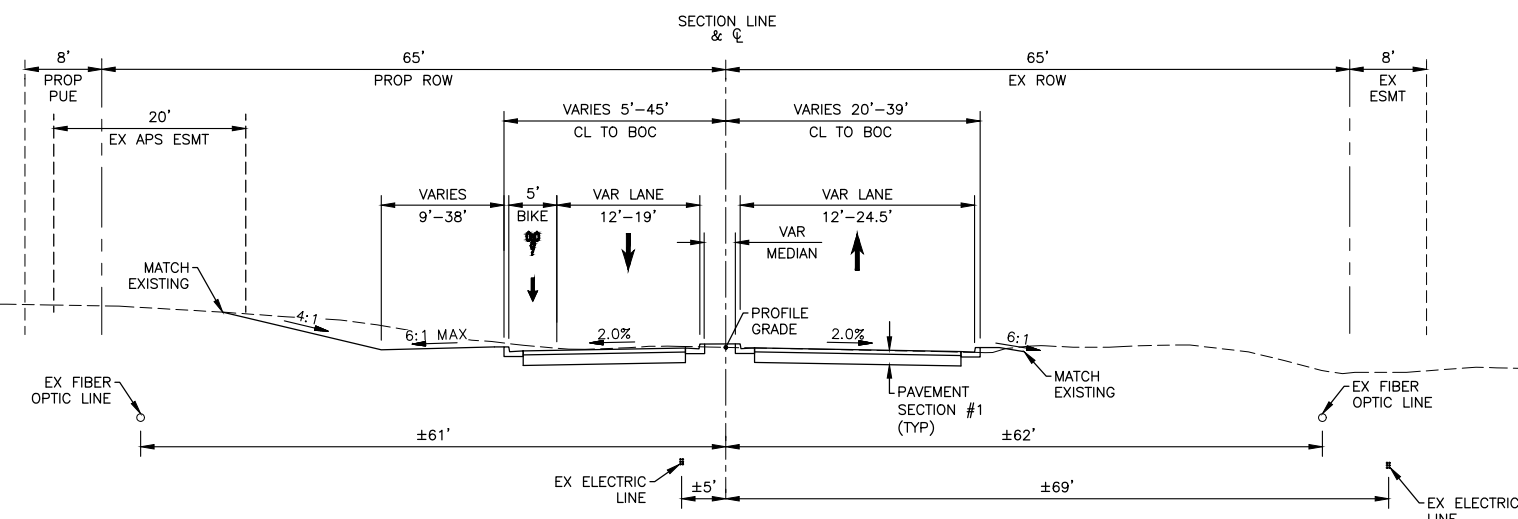
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

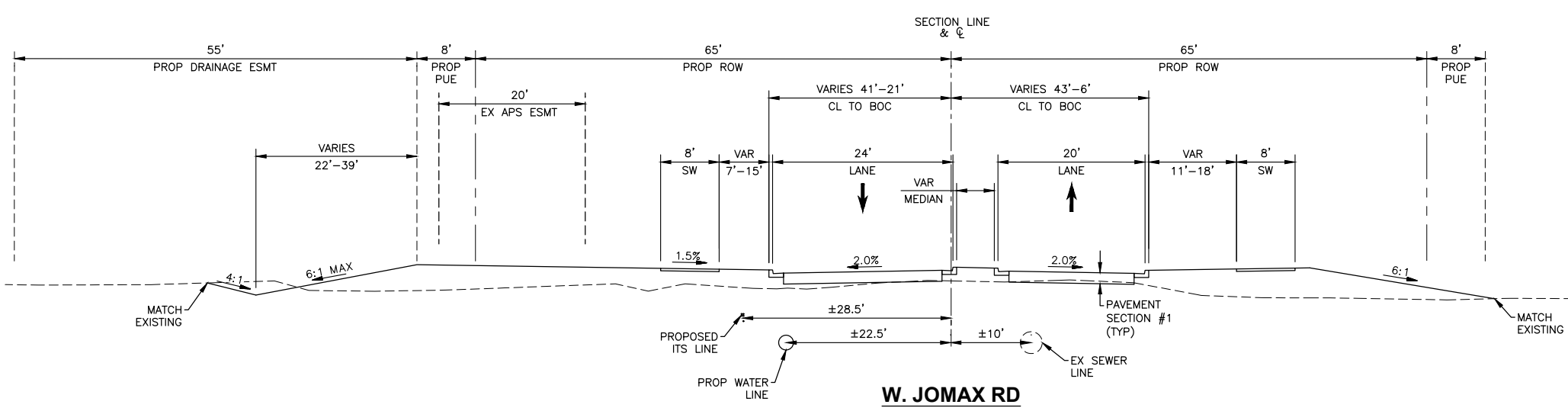
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**W. JOMAX RD**  
TYPICAL #1  
SHOWN AT STA 101+00  
STA 100+76.08 TO STA 102+20.36  
(LOOKING EAST)



**W. JOMAX RD**  
TYPICAL #2  
SHOWN AT STA 104+00  
STA 102+20.36 TO STA 105+29.74  
(LOOKING EAST)



**W. JOMAX RD**  
TYPICAL #3  
SHOWN AT STA 108+00  
STA 106+94.17 TO STA 110+05.02  
(LOOKING EAST)

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NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
**ENGINEERING DEPARTMENT**

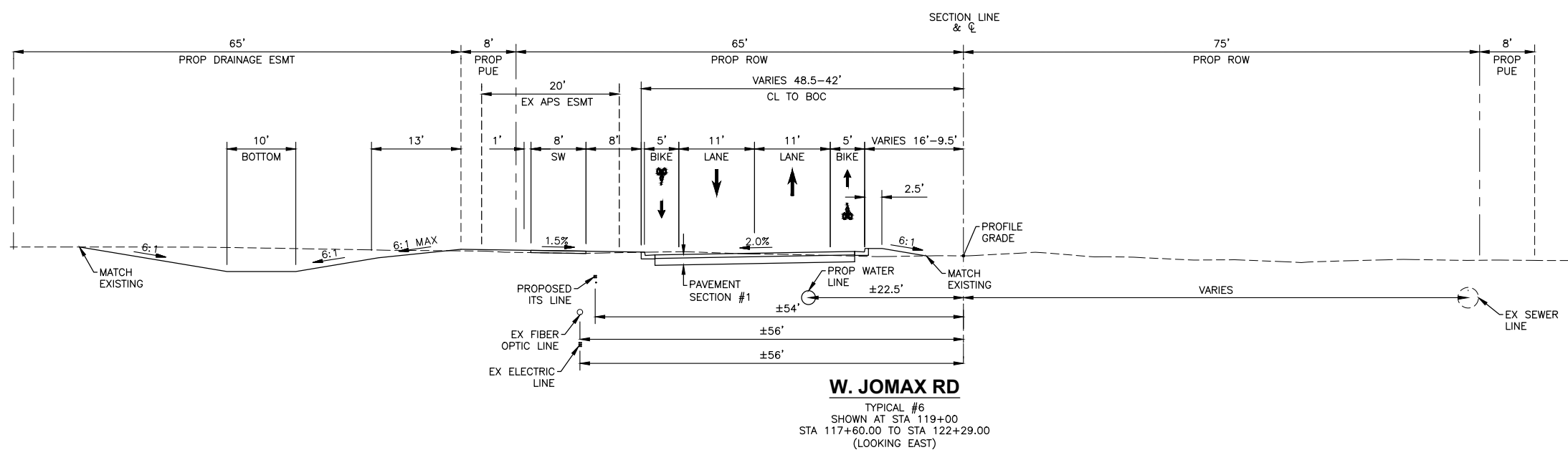
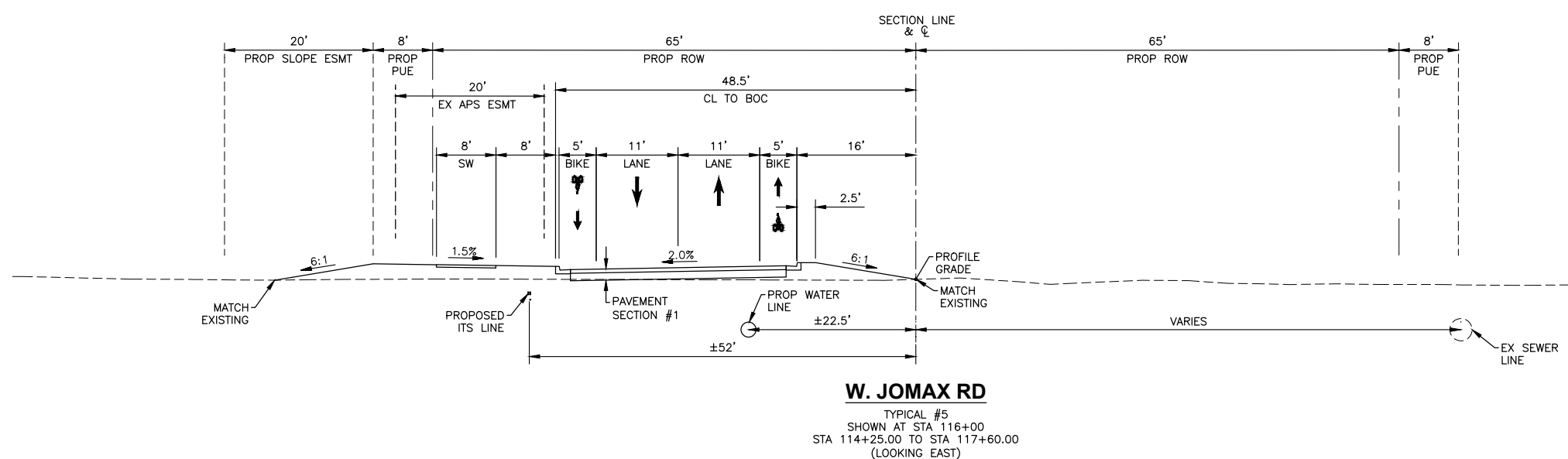
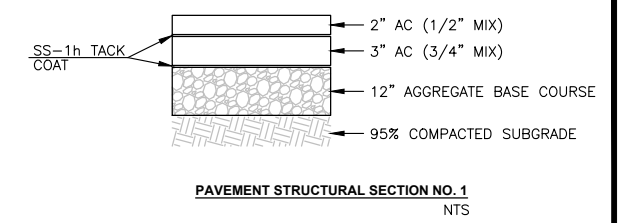
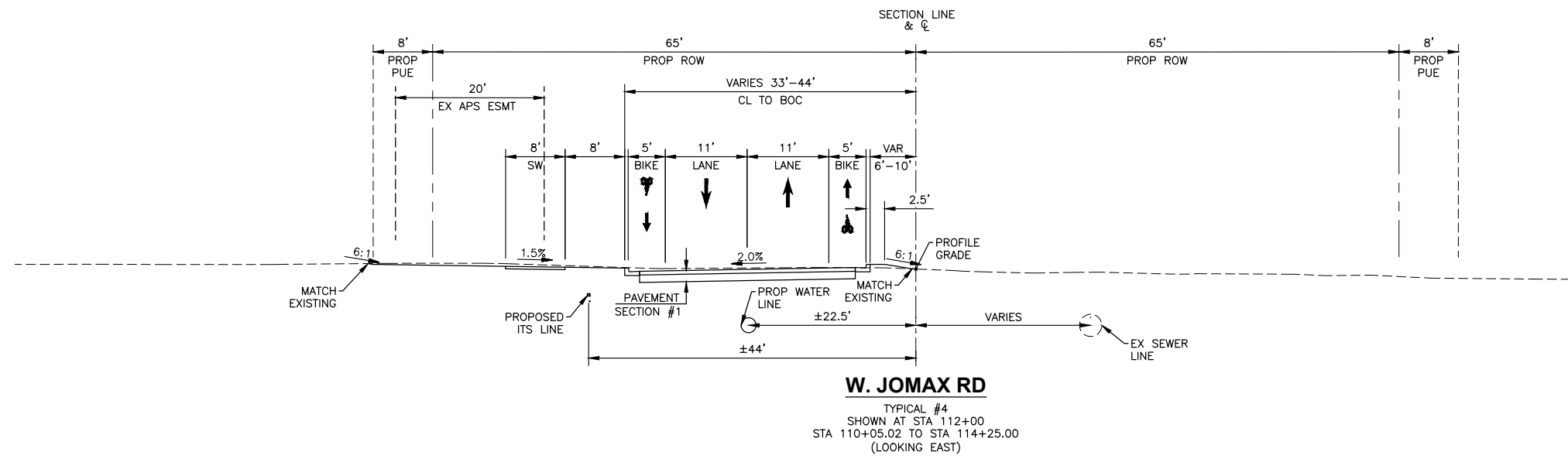
**TYPICAL SECTIONS**

**JOMAX RD - DYSART RD TO 126TH DR**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING  
SHEET 7 OF 83

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



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NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
VLM <td>VLM <td>05/26</td> </td>	VLM <td>05/26</td>	05/26
DRAWN <td>TG <td>05/26</td> </td>	TG <td>05/26</td>	05/26
CHECKED <td>DPF <td>05/26</td> </td>	DPF <td>05/26</td>	05/26

**T/Lin**

DRAWING NO. TS02 LOCATION JOMAX RD - DYSART RD TO 126TH DR

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

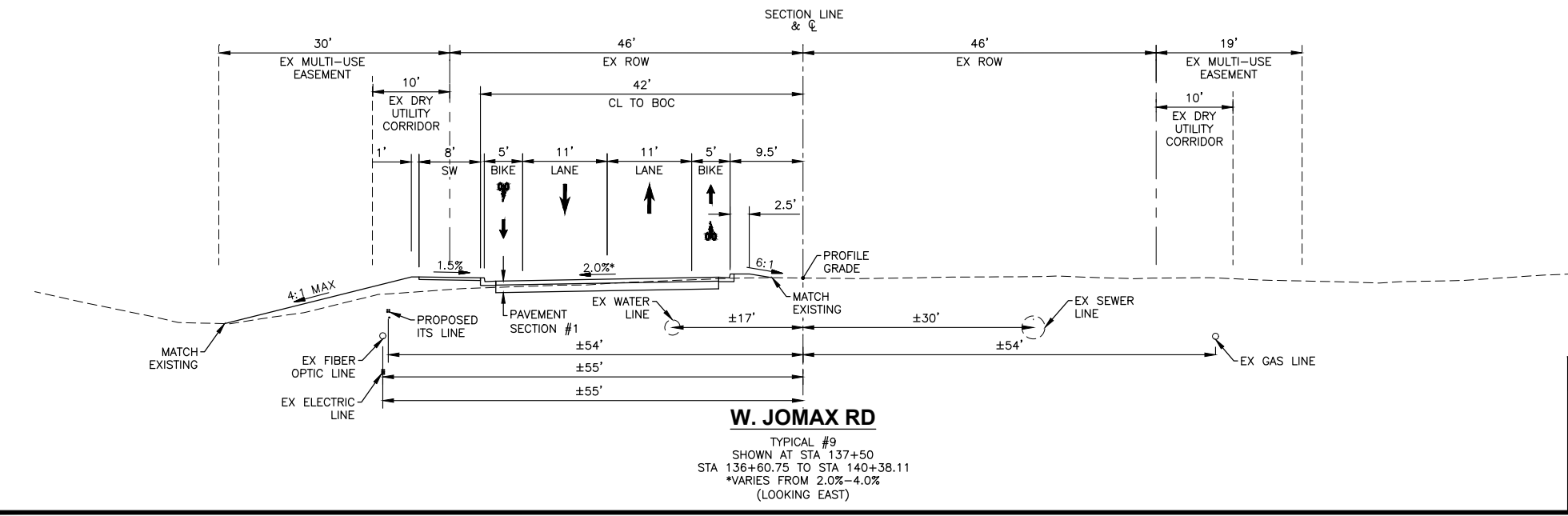
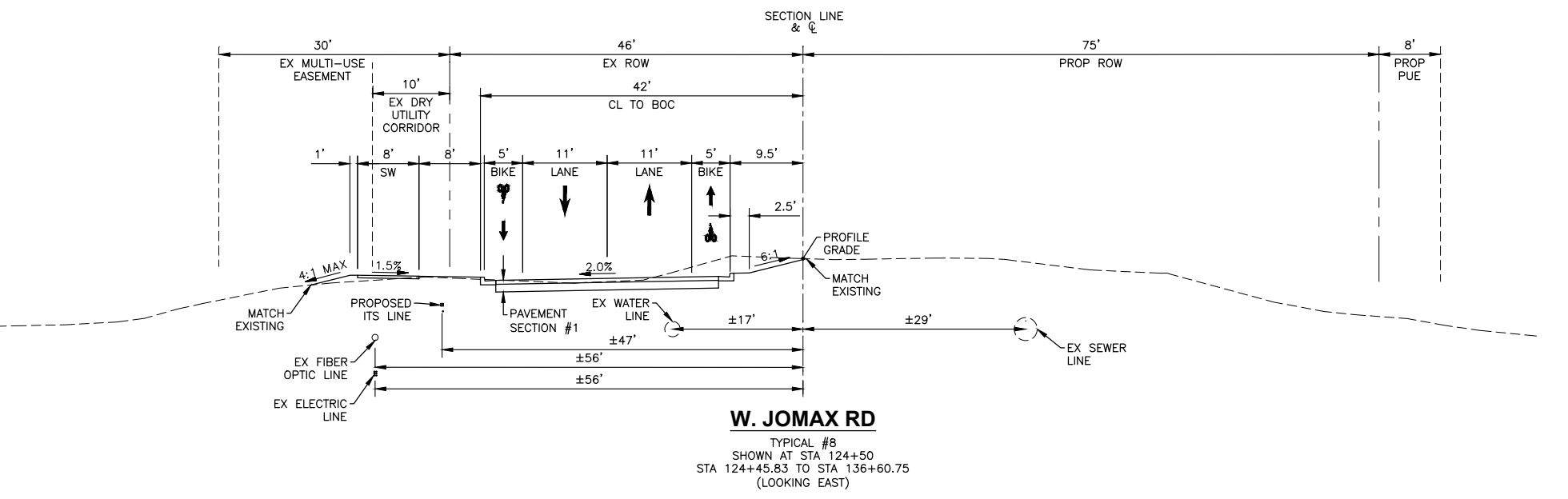
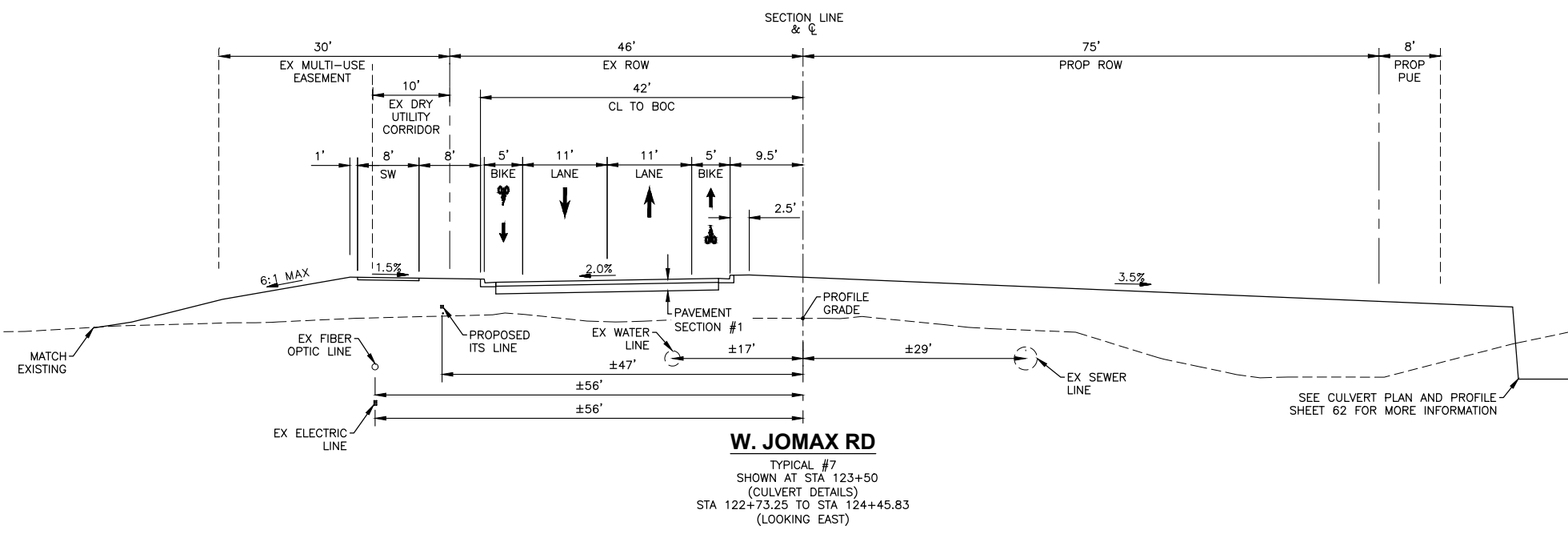
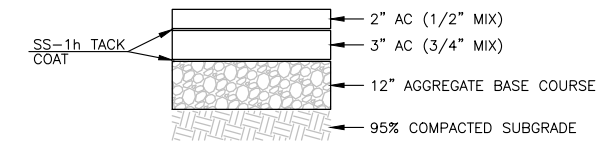
**TYPICAL SECTIONS**

PRELIMINARY  
90%  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 8 OF 83

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Don Fromm  
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



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

**ARIZONA 811**  
 Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
 In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
**ENGINEERING DEPARTMENT**

**TYPICAL SECTIONS**

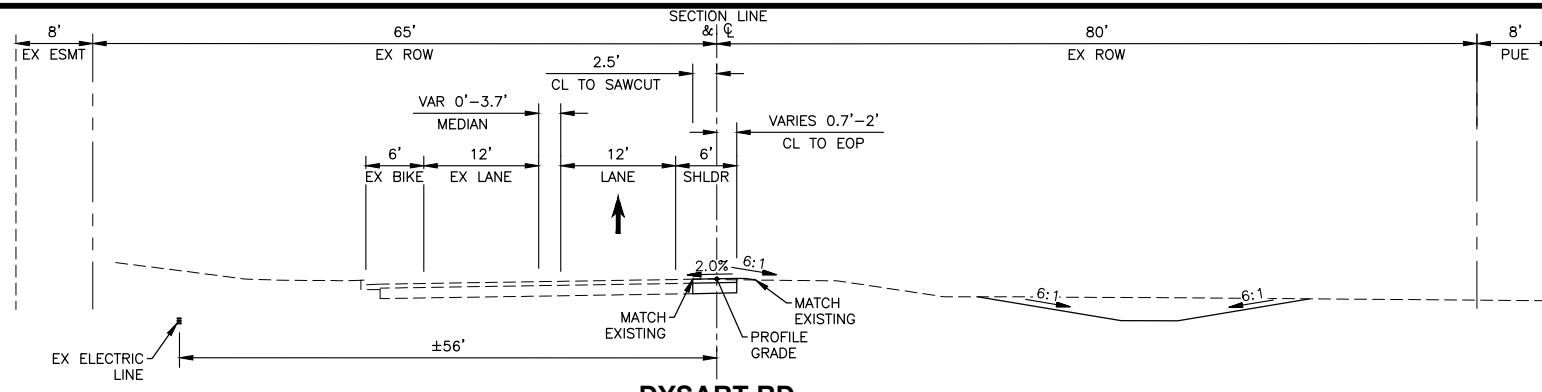
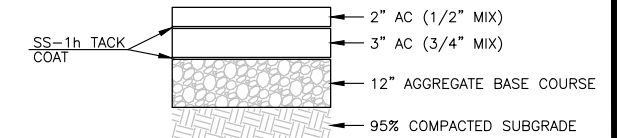
**JOMAX RD - DYSART RD TO 126TH DR**

PRELIMINARY  
**90%**  
 NOT FOR CONSTRUCTION OR RECORDING

SHEET 9 OF 83

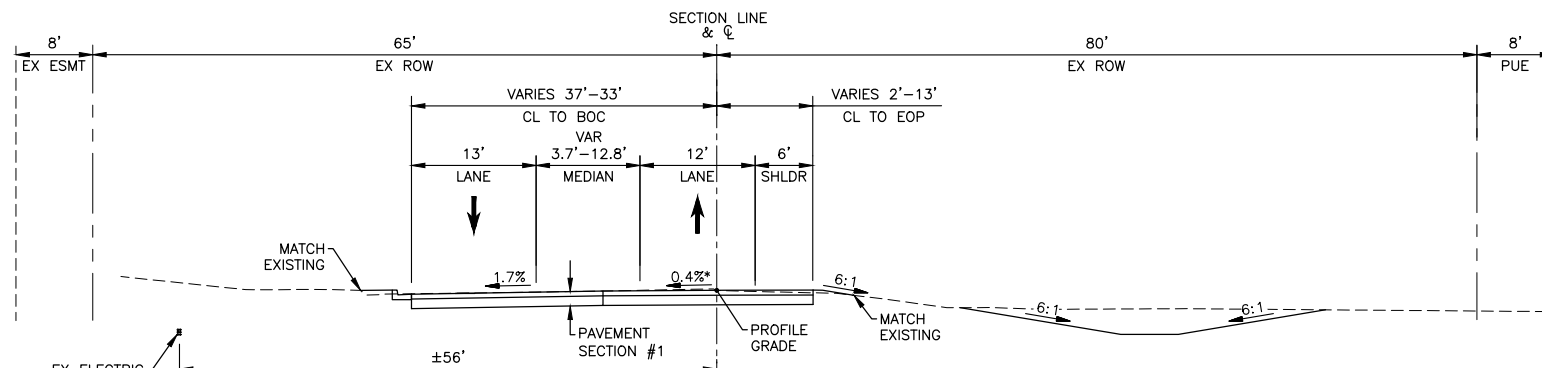
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 Don Fromm  
 TY Lin Half Scale.ctb

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



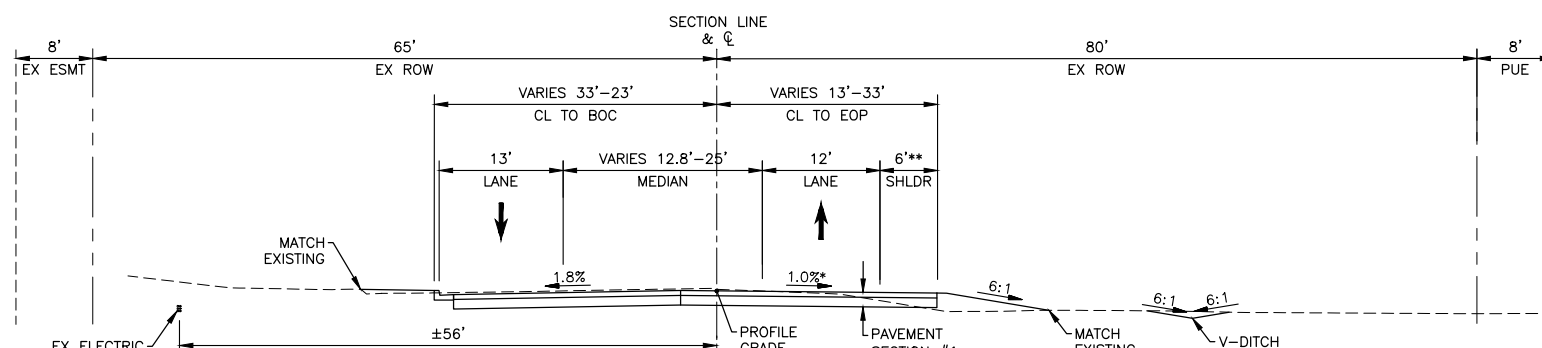
**DYSART RD**

TYPICAL #1  
SHOWN AT STA 196+00  
STA 195+47.26 TO STA 196+01.05  
(LOOKING NORTH)



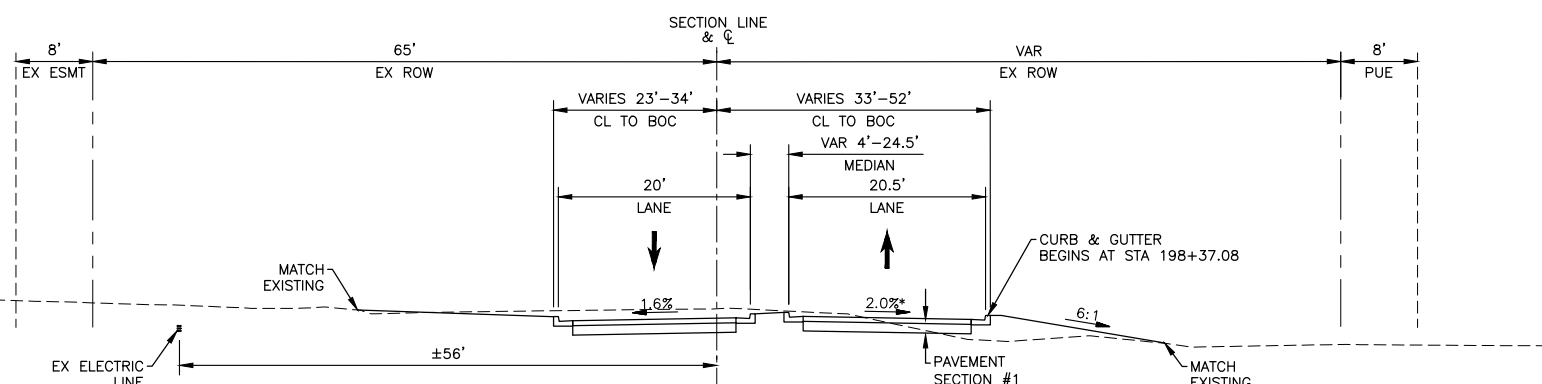
**DYSART RD**

TYPICAL #2  
SHOWN AT STA 196+50  
STA 196+01.05 TO STA 196+60.71  
(LOOKING NORTH) \*SLOPE VARIES FROM 2.0% TO 0.0%



**DYSART RD**

TYPICAL #3  
SHOWN AT STA 197+00  
STA 196+60.71 TO STA 197+75.05  
(LOOKING NORTH) \*SLOPE VARIES 0.0% TO 1.5%  
\*\*SHOULDER VARIES FROM 6'-0'



**DYSART RD**

TYPICAL #4  
SHOWN AT STA 198+50  
STA 197+75.05 TO STA 199+17.00  
(LOOKING NORTH) \*SLOPE VARIES FROM 1.5% TO 2.0%

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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	05/26
DRAWN	TG	DATE	05/26
CHECKED	DPF	DATE	05/26

**CITY OF PEORIA ENGINEERING DEPARTMENT**

**TYPICAL SECTIONS**

**JOMAX RD - DYSART RD TO 126TH DR**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING  
SHEET 10 OF 83

T:\0\TYLin-PHX\3010.0100625.002\600\_D50NHighway\04\_Sheets\P65410\_BD\_Typicals01.dwg 5/7/2026 1:45:15 PM Don Fromm

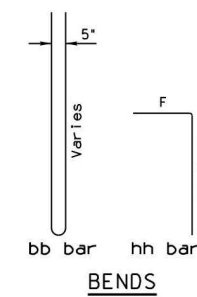
TABLE I  
0'-10' FILL

Span * S'	Height * H'	Top Slab * T'	Walls * W'	aa			bb			cc			ee			ff			gg			hh		
				Bar Size	Spacing	Length	Bar Size	Spacing	Length	Number $\phi$	Bar Size	Spacing	Length	Bar Size	Spacing	Length	Bar Size	Spacing	Length	Number $\phi$	Bar Size	Spacing	Length	Number $\phi$
6'	3'	9 1/2"	8"	5	12"	4'-4"	5	12"	8'-9"	128	5	8"	41'-4"	5	8"	41'-4"	48	3'-0"	4	8"	5'-1"	2'-5"		
6'	4'	9 1/2"	8"	5	12"	5'-4"	5	12"	10'-9"	142	5	8"	41'-4"	5	8"	41'-4"	48	3'-0"	4	8"	5'-7"	2'-5"		
6'	5'	9 1/2"	8"	5	12"	6'-4"	5	12"	12'-9"	142	5	8"	41'-4"	5	8"	41'-4"	48	3'-0"	4	8"	6'-1"	2'-5"		
6'	6'	9 1/2"	8"	5	12"	7'-4"	5	12"	14'-9"	156	5	8"	41'-4"	5	8"	41'-4"	48	3'-0"	4	8"	6'-7"	2'-5"		
6'	7'	9 1/2"	8"	5	12"	8'-4"	5	12"	16'-9"	170	5	8"	41'-4"	5	8"	41'-4"	48	3'-0"	4	8"	7'-1"	2'-5"		
8'	3'	9 1/2"	9"	5	12"	4'-4"	5	12"	8'-8"	128	5	7"	53'-6"	6	8"	53'-6"	96	4'-0"	5	8"	5'-6"	2'-6"		
8'	4'	9 1/2"	9"	5	12"	5'-4"	5	12"	10'-8"	142	5	7"	53'-6"	6	8"	53'-6"	96	4'-0"	5	8"	6'-0"	2'-6"		
8'	5'	9 1/2"	9"	5	12"	6'-4"	5	12"	12'-8"	142	5	7"	53'-6"	6	8"	53'-6"	96	4'-0"	5	8"	6'-6"	2'-6"		
8'	6'	9 1/2"	9"	5	12"	7'-4"	5	12"	14'-8"	156	5	7"	53'-6"	6	8"	53'-6"	96	4'-0"	5	8"	7'-0"	2'-6"		
8'	7'	9 1/2"	9"	5	12"	8'-4"	5	12"	16'-8"	170	5	7"	53'-6"	6	8"	53'-6"	96	4'-0"	5	8"	7'-5"	2'-6"		
8'	8'	9 1/2"	9"	5	12"	9'-4"	5	12"	18'-8"	170	5	7"	53'-6"	6	8"	53'-6"	96	4'-0"	5	8"	8'-0"	2'-6"		
10'	3'	10 1/2"	11"	5	12"	4'-6"	5	12"	8'-11"	128	5	6"	65'-10"	6	6"	65'-10"	132	5'-0"	5	6"	5'-9"	2'-8"		
10'	4'	10 1/2"	11"	5	12"	5'-6"	5	12"	10'-11"	142	5	6"	65'-10"	6	6"	65'-10"	132	5'-0"	5	6"	6'-3"	2'-8"		
10'	5'	10 1/2"	11"	5	12"	6'-6"	5	12"	12'-11"	142	5	6"	65'-10"	6	6"	65'-10"	132	5'-0"	5	6"	6'-9"	2'-8"		
10'	6'	10 1/2"	11"	5	12"	7'-6"	5	12"	14'-11"	156	5	6"	65'-10"	6	6"	65'-10"	132	5'-0"	5	6"	7'-3"	2'-8"		
10'	7'	10 1/2"	11"	5	12"	8'-6"	5	12"	16'-11"	170	5	6"	65'-10"	6	6"	65'-10"	132	5'-0"	5	6"	7'-9"	2'-8"		
10'	8'	10 1/2"	11"	5	12"	9'-6"	5	12"	18'-11"	170	5	6"	65'-10"	6	6"	65'-10"	132	5'-0"	5	6"	8'-3"	2'-8"		
10'	9'	10 1/2"	11"	5	12"	10'-6"	5	12"	20'-11"	184	5	6"	65'-10"	6	6"	65'-10"	132	5'-0"	5	6"	8'-9"	2'-8"		
10'	10'	10 1/2"	11"	5	12"	11'-6"	5	12"	22'-11"	198	5	6"	65'-10"	6	6"	65'-10"	132	5'-0"	5	6"	9'-3"	2'-8"		
12'	8'	12 1/2"	13"	5	12"	9'-10"	5	12"	19'-7"	170	6	7"	78'-2"	7	7"	78'-2"	156	6'-0"	6	7"	8'-6"	2'-10"		
12'	9'	12 1/2"	13"	5	12"	10'-10"	5	12"	21'-7"	184	6	7"	78'-2"	7	7"	78'-2"	156	6'-0"	6	7"	9'-0"	2'-10"		
12'	10'	12 1/2"	13"	5	12"	11'-10"	5	12"	23'-7"	198	6	7"	78'-2"	7	7"	78'-2"	156	6'-0"	6	7"	9'-6"	2'-10"		
12'	11'	12 1/2"	13"	5	12"	12'-10"	5	12"	25'-7"	198	6	7"	78'-2"	7	7"	78'-2"	156	6'-0"	6	7"	10'-0"	2'-10"		
12'	12'	12 1/2"	13"	5	12"	13'-10"	5	12"	27'-7"	212	6	7"	78'-2"	7	7"	78'-2"	156	6'-0"	6	7"	10'-6"	2'-10"		

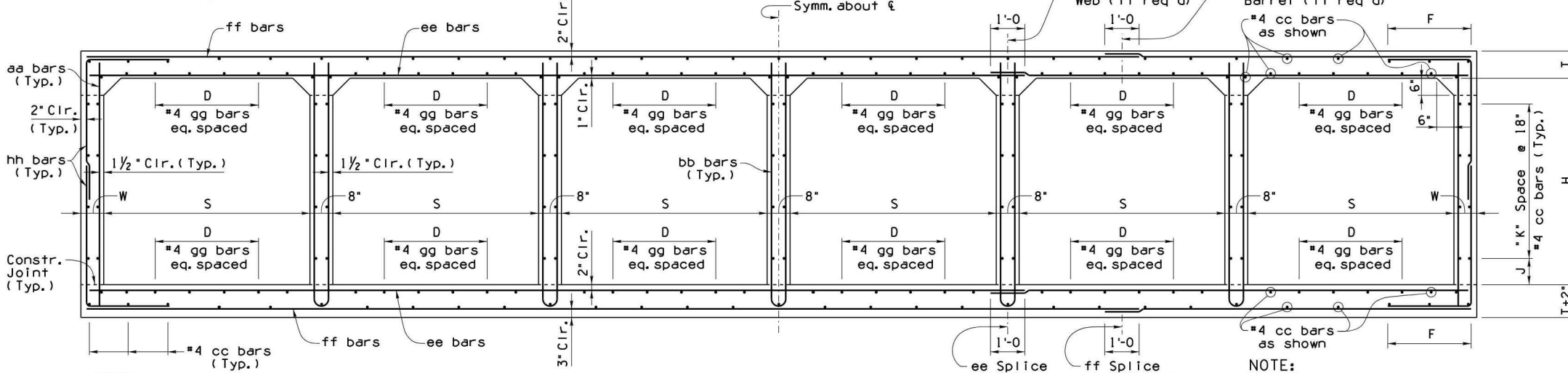
TABLE II  
10'-15' FILL

Span * S'	Height * H'	Top Slab * T'	Walls * W'	aa			bb			cc			ee			ff			gg			hh		
				Bar Size	Spacing	Length	Bar Size	Spacing	Length	Number $\phi$	Bar Size	Spacing	Length	Bar Size	Spacing	Length	Bar Size	Spacing	Length	Number $\phi$	Bar Size	Spacing	Length	Number $\phi$
6'	3'	8"	8"	5	12"	4'-1"	5	12"	8'-3"	128	5	8"	41'-4"	5	7"	41'-4"	48	3'-0"	4	7"	5'-0"	2'-5"		
6'	4'	8"	8"	5	12"	5'-1"	5	12"	10'-3"	142	5	8"	41'-4"	5	7"	41'-4"	48	3'-0"	4	7"	5'-6"	2'-5"		
6'	5'	8"	8"	5	12"	6'-1"	5	12"	12'-3"	142	5	8"	41'-4"	5	7"	41'-4"	48	3'-0"	4	7"	6'-0"	2'-5"		
6'	6'	8"	8"	5	12"	7'-1"	5	12"	14'-3"	156	5	8"	41'-4"	5	7"	41'-4"	48	3'-0"	4	7"	6'-6"	2'-5"		
6'	7'	8"	8"	5	12"	8'-1"	5	12"	16'-3"	170	5	8"	41'-4"	5	7"	41'-4"	48	3'-0"	4	7"	7'-0"	2'-5"		
8'	3'	10 1/2"	9"	5	12"	4'-6"	5	12"	9'-1"	128	5	7"	53'-6"	6	7"	53'-6"	60	4'-0"	4	7"	5'-3"	2'-6"		
8'	4'	10 1/2"	9"	5	12"	5'-6"	5	12"	11'-1"	142	5	7"	53'-6"	6	7"	53'-6"	60	4'-0"	4	7"	5'-9"	2'-6"		
8'	5'	10 1/2"	9"	5	12"	6'-6"	5	12"	13'-1"	142	5	7"	53'-6"	6	7"	53'-6"	60	4'-0"	4	7"	6'-3"	2'-6"		
8'	6'	10 1/2"	9"	5	12"	7'-6"	5	12"	15'-1"	156	5	7"	53'-6"	6	7"	53'-6"	60	4'-0"	4	7"	6'-9"	2'-6"		
8'	7'	10 1/2"	9"	5	12"	8'-6"	5	12"	17'-1"	170	5	7"	53'-6"	6	7"	53'-6"	60	4'-0"	4	7"	7'-3"	2'-6"		
8'	8'	10 1/2"	9"	5	12"	9'-6"	5	12"	19'-1"	170	5	7"	53'-6"	6	7"	53'-6"	60	4'-0"	5	7"	7'-9"	2'-6"		
10'	3'	12 1/2"	11"	5	12"	4'-10"	5	12"	9'-7"	128	5	6"	65'-10"	7	7"	65'-10"	72	5'-0"	5	7"	5'-10"	2'-8"		
10'	4'	12 1/2"	11"	5	12"	5'-10"	5	12"	11'-7"	142	5	6"	65'-10"	7	7"	65'-10"	72	5'-0"	5	7"	6'-4"	2'-8"		
10'	5'	12 1/2"	11"	5	12"	6'-10"	5	12"	13'-7"	142	5	6"	65'-10"	7	7"	65'-10"	72	5'-0"	5	7"	6'-10"	2'-8"		
10'	6'	12 1/2"	11"	5	12"	7'-10"	5	12"	15'-7"	156	5	6"	65'-10"	7	7"	65'-10"	72	5'-0"	5	7"	7'-4"	2'-8"		
10'	7'	12 1/2"	11"	5	12"	8'-10"	5	12"	17'-7"	170	5	6"	65'-10"	7	7"	65'-10"	72	5'-0"	5	7"	7'-10"	2'-8"		
10'	8'	12 1/2"	11"	5	12"	9'-10"	5	12"	19'-7"	170	5	6"	65'-10"	7	7"	65'-10"	72	5'-0"	5	7"	8'-4"	2'-8"		
10'	9'	12 1/2"	11"	5	12"	10'-10"	5	12"	21'-7"	184	5	6"	65'-10"	7	7"	65'-10"	72	5'-0"	5	7"	8'-10"	2'-8"		
10'	10'	12 1/2"	11"	5	12"	11'-10"	5	12"	23'-7"	198	5	6"	65'-10"	7	7"	65'-10"	72	5'-0"	5	7"	9'-4"	2'-8"		
12'	8'	15'	13"	5	12"	10'-3"	5	12"	20'-4"	170	6	7"	78'-2"	7	7"	78'-2"	84	6'-0"	5	7"	8'-9"	2'-11"		
12'	9'	15'	13"	5	12"	11'-3"	5	12"	22'-4"	184	6	7"	78'-2"	7	7"	78'-2"	84	6'-0"	5	7"	9'-3"	2'-11"		
12'	10'	15'	13"	5	12"	12'-3"	5	12"	24'-4"	198	6	7"	78'-2"	7	7"	78'-2"	84	6'-0"	6	7"	9'-9"	2'-11"		
12'	11'	15'	13"	5	12"	13'-3"	5	12"	26'-4"	198	6	7"	78'-2"	7	7"	78'-2"	84	6'-0"	6	7"	10'-9"	3'-5"		
12'	12'	15'	13"	5	12"	14'-3"	5	12"	28'-4"	212	6	7"	78'-2"	7	7"	78'-2"	84	6'-0"	6	7"	11'-3"	3'-5"		

Height * H'	J' Dim.	K' Spaces
3'	9"	1
4'	6"	2
5'	12"	2
6'	9"	3
7'	6"	4
8'	12"	4
9'	9"	5
10'	6"	6
11'	12"	6
12'	9"	7



† Total number of bars in the cross-section.  
\* Includes lap splice length.



**NOTE:**  
Reinforcing shown for 6'-0 x 6'-0 Table I box.  
Use the appropriate table to determine the reinforcing requirements of selected box.

TYPICAL SECTION  
(Shown as 6'-0 x 6'-0 Table I)

**NOTE:**  
For General Notes, Dimensions, and additional Details, see SD 6.01 (1 to 4). For Quantities and Tables III thru V see SD 6.06 (2 of 2).

DESIGN APPROVED <i>Clive Aman</i>	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION BRIDGE GROUP STRUCTURE DETAIL
APPROVED FOR DISTRIBUTION <i>[Signature]</i>	REINFORCED CONCRETE BOX CULVERTS SIX BARREL (0' - 15' FILLS)
ROUTE	PROJECT NO.
FA NO.	DRAWING NO. SD 6.06 (1 of 2)
LOCATION	SHEET NO. OF

New box culverts shall not be constructed using 3' or 4' heights without special approval from ADOT Bridge Group. Tables referencing these sizes are provided for extension of existing box culverts only.



NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	05/26
DRAWN	TG	DATE	05/26
CHECKED	DPF	DATE	05/26

**CITY OF PEORIA  
ENGINEERING DEPARTMENT**

**PRELIMINARY  
90%**

**NOT FOR CONSTRUCTION OR RECORDING**

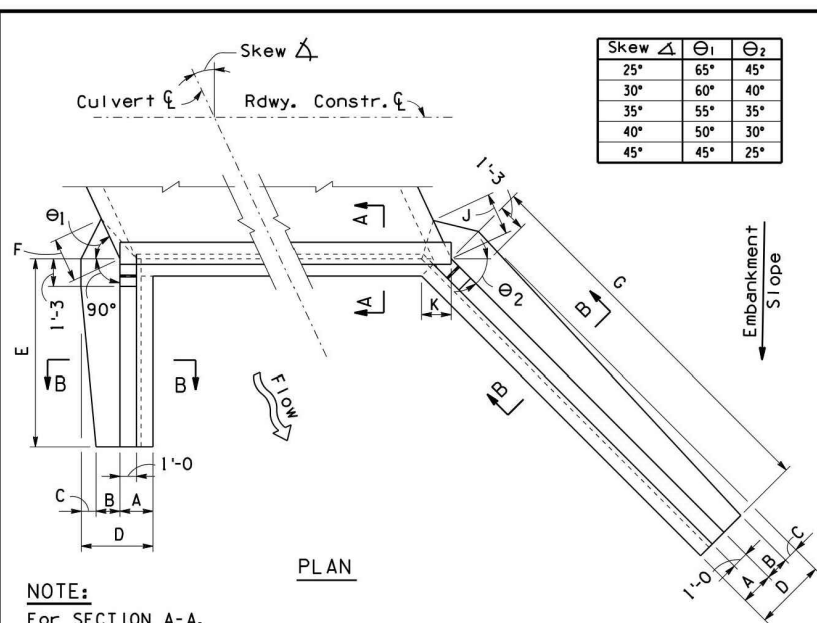
**DETAILS**

**TMLin**

DRAWING NO. DT01 LOCATION JOMAX RD - DYSART RD TO 126TH DR SHEET 11 OF 83

Note to Designer:  
 The information presented in this Standard Detail has been prepared in accordance with recognized engineering principles and is for general use. It should not be used for specific application without the approval of a professional engineer. Contents within the inner border line shall not be altered.

NO.	DESCRIPTION OF REVISIONS	DATE
1	Original Issue	2-12-15
2	Added 3x1/2 height for existing box extensions only	5-15-15



Skew $\Delta$	$\Theta_1$	$\Theta_2$
25°	65°	45°
30°	60°	40°
35°	55°	35°
40°	50°	30°
45°	45°	25°

Skew $\Delta$	25°												30°												35°												40°												45°																																																																																																																																																																																																																																																											
	Height H												Height H												Height H												Height H												Height H																																																																																																																																																																																																																																																											
2 : 1 Slope	A												B												C												D												E												F												G												J												K												L												M																																																																																																																																																																																			
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	5'-6"												6'-1"												6'-8"												7'-6"												8'-5"												5'-7"												6'-2"												6'-9"												7'-7"												8'-7"												5'-8"												6'-3"												6'-10"												7'-9"												8'-9"												5'-9"												6'-4"												7'-0"												7'-11"												8'-11"												5'-10"												6'-5"												7'-1"												8'-0"												9'-1"											
	13'-0"												14'-6"												15'-6"												17'-0"												18'-6"												12'-0"												13'-6"												15'-0"												16'-0"												17'-6"												11'-0"												12'-6"												13'-6"												15'-0"												16'-0"												11'-0"												12'-0"												13'-0"												14'-6"												15'-6"																																																																							
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Skew $\Delta$	25°												30°												35°												40°												45°																																																																																																																																																																																																																																																																																																										
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4 : 1 Slope	A												B												C												D												E												F												G												J												K												L												M																																																																																																																																																																																																																																		
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Skew $\Delta$	25°					30°					35°					40°					45°									
	Height H					Height H					Height H					Height H					Height H									
6 : 1 Slope	A					B					C					D					E					F				
	2'-0"					2'-0"					2'-0"					2'-0"					2'-0"					2'-0"				
	1'-4"					1'-4"					1'-6"					1'-8"					1'-10"					1'-10"				
	1'-9"					1'-9"					1'-7"					1'-5"					1'-3"					1'-3"				
	5'-1"					5'-1"					5'-1"					5'-1"					5'-1"					5'-1"				
	24'-0"					22'-0"					20'-0"					18'-6"					17'-6"					17'-6"				

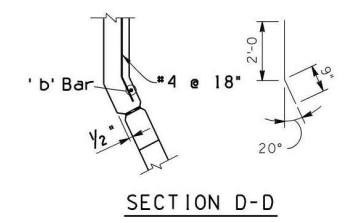
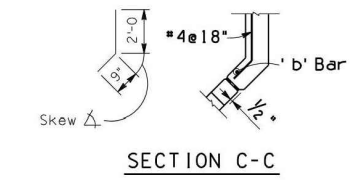
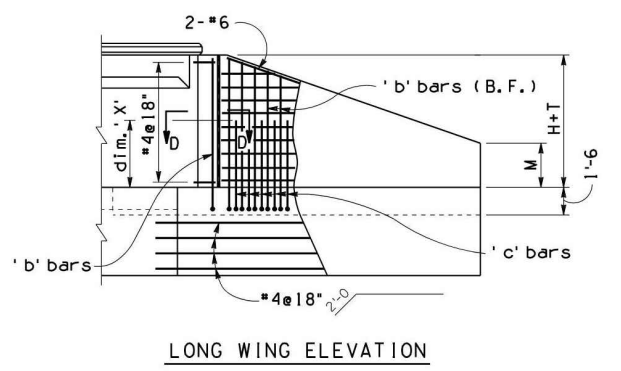
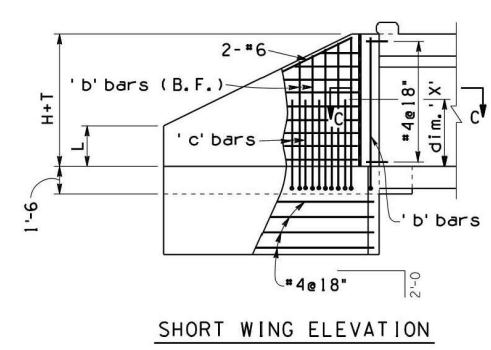
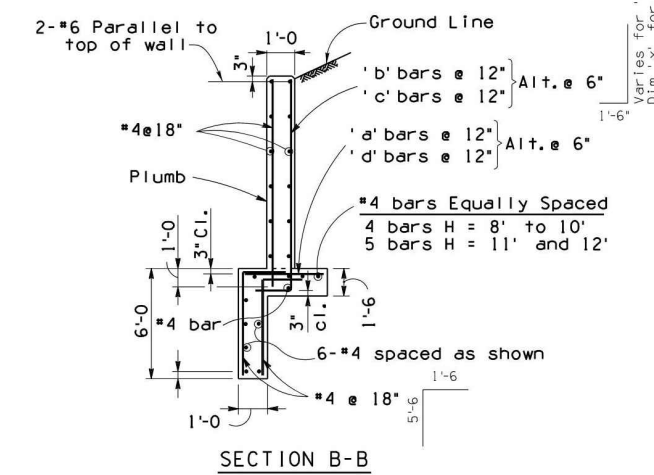
Skew $\Delta$	'e' Bars		
	Span		
25° to 30°	*6	*6	*7
35°	*6	*7	*8
40° & 45°	*6	*7	*9

Height H	Short Wing		Long Wing	
	'a' Bars	'b' Bars	'a' Bars	'b' Bars
8'	*4	*5	*6	*5
9'	*5	*5	*6	*5
10'	*6	*5	*6	*5
11'	*6	*5	*6	*5
12'	*6	*6	*7	*7

Height H	'c' Bars												* 'd' Bars			
	Long Wing						Short Wing						Long Wing	Short Wing		
	Skew $\Delta$						Dim 'x'						Long Wing	Short Wing		
2 : 1 Slope	25°						30°						All Skew $\Delta$		All Skew $\Delta$	
	8'						8'						2'-5"		2'-3"	
	9'						9'						2'-5"		2'-3"	
	10'						10'						2'-5"		2'-3"	
4 : 1 Slope	25°						30°						All Skew $\Delta$		All Skew $\Delta$	
	8'						8'						2'-5"		2'-3"	
	9'						9'						2'-5"		2'-3"	
	10'						10'						2'-5"		2'-3"	

\* 'd' bars alternate with 'a' bars at high end of wall.

NOTE:  
For SECTION A-A,  
see SD 6.01 (1 of 5).



NOTE:  
For General Notes, Dimensions, and additional  
Details, see SD 6.01 (1 of 5). For Headwall  
Quantities see SD 6.09 (1 to 3).

DESIGN APPROVED <i>Shafiq H. Hasan</i>	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION BRIDGE GROUP STRUCTURE DETAIL
APPROVED FOR DISTRIBUTION <i>Tean A. Nehme</i>	REINFORCED CONCRETE BOX CULVERTS OUTLET WINGS - SKEW 25° TO 45° CULVERT HEIGHT 8' TO 12'
ROUTE: PROJECT NO. FA NO. DRAWING NO.	SD 6.08 (6 of 8)
LOCATION: SHEET NO.	OF

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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	05/26
DRAWN	TG	DATE	05/26
CHECKED	DPF	DATE	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PRELIMINARY**  
90%

NOT FOR CONSTRUCTION OR RECORDING

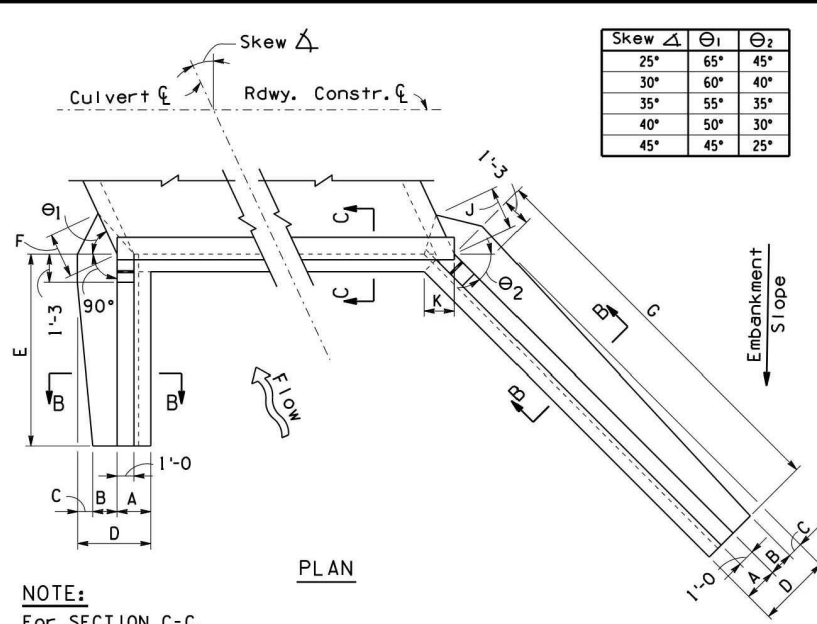
**Tylin**

DRAWING NO. DT02 LOCATION: JOMAX RD - DYSART RD TO 126TH DR SHEET 12 OF 83

Note to Designer:  
 The information presented in this Standard Detail has been prepared in accordance with recognized  
 engineering practice and is intended to be used as a guide only. It is the responsibility of the  
 competent professional examination and verification of its suitability and applicability by a licensed  
 professional engineer. Contents within the inner border line shall not be altered.

NO.	DESCRIPTION OF REVISIONS	DATE
1	Original Issue	2/12
2		
3		
4		

T:\NT\Lin-PHX\3010.0100625.002\600\_D506NHighway04\_Sheets\PE65410\_BD\_Details.dwg  
 Don Fromm  
 5/17/2016 1:46:04 PM  
 TY Lin Half Scale.ctb



Skew $\Delta$	25°					30°					35°					40°					45°				
	Dimensions																								
Height H	8'	9'	10'	11'	12'	8'	9'	10'	11'	12'	8'	9'	10'	11'	12'	8'	9'	10'	11'	12'	8'	9'	10'	11'	12'
A	2'-0	2'-1	2'-2	2'-3	2'-4	2'-0	2'-1	2'-2	2'-3	2'-4	2'-0	2'-1	2'-2	2'-3	2'-4	2'-0	2'-1	2'-2	2'-3	2'-4	2'-0	2'-1	2'-2	2'-3	2'-4
B	1'-4	1'-5	1'-6	1'-7	1'-8	1'-4	1'-5	1'-6	1'-7	1'-8	1'-4	1'-5	1'-6	1'-7	1'-8	1'-4	1'-5	1'-6	1'-7	1'-8	1'-4	1'-5	1'-6	1'-7	1'-8
C	2'-2	2'-7	3'-0	3'-8	4'-5	2'-3	2'-8	3'-1	3'-9	4'-7	2'-4	2'-9	3'-2	3'-11	4'-9	2'-5	2'-10	3'-4	4'-1	4'-11	2'-6	2'-11	3'-5	4'-2	5'-0
D	5'-6	6'-1	6'-8	7'-6	8'-5	5'-7	6'-2	6'-9	7'-7	8'-7	5'-8	6'-3	6'-10	7'-9	8'-9	5'-9	6'-4	7'-0	7'-11	8'-11	5'-10	6'-5	7'-1	8'-0	9'-1
E	13'-0	14'-6	15'-6	17'-0	18'-6	12'-0	13'-6	15'-0	16'-0	17'-6	11'-6	13'-0	14'-0	15'-6	16'-6	11'-0	12'-6	13'-6	15'-0	16'-0	11'-0	12'-0	13'-0	14'-6	15'-6
F	4'-4	5'-0	5'-8	6'-8	7'-9	4'-7	5'-3	5'-11	7'-0	8'-3	4'-10	5'-6	6'-2	7'-4	8'-8	5'-0	5'-8	6'-6	7'-8	9'-0	5'-1	5'-10	6'-8	7'-10	9'-3
G	17'-6	19'-6	21'-0	23'-0	25'-0	18'-6	20'-6	22'-6	24'-6	26'-6	20'-0	22'-0	24'-6	26'-6	28'-6	21'-6	24'-0	26'-6	29'-0	31'-0	24'-0	26'-6	29'-0	31'-6	34'-6
J	4'-2	4'-10	5'-5	6'-5	7'-6	4'-3	4'-11	5'-7	6'-6	7'-8	4'-5	5'-0	5'-8	6'-9	7'-11	4'-6	5'-2	5'-11	6'-11	8'-2	4'-7	5'-3	6'-0	7'-1	8'-4
K	2'-0 1/2	2'-2 1/2	2'-3 1/4	2'-5 1/8	2'-6 3/8	2'-2 1/2	2'-4 1/8	2'-5 3/4	2'-7 1/4	2'-8 5/8	2'-5	2'-6 3/4	2'-8 1/2	2'-10 1/4	3'-0	2'-8 3/8	2'-10 3/8	3'-0 3/8	3'-2 3/8	3'-4 3/8	3'-1 1/2	3'-3 3/8	3'-6 1/4	3'-8 3/8	3'-11
L	2'-7	2'-10	3'-4	3'-7	3'-10	3'-1	3'-4	3'-7	4'-1	4'-4	3'-4	3'-7	4'-1	4'-4	4'-10	3'-7	3'-10	4'-4	4'-7	5'-1	3'-7	4'-1	4'-7	4'-10	5'-4
M	2'-11	3'-2	3'-8	3'-11	4'-3	3'-1	3'-6	3'-10	4'-2	4'-7	3'-4	3'-9	4'-0	4'-6	4'-11	3'-8	4'-1	4'-5	4'-10	5'-4	4'-0	4'-6	4'-11	5'-5	5'-9

Skew $\Delta$	25°					30°					35°					40°					45°				
	Dimensions																								
Height H	8'	9'	10'	11'	12'	8'	9'	10'	11'	12'	8'	9'	10'	11'	12'	8'	9'	10'	11'	12'	8'	9'	10'	11'	12'
A	2'-0	2'-1	2'-2	2'-3	2'-4	2'-0	2'-1	2'-2	2'-3	2'-4	2'-0	2'-1	2'-2	2'-3	2'-4	2'-0	2'-1	2'-2	2'-3	2'-4	2'-0	2'-1	2'-2	2'-3	2'-4
B	1'-4	1'-5	1'-6	1'-7	1'-8	1'-4	1'-5	1'-6	1'-7	1'-8	1'-4	1'-5	1'-6	1'-7	1'-8	1'-4	1'-5	1'-6	1'-7	1'-8	1'-4	1'-5	1'-6	1'-7	1'-8
C	1'-10	2'-2	2'-6	3'-1	3'-9	1'-10	2'-2	2'-7	3'-1	3'-8	1'-11	2'-3	2'-7	3'-1	3'-7	1'-11	2'-2	2'-4	2'-10	3'-4	1'-9	1'-11	2'-1	2'-6	3'-2
D	5'-2	5'-8	6'-2	6'-11	7'-9	5'-2	5'-8	6'-3	6'-11	7'-9	5'-3	5'-9	6'-3	6'-11	7'-10	5'-3	5'-9	6'-3	7'-0	7'-10	5'-3	5'-9	6'-3	7'-0	7'-11
E	20'-0	22'-0	24'-0	22'-6	28'-6	18'-6	20'-6	22'-6	24'-6	26'-6	17'-0	19'-0	20'-6	22'-6	24'-6	16'-0	17'-6	19'-6	21'-0	23'-0	15'-0	17'-0	18'-6	20'-0	22'-0
F	3'-11	4'-5	5'-0	5'-11	6'-11	4'-0	4'-7	5'-3	6'-1	7'-1	4'-3	4'-10	5'-5	6'-2	7'-4	4'-3	4'-10	5'-5	6'-5	7'-5	4'-3	4'-10	5'-6	6'-5	7'-7
G	26'-0	29'-0	32'-0	35'-0	37'-6	27'-6	30'-6	33'-6	36'-6	39'-6	29'-0	32'-0	35'-6	38'-6	41'-6	30'-6	34'-0	37'-6	41'-0	44'-0	33'-0	36'-6	40'-0	43'-6	47'-6
J	3'-9	4'-3	4'-10	5'-8	6'-8	3'-9	4'-3	4'-11	5'-8	6'-8	3'-10	4'-5	4'-11	5'-8	6'-9	3'-10	4'-5	4'-11	5'-9	6'-9	3'-10	4'-5	4'-11	5'-9	6'-10
K	2'-0 1/2	2'-2 1/2	2'-3 1/4	2'-5 1/8	2'-6 3/8	2'-2 1/2	2'-4 1/8	2'-5 3/4	2'-7 1/4	2'-8 5/8	2'-5	2'-6 3/4	2'-8 1/2	2'-10 1/4	3'-0	2'-8 3/8	2'-10 3/8	3'-0 3/8	3'-2 3/8	3'-4 3/8	3'-1 1/2	3'-3 3/8	3'-6 1/4	3'-8 3/8	3'-11
L	4'-1	4'-7	5'-1	5'-5	5'-11	4'-5	4'-11	5'-5	5'-11	6'-5	4'-11	5'-5	5'-11	6'-5	6'-11	5'-1	5'-8	6'-2	6'-10	7'-4	5'-4	5'-10	6'-5	7'-1	7'-7
M	4'-6	4'-11	5'-5	5'-11	6'-5	4'-8	5'-2	5'-8	6'-2	6'-9	4'-11	5'-6	6'-0	6'-7	7'-1	5'-3	5'-10	6'-5	6'-11	7'-7	5'-7	6'-2	6'-10	7'-6	8'-1

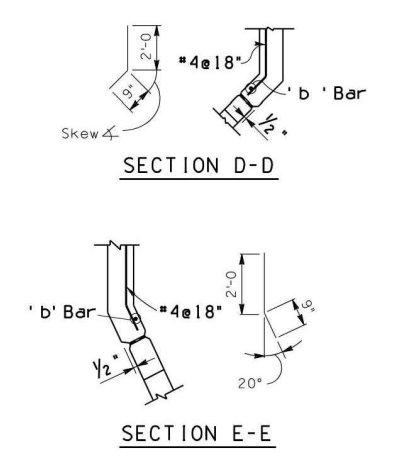
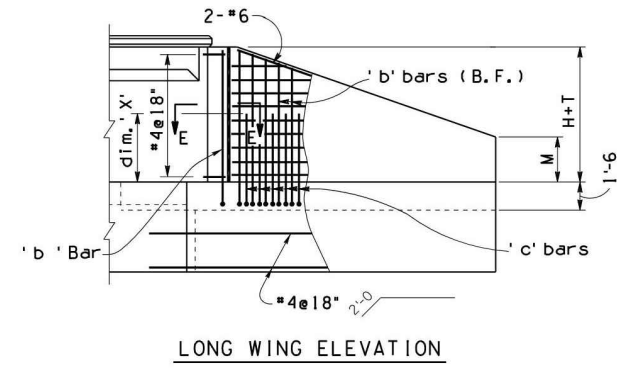
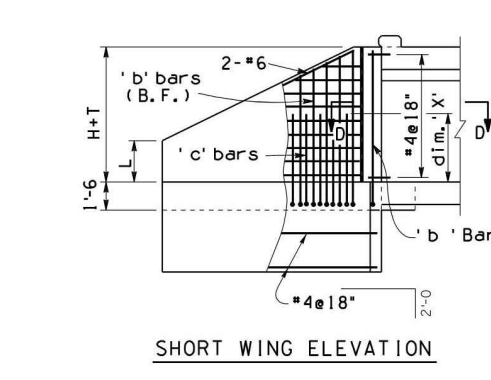
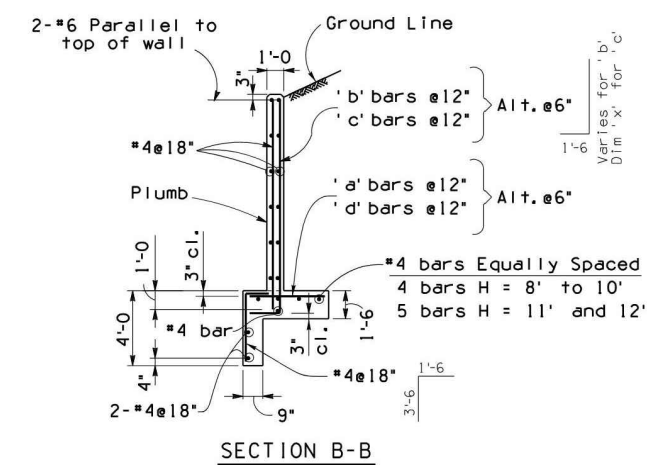
Skew $\Delta$	25°					30°					35°					40°					45°				
	Dimensions																								
Height H	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'
A	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0	2'-0
B	1'-4	1'-4	1'-6	1'-8	1'-10	1'-4	1'-4	1'-6	1'-8	1'-10	1'-4	1'-4	1'-6	1'-8	1'-10	1'-4	1'-4	1'-6	1'-8	1'-10	1'-4	1'-4	1'-6	1'-8	1'-10
C	1'-9	1'-9	1'-7	1'-5	1'-3	1'-9	1'-9	1'-7	1'-5	1'-3	1'-9	1'-9	1'-7	1'-5	1'-3	1'-9	1'-9	1'-7	1'-5	1'-3	1'-9	1'-9	1'-7	1'-5	1'-3
D	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1	5'-1
E	24'-0	22'-0	20'-0	18'-6	17'-6	24'-0	22'-0	20'-0	18'-6	17'-6	24'-0	22'-0	20'-0	18'-6	17'-6	24'-0	22'-0	20'-0	18'-6	17'-6	24'-0	22'-0	20'-0	18'-6	17'-6
F	3'-9	3'-11	4'-0	4'-0	4'-1	3'-9	3'-11	4'-0	4'-0	4'-1	3'-9	3'-11	4'-0	4'-0	4'-1	3'-9	3'-11	4'-0	4'-0	4'-1	3'-9	3'-11	4'-0	4'-0	4'-1
G	31'-6	32'-6	34'-0	35'-6	37'-6	31'-6	32'-6	34'-0	35'-6	37'-6	31'-6	32'-6	34'-0	35'-6	37'-6	31'-6	32'-6	34'-0	35'-6	37'-6	31'-6	32'-6	34'-0	35'-6	37'-6
J	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8	3'-8
K	2'-0 1/2	2'-2 1/2	2'-5	2'-8 3/8	3'-1 1/2	2'-0 1/2	2'-2 1/2	2'-5	2'-8 3/8	3'-1 1/2	2'-0 1/2	2'-2 1/2	2'-5	2'-8 3/8	3'-1 1/2	2'-0 1/2	2'-2 1/2	2'-5	2'-8 3/8	3'-1 1/2	2'-0 1/2	2'-2 1/2	2'-5	2'-8 3/8	3'-1 1/2
L	5'-1	5'-5	5'-9	6'-0	6'-2	5'-1	5'-5	5'-9	6'-0	6'-2	5'-1	5'-5	5'-9	6'-0	6'-2	5'-1	5'-5	5'-9	6'-0	6'-2	5'-1	5'-5	5'-9	6'-0	6'-2
M	5'-4	5'-7	5'-10	6'-1	6'-5	5'-4	5'-7	5'-10	6'-1	6'-5	5'-4	5'-7	5'-10	6'-1	6'-5	5'-4	5'-7	5'-10	6'-1	6'-5	5'-4	5'-7	5'-10	6'-1	6'-5

Skew $\Delta$	e Bars			c Bars			d Bars		
	Span			Long Wing			Short Wing		
25° to 30°	8'	10'	12'	8'	10'	12'	8'	10'	12'
35°	8'	10'	12'	8'	10'	12'	8'	10'	12'
40° & 45°	8'	10'	12'	8'	10'	12'	8'	10'	12'

Height H	Short Wing		Long Wing	
	a' Bars	b' Bars	a' Bars	b' Bars
8'	*4	*5	*6	*5
9'	*5	*5	*6	*5
10'	*6	*5	*6	*5
11'	*6	*5	*6	*5
12'	*6	*6	*7	*7

Height H	Skew $\Delta$					Dim 'x'	Long Wing		Short Wing		Long Wing All Skew $\Delta$	Short Wing All Skew $\Delta$
	Long Wing						Dim 'x'	All Skew $\Delta$	Dim. 'x'			
	25°	30°	35°	40°	45°							
8'	4 - *5	4 - *5	5 - *5	5 - *5	6 - *5	2'-3	-	-	-	-	-	
9'	6 - *5	7 - *5	8 - *5	9 - *5	10 - *5	3'-3	2 - *5	2'-3	4 - *5	-	-	
10'	9 - *7	10 - *7	11 - *7	13 - *7	15 - *7	6'-0	4 - *5	3'-3	8 - *5	-	-	
11'	11 - *7	12 - *7	14 - *7	16 - *7	19 - *7	7'-0	6 - *6	4'-3	13	3 - *5	-	
12'	7 - *7	8 - *7	9 - *7	10 - *7	12 - *7	5'-3	6 - *6	4'-6	9 - *7	5 - *5	-	
8'	3 - *5	4 - *5	4 - *5	5 - *5	5 - *5	2'-3	-	-	-	-	-	
9'	8 - *5	9 - *5	10 - *5	11 - *5	13 - *5	2'-6	4 - *5	2'-3	-	-	-	
10'	14 - *6	15 - *6	17 - *6	19 - *6	23 - *6	3'-9	8 - *5	3'-3	-	-	-	
11'	19 - *7	21 - *7	24 - *7	27 - *7	31 - *7	6'-3	12 - *6	4'-3	10 - *5	5 - *5	-	
12'	10 - *5	11 - *5	12 - *5	14 - *5	16 - *5	2'-9	12 - *6	4'-6	8 - *5	8 - *5	-	

\* d' bars alternate with 'a' bars at high end of wall.



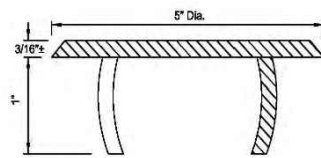
NOTE:  
For General Notes, Dimensions, and additional Details, see SD 6.01 (2 of 5). For Headwall Quantities see SD 6.09 (1 to 3).

DESIGN APPROVED <i>Shafiq H. Hasan</i>	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION BRIDGE GROUP STRUCTURE DETAIL
APPROVED FOR DISTRIBUTION <i>Jean A. Nehme</i>	REINFORCED CONCRETE BOX CULVERTS INLET WINGS - SKEW 25° TO 45° CULVERT HEIGHT 8' TO 12'
ROUTE PROJECT NO. FA NO.	SD 6.08 (8 of 8)
LOCATION	SHEET NO. OF

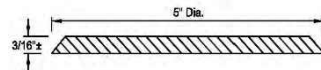


NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	05/26	CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 90%
DRAWN	TG	DATE	05/26		
CHECKED	DPF				



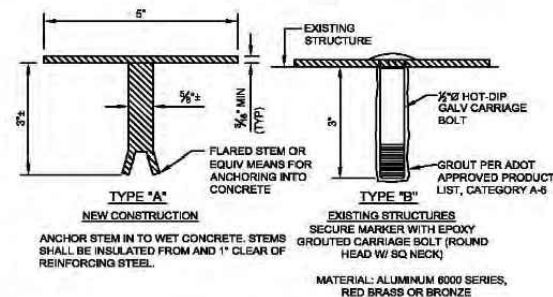
**TYPE "A"**  
TO BE INSTALLED IN WET CONCRETE DURING CONSTRUCTION



**TYPE "B"**  
TO BE INSTALLED WITH ADHESIVE ON EXISTING STRUCTURES



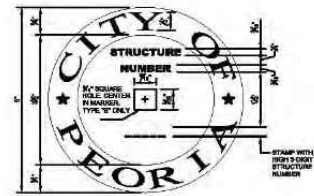
- NOTES:
1. MATERIAL—CAST ALUMINUM
  2. THE TOTAL WIDTH OF INDIVIDUAL LETTERS AND WORDS ARE EQUALLY SPACED AND BALANCED
  3. LETTERS TO BE 1/2" IN HEIGHT. TYPE OF LETTERS TO BE SUBMITTED FOR APPROVAL



**TYPE "A"**  
NEW CONSTRUCTION  
ANCHOR STEM IN TO WET CONCRETE. STEMS SHALL BE INSULATED FROM AND 1" CLEAR OF REINFORCING STEEL.

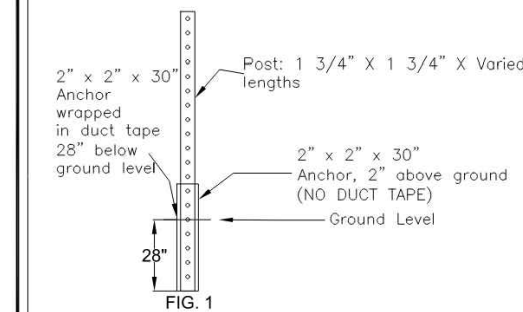
**TYPE "B"**  
EXISTING STRUCTURES  
SECURE MARKER WITH EPOXY GROUTED CARRIAGE BOLT (ROUND HEAD W/ SQ NECK)

MATERIAL: ALUMINUM 6000 SERIES, RED BRASS OR BRONZE



**CITY OF PEORIA STANDARD DETAIL - PE-280-1**  
Bridge and Culvert Structure Identification Markers

THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL.



**FIG. 1**

- NOTES:
1. CITY OF PEORIA REQUIRES SQUARE TUBING FOR POST MOUNTED INSTALLATIONS. TUBING SHALL HAVE A GALVANIZED FINISH AND BE ROLL FORM 12 GAGE (0.105-USG GAGE) COLD ROLLED STEEL, BE PERFORATED, AND HAVE HOLE SIZE OF 7/16" IN DIAMETER, AND 1" ON CENTER ON ALL SIDES. ALL SIGN HEIGHTS SHALL CONFORM TO THE MUTCD.
  2. POST INSTALLATION REQUIRES A 2"x2"x30" ANCHOR TO BE INSTALLED PNEUMATICALLY OR HYDRAULICALLY AND SHALL BE 28" IN THE GROUND AND 2" ABOVE GROUND (SEE FIG. 1).
  3. FOR SINGULAR SIGNS A 1-3/4"x1-3/4"x10" POST IS REQUIRED WITH THE EXCEPTION OF OBJECT MARKERS AND/OR END OF ROAD MARKERS.
  4. FOR MULTIPLE SIGNS A 1-3/4"x1-3/4"x VARIED LENGTH POST IS REQUIRED PER THE MUTCD HEIGHT SPECIFICATIONS.
  5. FOR SIGNS THAT EXCEED 42" IN WIDTH, DUAL POSTS ARE REQUIRED.
  6. ATTACHMENT OF THE POST TO THE ANCHOR REQUIRES A 5/16"x2-1/2" GRADE 5 HEX HEAD BOLT WITH A 5/16" FLAT WASHER AND HEX NUT.
  7. ATTACHMENT OF THE SIGNS TO THE POST REQUIRES A 5/16"x2-1/2" GRADE 5 HEX HEAD BOLT WITH A 5/16" FLAT WASHER AND HEX NUT.
  8. PARKING RESTRICTION SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30 DEGREES OR MORE THAN 45 DEGREES WITH THE LINE OF TRAFFIC IN ORDER TO BE VISIBLE TO APPROACHING TRAFFIC.

**CITY OF PEORIA STANDARD DETAIL - PE- 060**  
SIGN POST SPECIFICATION

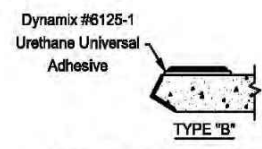
THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL.

**CITY OF PEORIA STANDARD DETAIL - PE-559-1**  
Storm Drain Inlet Marker

THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL.

**CITY OF PEORIA STANDARD DETAIL - PE-280-1**  
Bridge and Culvert Structure Identification Markers

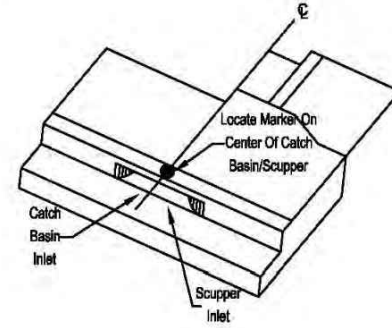
THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL.



**TYPE "B"**  
TO BE INSTALLED WITH ADHESIVE ON EXISTING STRUCTURES

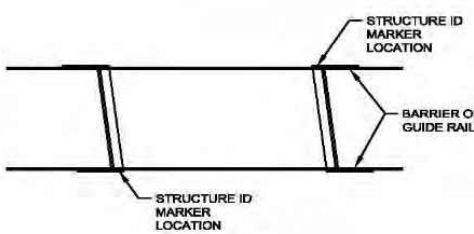
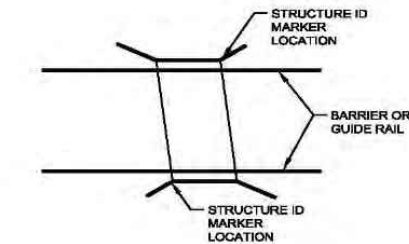


**TYPE "A"**  
TO BE INSTALLED IN WET CONCRETE DURING CONSTRUCTION



**CITY OF PEORIA STANDARD DETAIL - PE-559-2**  
Storm Drain Inlet Marker on Catch Basin/Scupper

THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL.



LOCATE STRUCTURE ID MARKER ON THE TOP OF THE FIRST WINGWALL, RIGHT SIDE OF THE BRIDGE APPROACH LOOKING TOWARDS THE BRIDGE.

**CITY OF PEORIA STANDARD DETAIL - PE-280-2**  
Bridge and Culvert Structure Identification Markers

THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL.



- NOTES:
1. SIGNS SHOULD BE INSTALLED ON CITY OWNED AND MAINTAINED STREETLIGHT POLES WHERE POSSIBLE. SIGNS SHALL NOT BE INSTALLED ON PRIVATELY OWNED AND MAINTAINED STREETLIGHT POLES.
  2. SIGNS INSTALLED USING A MINIMUM 1/2" WIDE STAINLESS STEEL BANDING (C20499) WITH A MINIMUM THICKNESS OF .030, A BANDING BUCKLE (C25499), AND A BANDING BRACKET (DO2189).
  3. STREET NAME SIGNS SHALL BE INSTALLED USING BANDING LISTED ABOVE AS WELL AS A CANTILEVER BRACKET (5C250), ROUND BRACKET (922SF), AND A CROSS BRACKET (330SF). 6" SIGNS SHALL HAVE A 6" WIDE BRACKET AND 9" SIGN SHALL HAVE 12" WIDE BRACKETS.
  4. 6" NO OUTLET (W1-14A) OR DEAD END (W14-2A) SIGNS SHALL BE INSTALLED WITH EITHER 6" PARALLEL BRACKETS OR 6" CROSS BRACKETS, WHICHEVER IS APPLICABLE WITH SIGN ORIENTATION, AND SHALL BE INSTALLED ABOVE THE STREET NAME SIGNS, IF ATTACHED AT THE SAME LOCATION. IF INSTALLED INDIVIDUALLY ON A STREET LIGHT POLE, THE SIGNS SHALL BE INSTALLED USING 1/2" WIDE STAINLESS STEEL BANDING WITH A MINIMUM THICKNESS OF .303, A BANDING BUCKLE (C25499), A CANTILEVER BRACKET (KC250), AND A ROUND BRACKET (922SF).

**CITY OF PEORIA STANDARD DETAIL - PE- 061**  
SIGN INSTALLATION ON STREET LIGHT POLE

THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL.

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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	05/26	<b>CITY OF PEORIA</b> <b>ENGINEERING DEPARTMENT</b>  <b>DETAILS</b>	<b>PRELIMINARY</b>  <b>90%</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	TG	05/26		
CHECKED	DPF	05/26		

**T Lin**

DRAWING NO. DT04 LOCATION **JOMAX RD - DYSART RD TO 126TH DR**

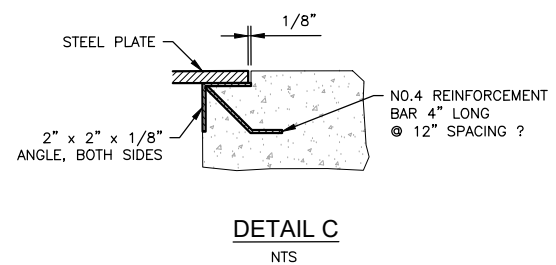
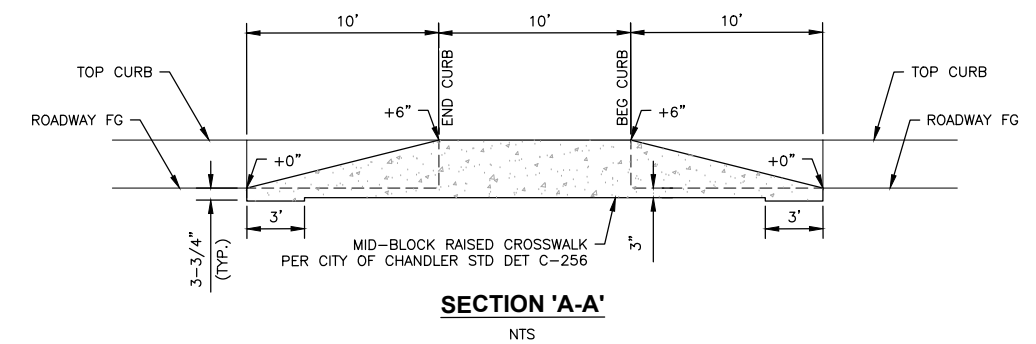
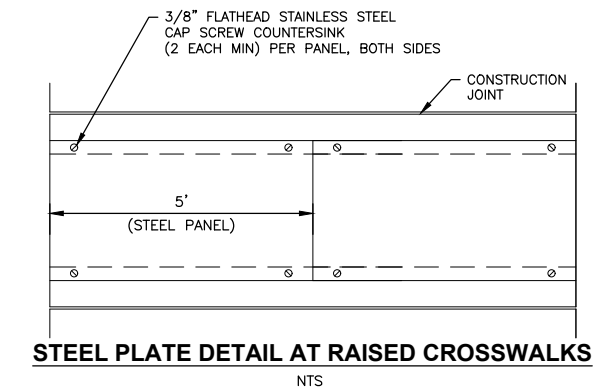
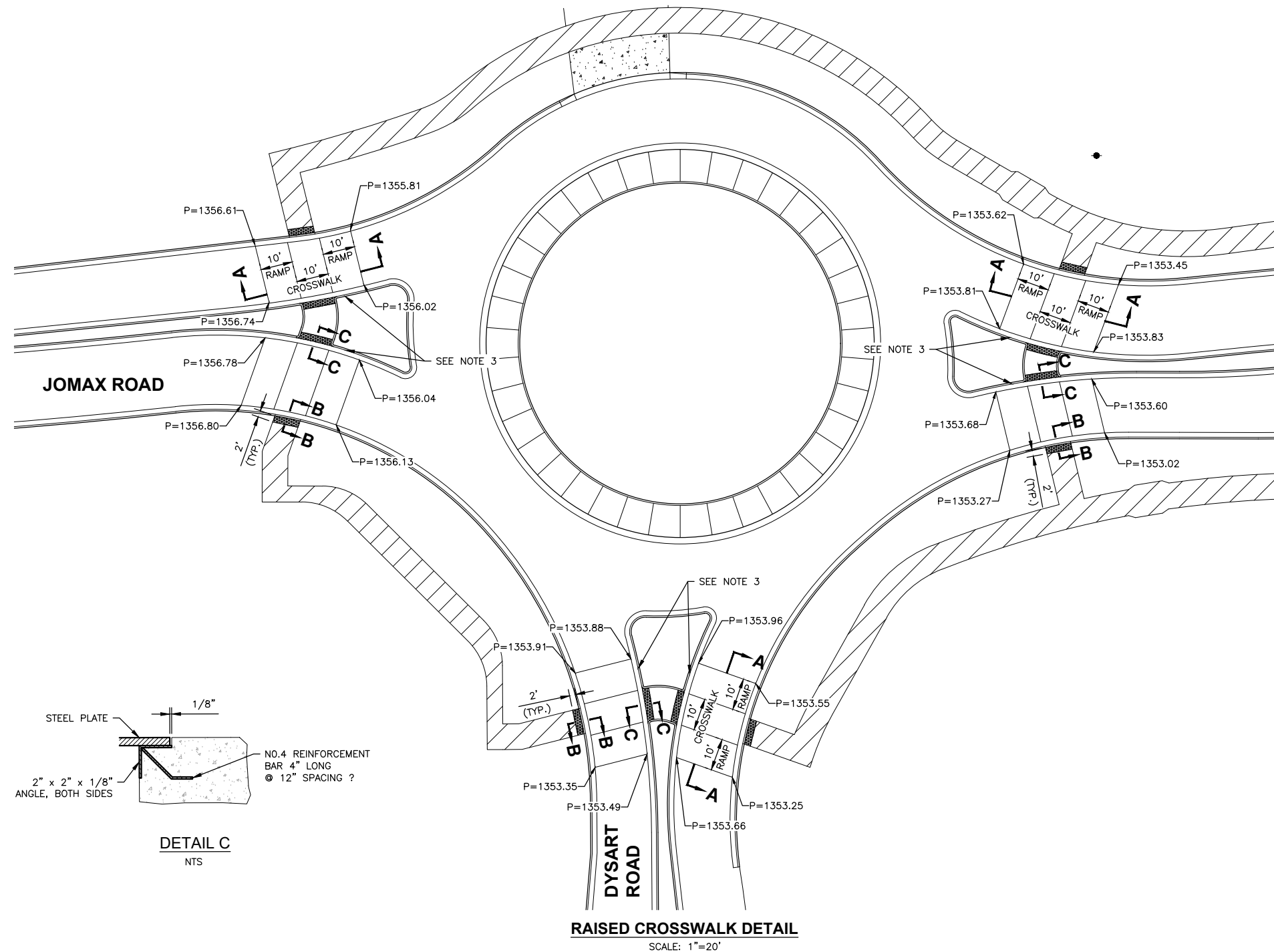
SHEET 14 OF 83

5/17/2026 1:46:19 PM Don Fromm TY Lin Half Scale.ctb

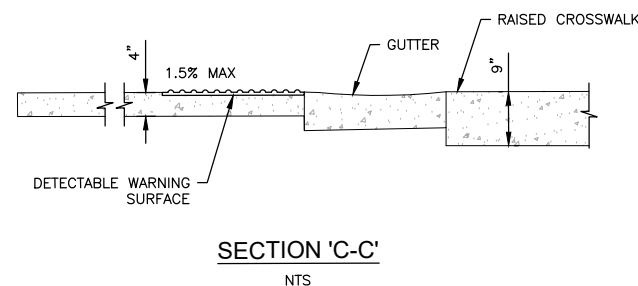
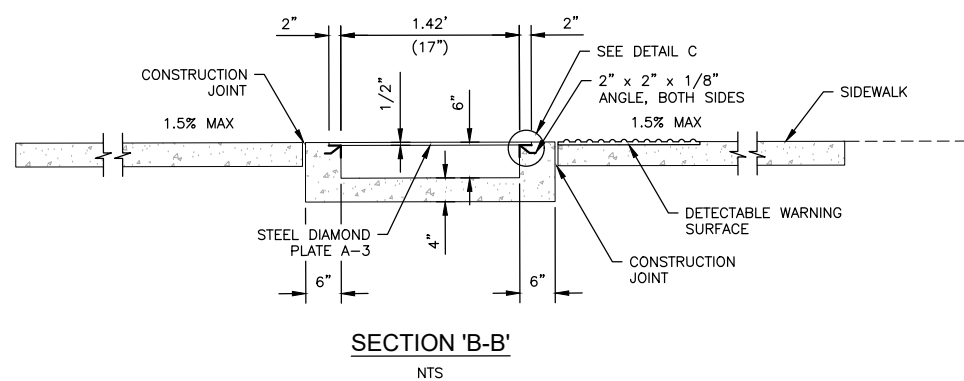
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

NOTES:

1. PAINT STEEL ACCORDING TO SECTION 790, PAINT NUMBER 1-A OR 1-B.
2. CONCRETE SHALL BE CLASS B PER SECT. 725 AND INSTALLED PER SECT. 505
3. TAPER MEDIAN CURB FROM 6" TO 0"



**RAISED CROSSWALK DETAIL**  
SCALE: 1"=20'



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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

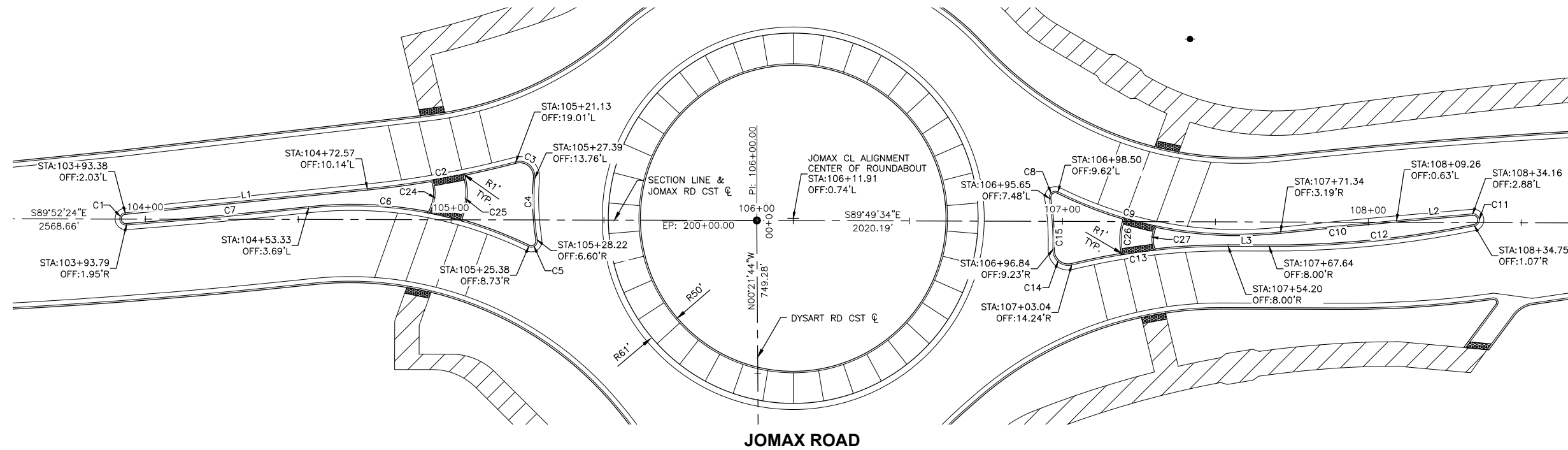
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



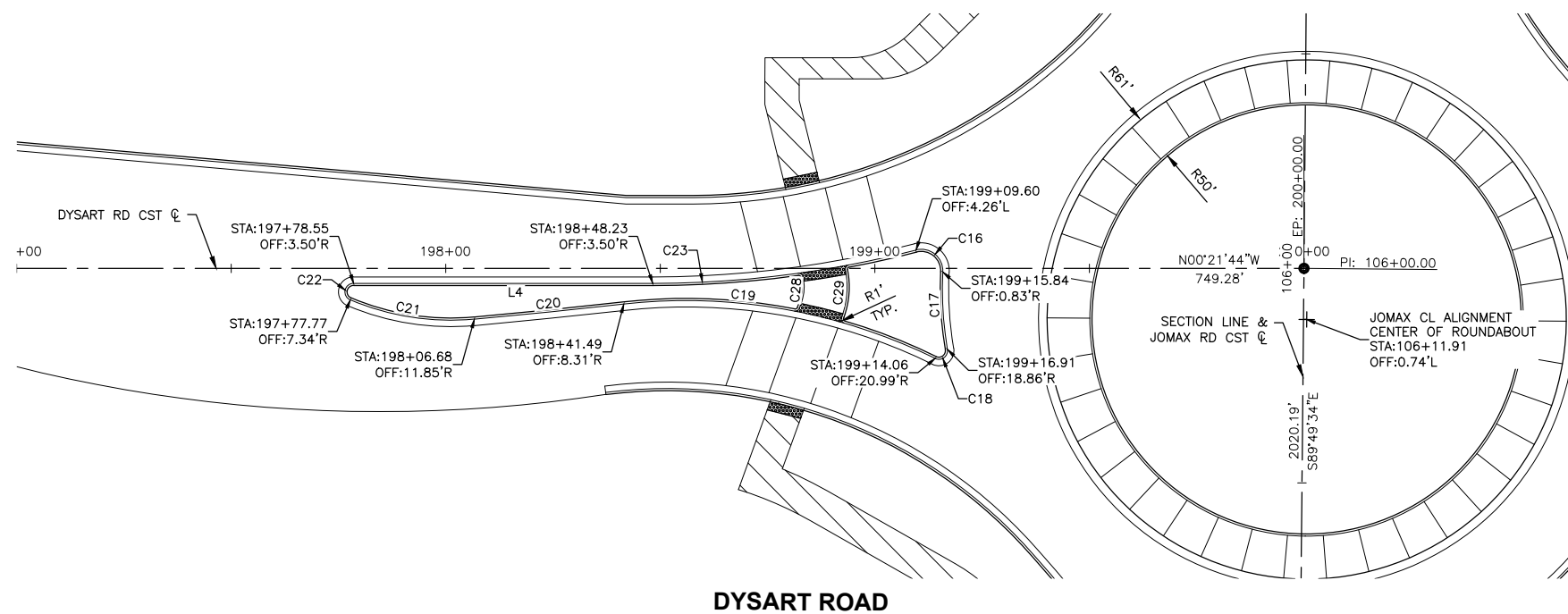
NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	05/26	<b>CITY OF PEORIA</b> <b>ENGINEERING DEPARTMENT</b>  <b>RAISED CROSSWALK DETAIL</b>	<b>PRELIMINARY</b>  <b>90%</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	TG	DATE	05/26		
CHECKED	DPF	DATE	05/26		
		<b>JOMAX RD - DYSART RD TO 126TH DR</b>		SHEET 15 OF 83	

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 5/8/2026 10:09:12 AM  
 Don Fromm



CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C1	S05°43'20"E	2.00'	6.28'	37068.75'
C2	N79°46'40"E	314.59'	49.42'	24.76'
C3	N49°55'01"W	5.00'	9.57'	7.09'
C4	S02°12'20"E	82.50'	20.43'	10.27'
C5	N53°22'26"E	2.00'	4.38'	3.87'
C6	N80°05'28"W	131.50'	74.08'	38.05'
C7	N84°42'41"E	1820.50'	59.81'	29.91'
C8	S53°22'03"W	2.00'	4.41'	3.94'
C9	S79°50'59"E	131.50'	74.97'	38.53'
C10	S84°25'02"W	1820.50'	38.11'	19.06'
C11	N08°17'56"W	2.00'	6.05'	34.52'
C12	N84°16'46"E	328.50'	67.59'	33.91'
C13	S83°13'10"W	212.82'	51.66'	25.96'
C14	S50°54'40"E	5.00'	9.22'	6.59'
C15	N03°55'02"W	82.50'	16.79'	8.42'
C16	S38°51'59"W	5.00'	9.36'	6.79'
C17	N86°13'44"E	82.50'	18.09'	9.08'
C18	N37°07'09"W	2.00'	4.39'	3.91'
C19	S09°32'56"W	131.50'	74.67'	38.37'
C20	N06°10'05"W	1820.50'	34.99'	17.49'
C21	N08°29'46"E	60.00'	29.56'	15.09'
C22	S78°52'34"E	2.00'	5.48'	9.84'
C23	N07°34'15"W	246.50'	62.03'	31.18'
C24	N02°55'48"E	10.00'	5.83'	3.00'
C25	N03°41'43"E	20.00'	11.13'	5.71'
C26	S03°12'08"W	20.00'	10.04'	5.13'
C27	S03°22'13"W	10.00'	5.89'	3.03'
C28	N87°21'29"W	10.00'	5.89'	3.03'
C29	N86°10'03"W	20.00'	10.94'	5.61'



LINE TABLE		
NO.	BEARING	LENGTH
L1	N84°16'40"E	79.60'
L3	S89°49'34"E	13.44'
L2	S85°01'01"W	25.00'
L4	N00°21'44"W	69.68'

NOTE: ALL CURVE AND LINE DATA MEASURED FROM FACE OF CURB

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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	05/26
DRAWN	TG	DATE	05/26
CHECKED	DPF	DATE	05/26

**T/Lin**

DRAWING NO. DT06 LOCATION JOMAX RD - DYSART RD TO 126TH DR

**CITY OF PEORIA ENGINEERING DEPARTMENT**

**MEDIAN CONTROL DETAIL**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

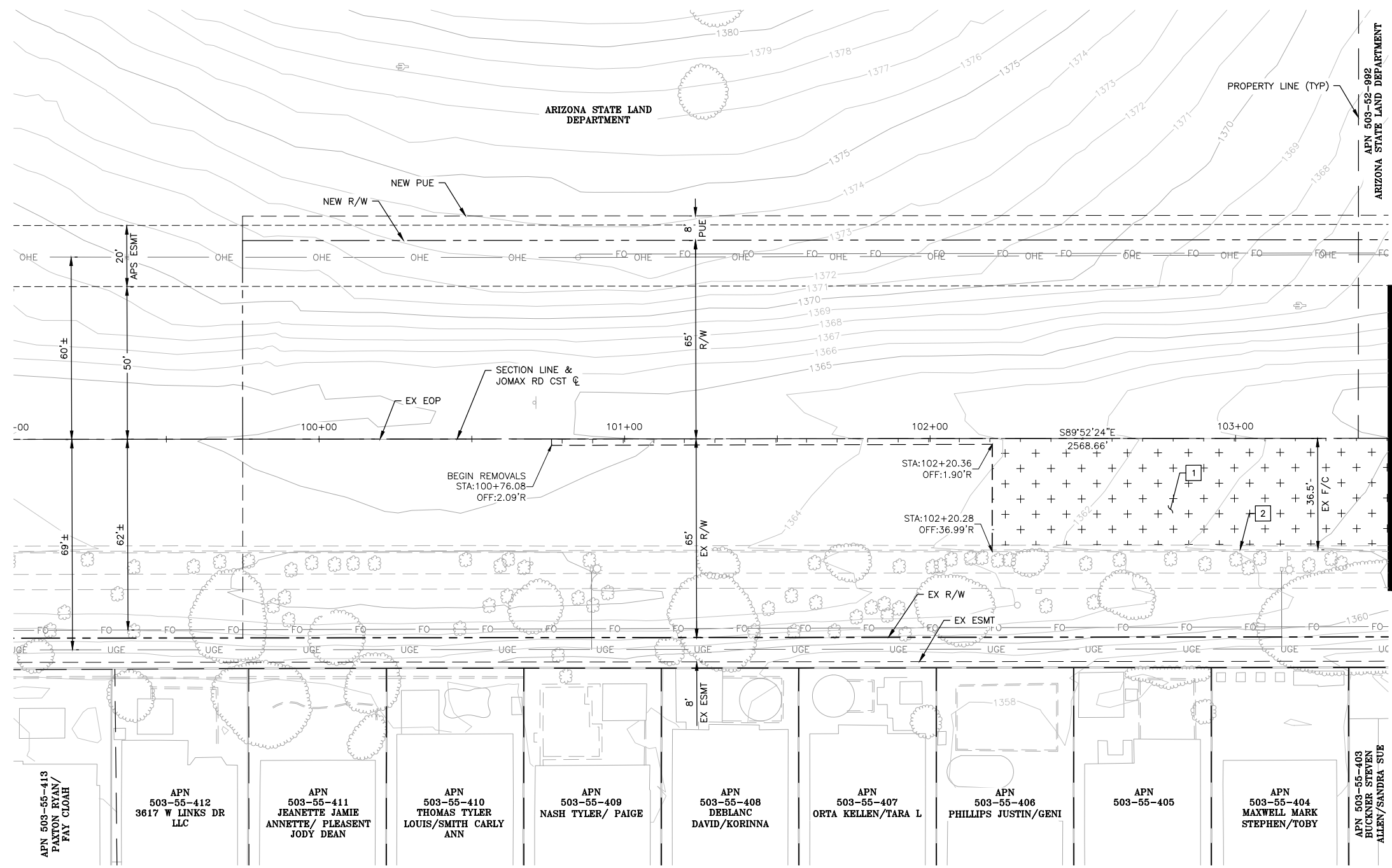
SHEET 16 OF 83

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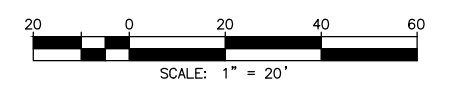
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**REMOVAL / RELOCATE NOTES**

1	REMOVE EXISTING PAVEMENT	535	SY
2	REMOVE EXISTING CURB AND GUTTER	130	LF



MATCH LINE STA 103+50  
SEE SHEET 18



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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

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In Maricopa County: (602) 263-1100



**JOMAX ROAD**

NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**REMOVALS**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

**TMLin**

DRAWING NO. R01 LOCATION **JOMAX RD - DYSART RD TO 126TH DR**

SHEET 17 OF 83

TY Lin Half Scale.ctb  
Don Fromm  
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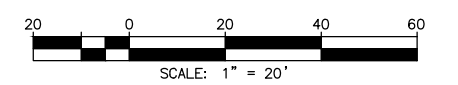
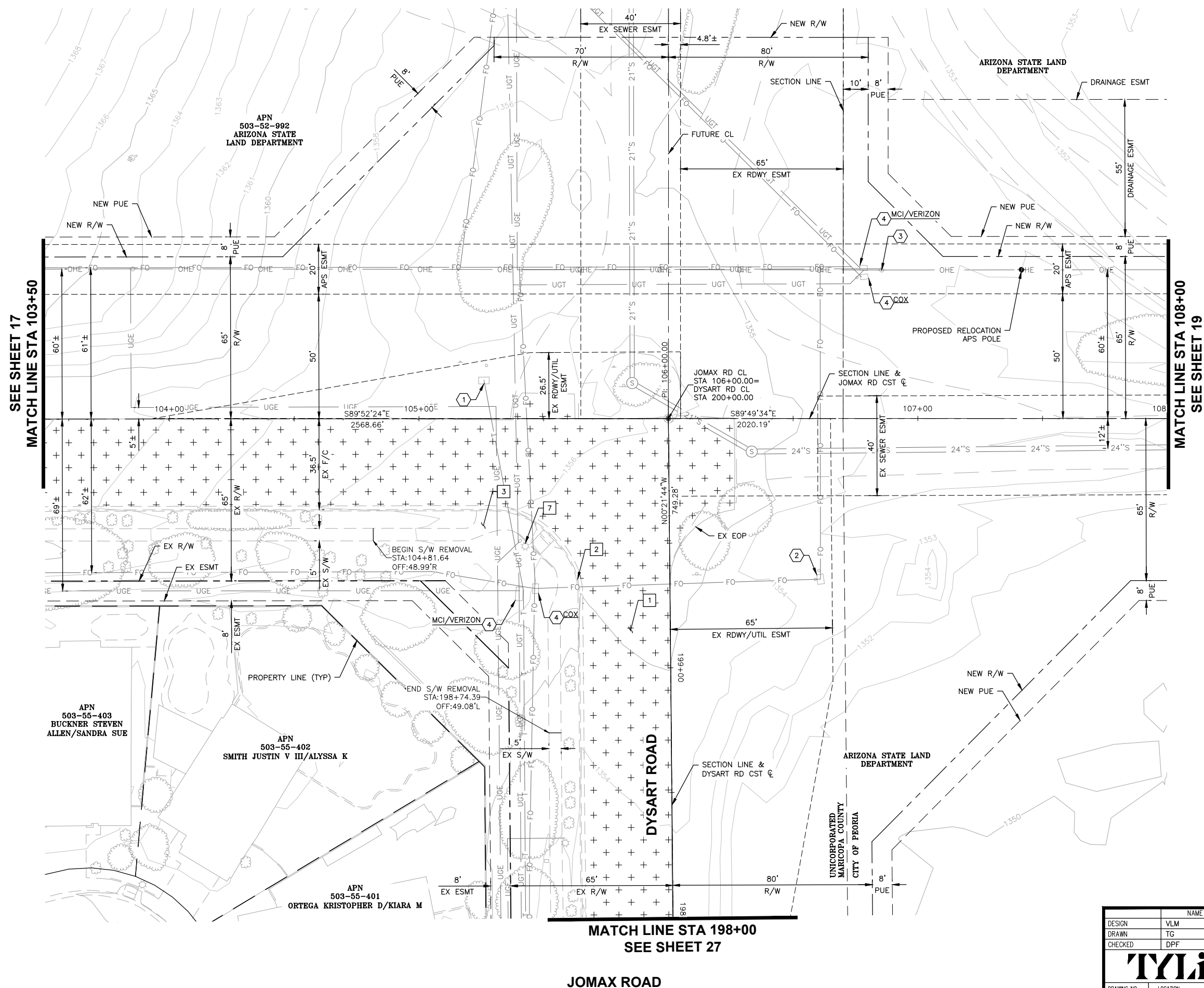
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**REMOVAL / RELOCATE NOTES**

1	REMOVE EXISTING PAVEMENT	1,803	SY
2	REMOVE EXISTING CURB AND GUTTER	363	LF
3	REMOVE CONCRETE SIDEWALK	929	SF
7	REMOVE EXISTING STREET LIGHT	1	EA

**REMOVAL / RELOCATE BY OTHERS**

1	REMOVE AND RELOCATE HANDHOLE - CENTURY LINK	1	EA
2	REMOVE AND RELOCATE HANDHOLE - COX	1	EA
3	REMOVE AND RELOCATE POWER POLE - APS	1	EA
4	ADJUST HANDHOLE TO FINISHED GRADE	3	EA



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In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

NAME	DATE
DESIGN: VLM	05/26
DRAWN: TG	05/26
CHECKED: DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**REMOVALS**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 18 OF 83

**TLin**

DRAWING NO. R02 LOCATION JOMAX RD - DYSART RD TO 126TH DR

SEE SHEET 17  
MATCH LINE STA 103+50

MATCH LINE STA 108+00  
SEE SHEET 19

MATCH LINE STA 198+00  
SEE SHEET 27

JOMAX ROAD

DYSART ROAD

APN 503-52-992  
ARIZONA STATE LAND DEPARTMENT

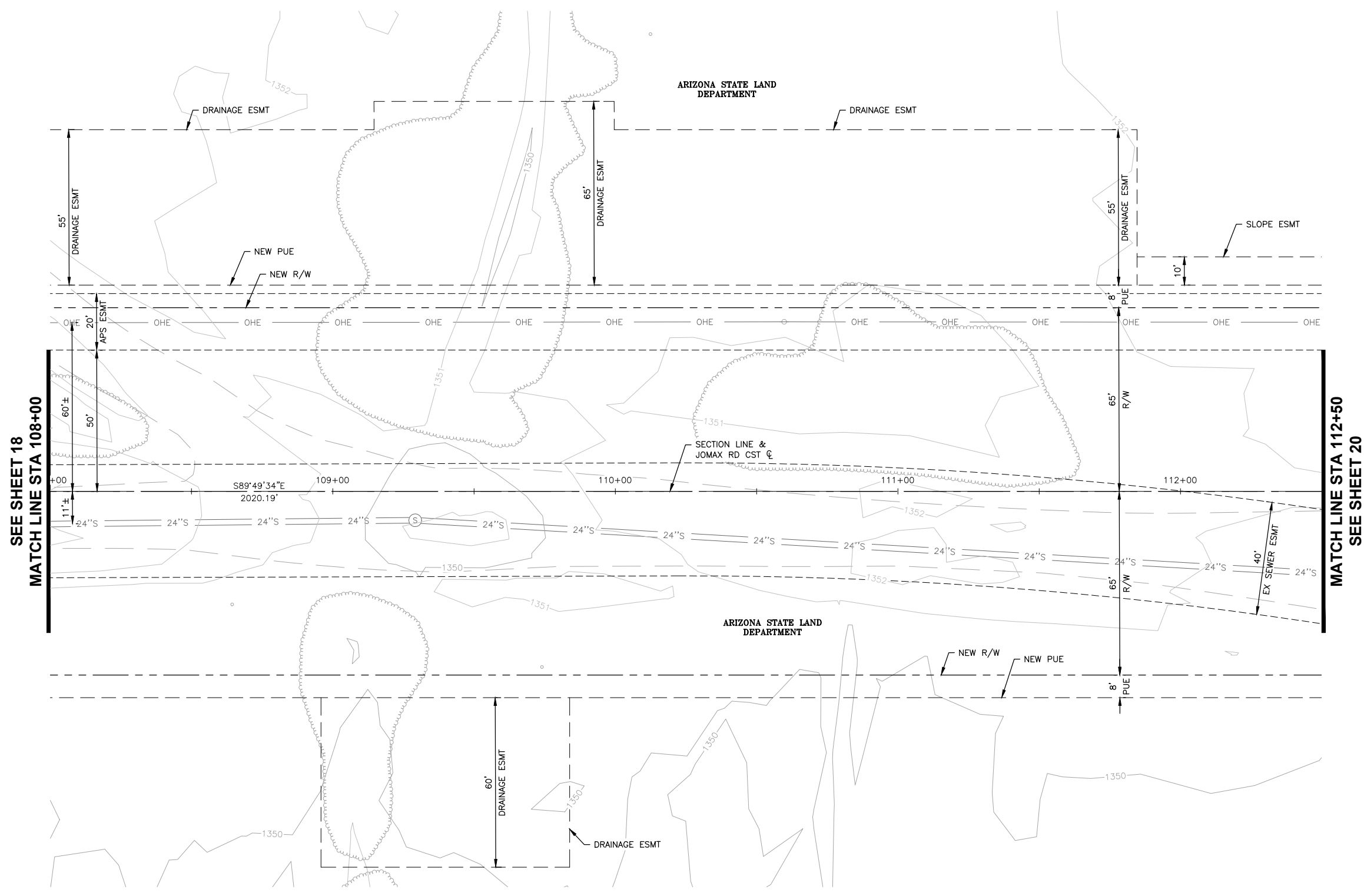
APN 503-55-403  
BUCKNER STEVEN ALLEN/SANDRA SUE

APN 503-55-402  
SMITH JUSTIN V III/ALYSSA K

APN 503-55-401  
ORTEGA KRISTOPHER D/KIARA M

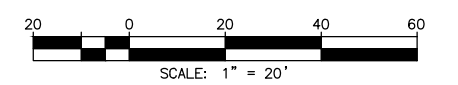
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



SEE SHEET 18  
MATCH LINE STA 108+00

MATCH LINE STA 112+50  
SEE SHEET 20



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

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In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

	NAME	DATE
DESIGN	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**REMOVALS**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

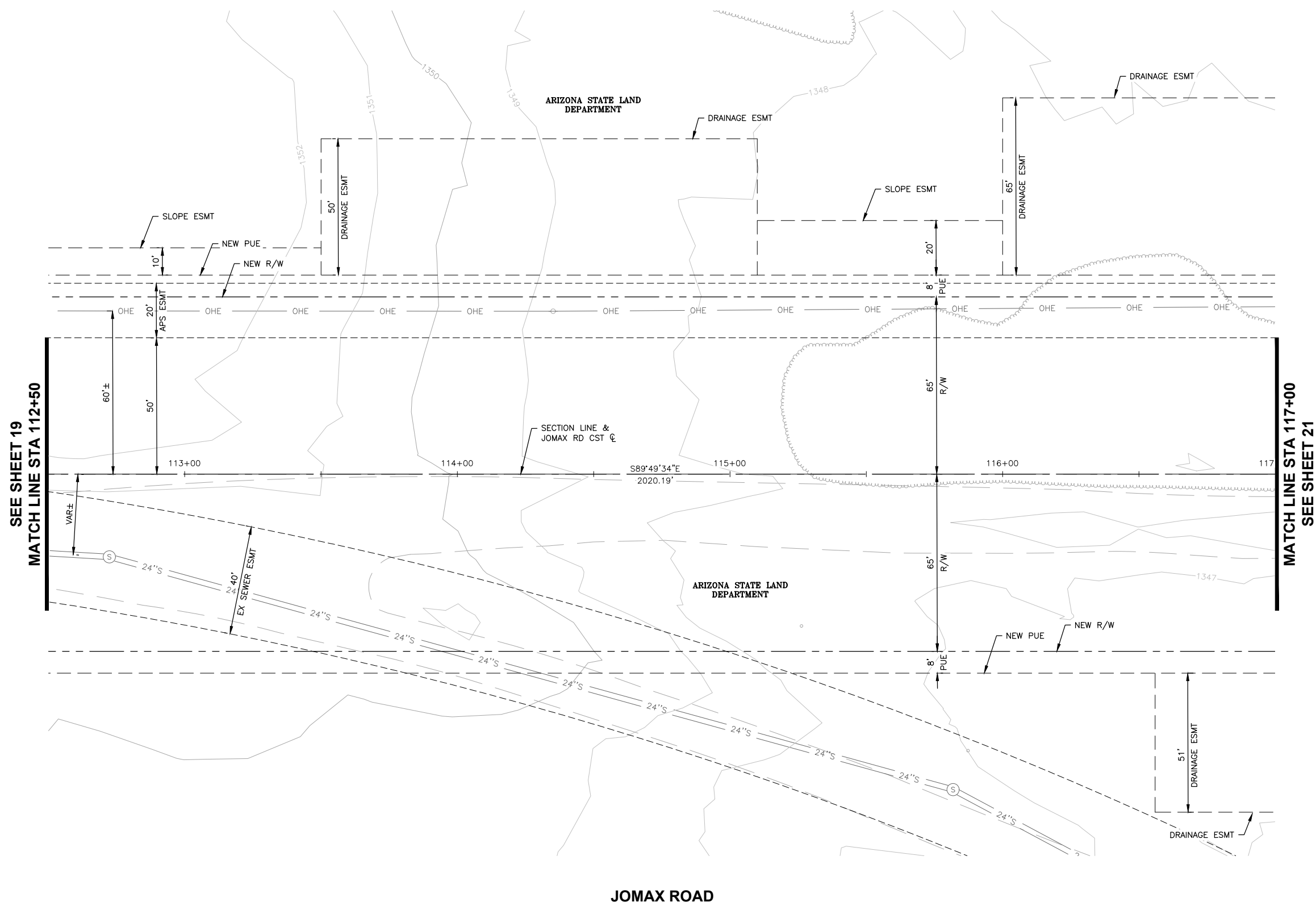
DRAWING NO. R03 LOCATION **JOMAX RD - DYSART RD TO 126TH DR**

SHEET 19 OF 83



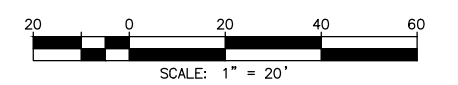
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



SEE SHEET 19  
MATCH LINE STA 112+50

MATCH LINE STA 117+00  
SEE SHEET 21



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

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NO.	REVISION	BY	APPR	DATE

	NAME	DATE
DESIGN	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

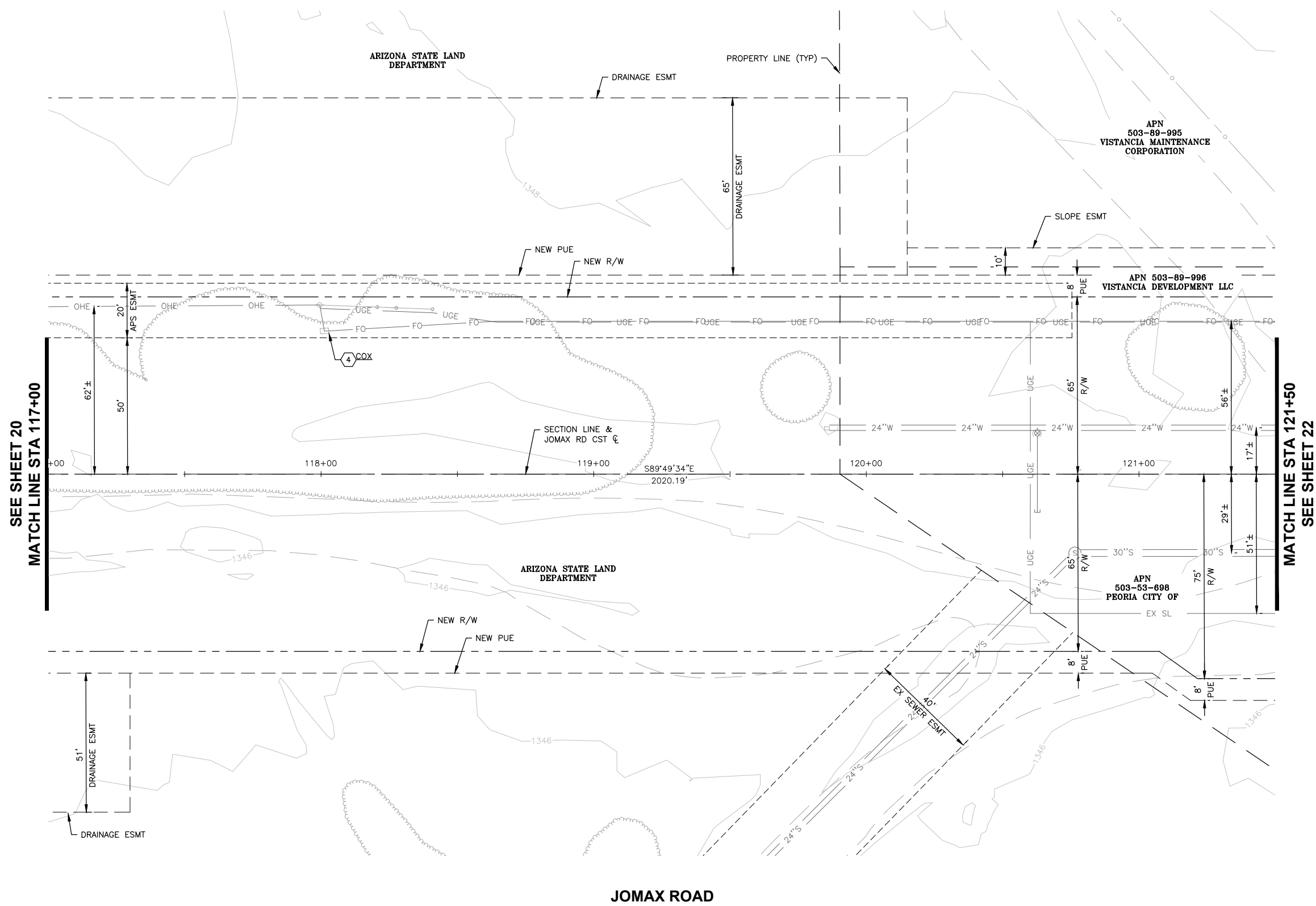
**REMOVALS**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 20 OF 83

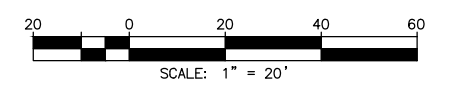
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



**REMOVAL / RELOCATE BY OTHERS**

4	ADJUST HANDHOLE TO FINISHED GRADE	1	EA
---	-----------------------------------	---	----



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 In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

	NAME	DATE
DESIGN	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

<b>CITY OF PEORIA</b> ENGINEERING DEPARTMENT	PRELIMINARY
	90%
<b>REMOVALS</b>	NOT FOR CONSTRUCTION OR RECORDING
DRAWING NO. R05      LOCATION JOMAX RD - DYSART RD TO 126TH DR	SHEET 21 OF 83

SEE SHEET 20  
MATCH LINE STA 117+00

MATCH LINE STA 121+50  
SEE SHEET 22

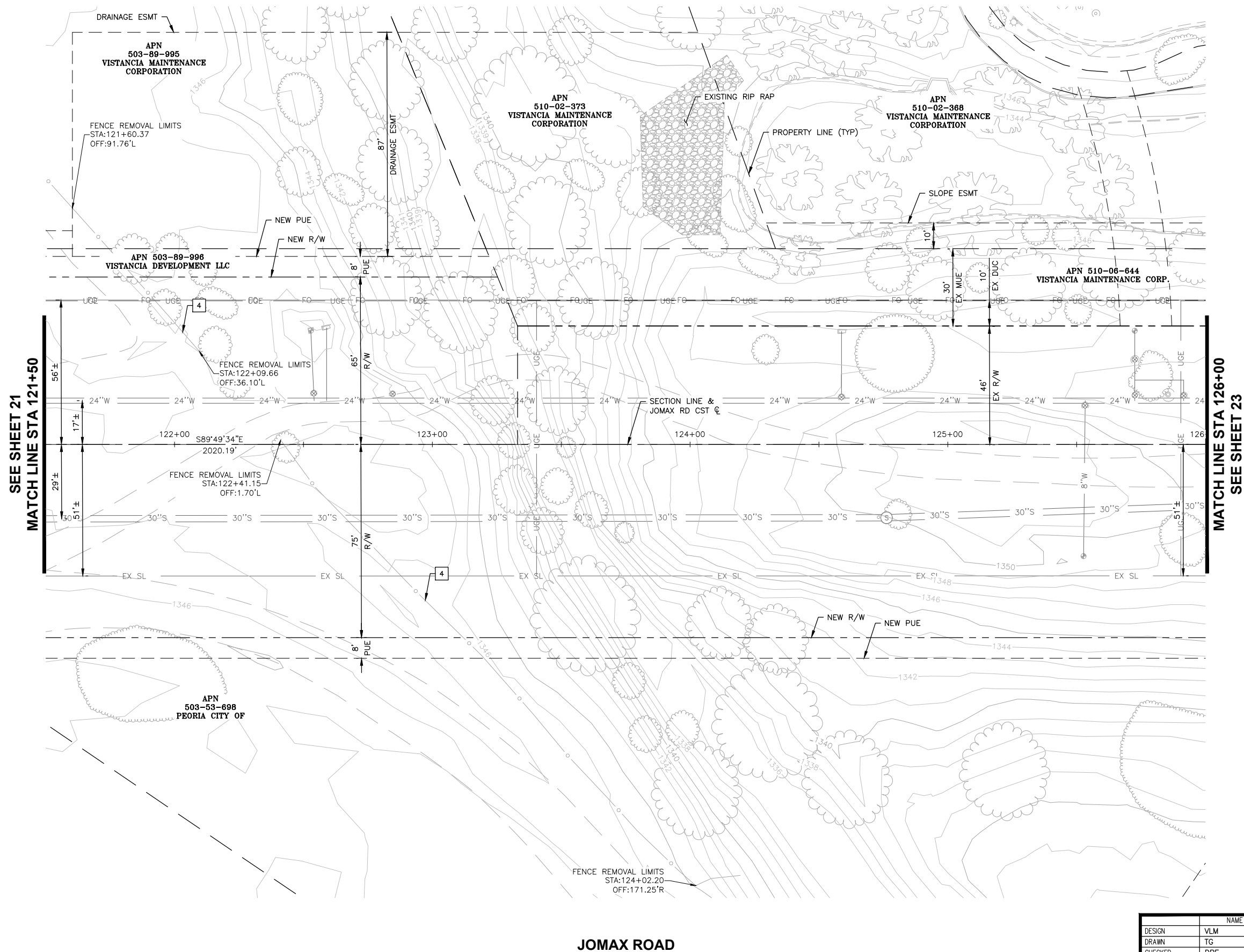
JOMAX ROAD

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

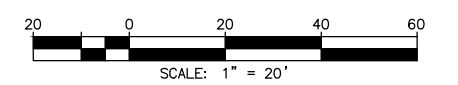
**REMOVAL / RELOCATE NOTES**

4	REMOVE EXISTING FENCE	329	LF
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SEE SHEET 21  
MATCH LINE STA 121+50

MATCH LINE STA 126+00  
SEE SHEET 23



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

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NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**REMOVALS**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

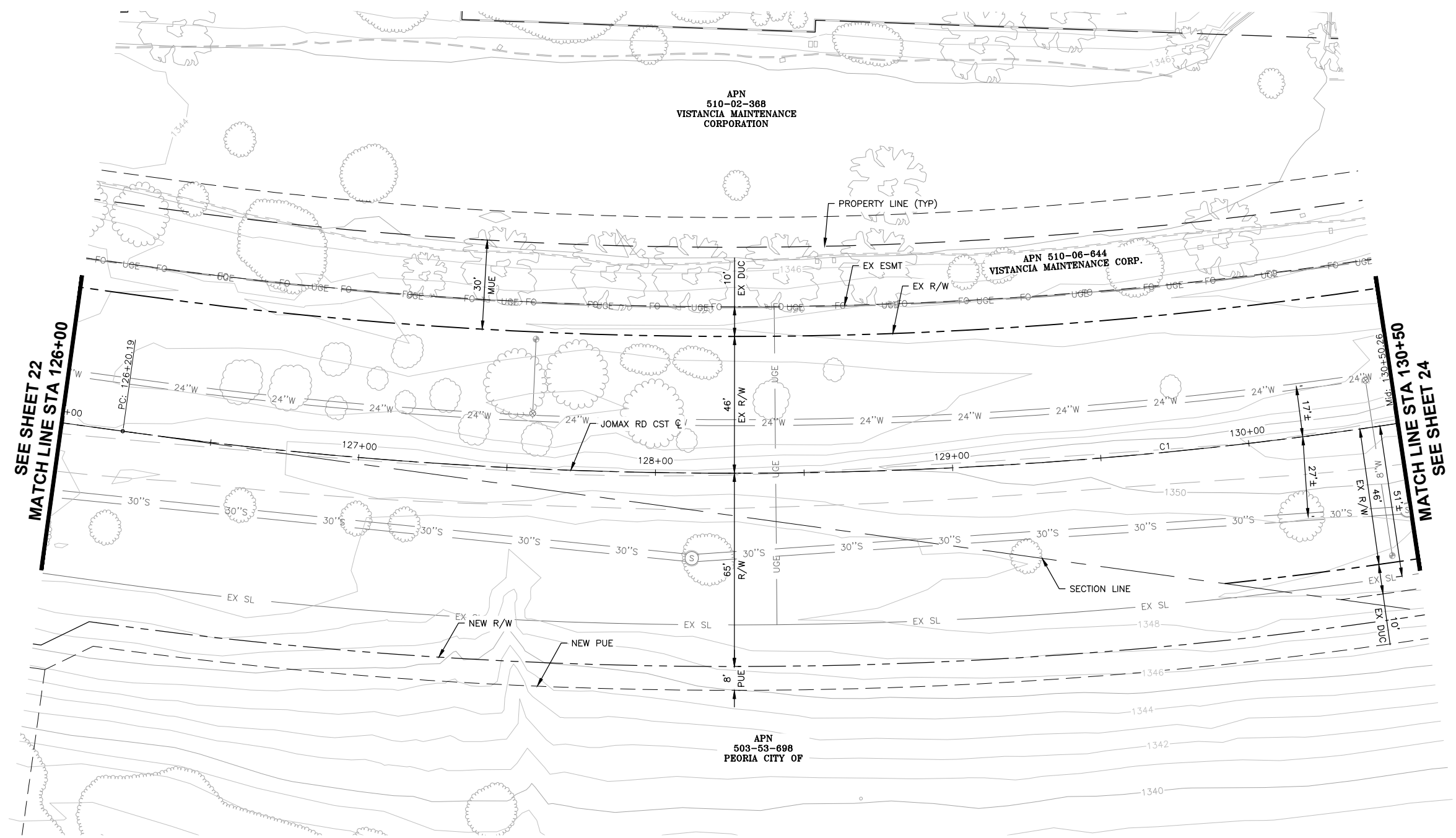
DRAWING NO. R06 LOCATION **JOMAX RD - DYSART RD TO 126TH DR**

SHEET 22 OF 83

**JOMAX ROAD**

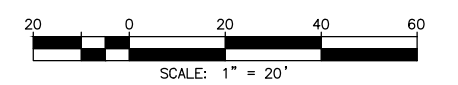
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



SEE SHEET 22  
MATCH LINE STA 126+00

MATCH LINE STA 130+50  
SEE SHEET 24



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

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In Maricopa County: (602) 263-1100



**JOMAX ROAD**

CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C1	N73°44'47"E	1500.00'	860.13'	442.25'

DESIGN	NAME	DATE
VLM		05/26
TG		05/26
DPF		05/26

**T Lin**

DRAWING NO. R07 LOCATION JOMAX RD - DYSART RD TO 126TH DR

NO.	REVISION	BY	APPR	DATE

**CITY OF PEORIA  
ENGINEERING DEPARTMENT**

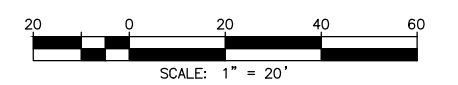
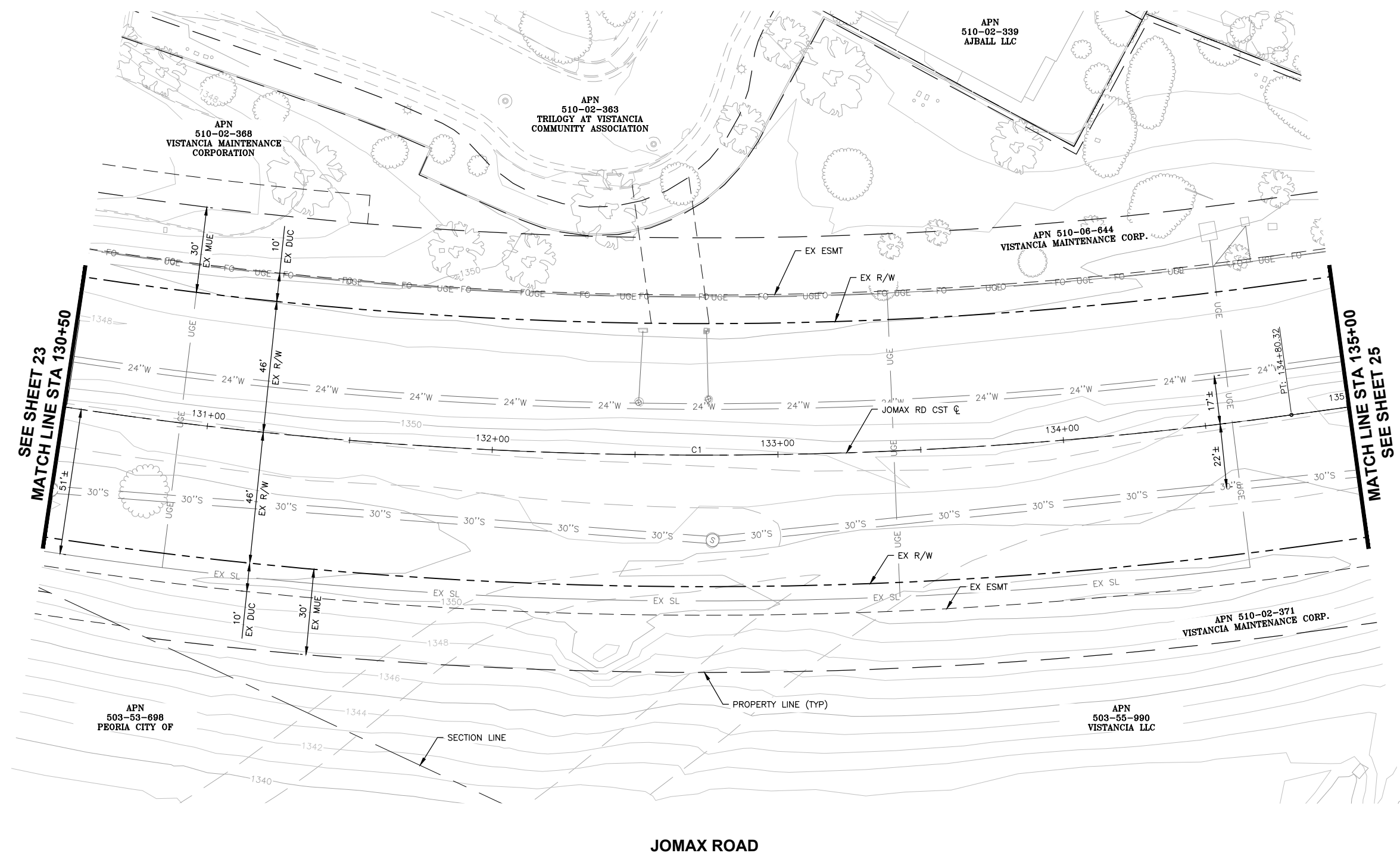
**REMOVALS**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 23 OF 83

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



Call at least two full working days before you begin excavation.  
**ARIZONA 811**  
 Arizona Blue Stake, Inc.  
 Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
 In Maricopa County: (602) 263-1100



CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C1	N73°44'47"E	1500.00'	860.13'	442.25'

DESIGN	NAME	DATE
DRAWN	VLM	05/26
CHECKED	DPF	05/26

**T Lin**

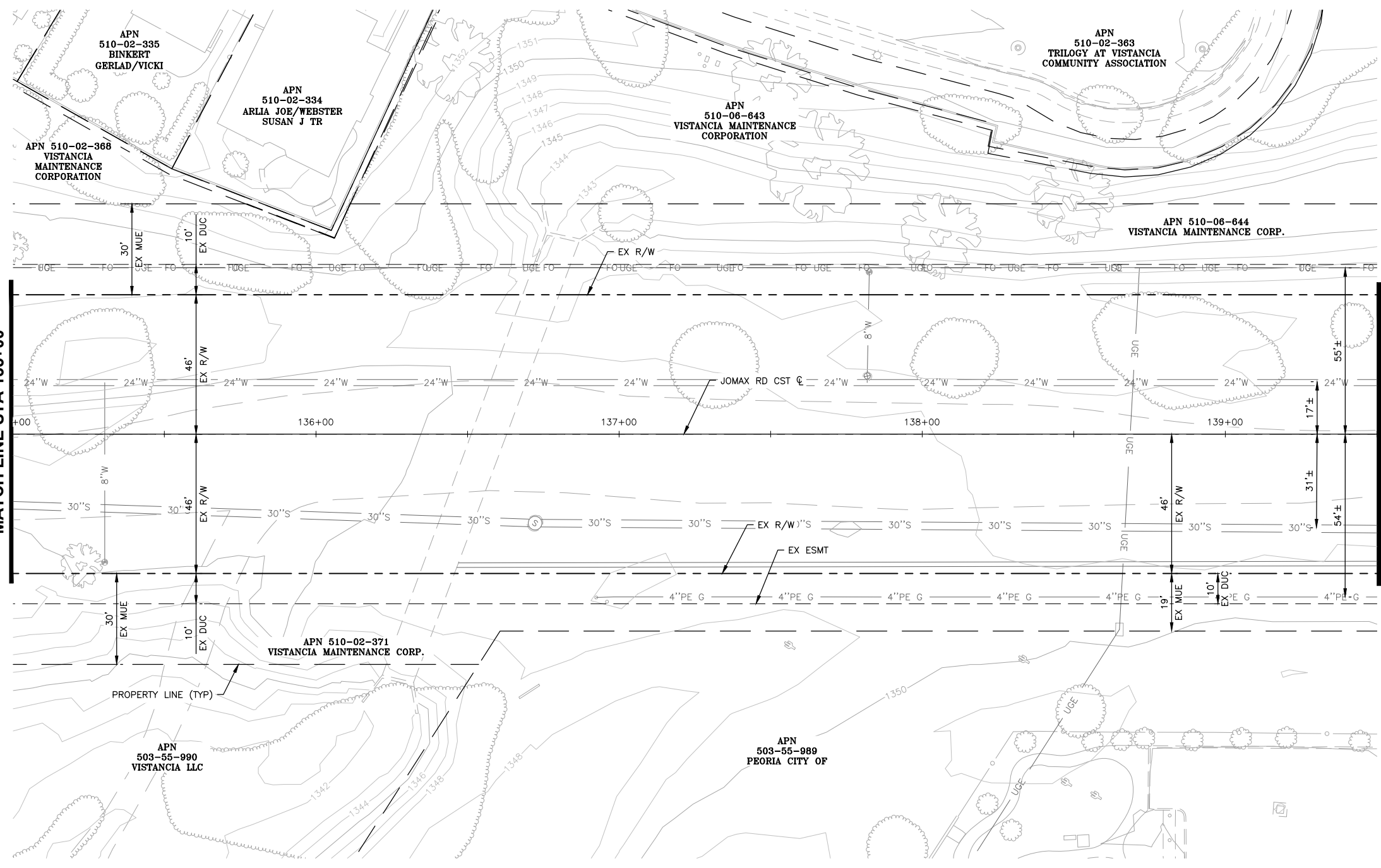
DRAWING NO. RO8 LOCATION JOMAX RD - DYSART RD TO 126TH DR

NO.	REVISION	BY	APPR	DATE

<b>CITY OF PEORIA</b> <b>ENGINEERING DEPARTMENT</b>	<b>PRELIMINARY</b> <b>90%</b>
	NOT FOR CONSTRUCTION OR RECORDING
<b>REMOVALS</b>	SHEET 24 OF 83

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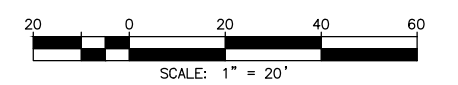
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



SEE SHEET 24  
MATCH LINE STA 135+00

MATCH LINE STA 139+50  
SEE SHEET 26

**JOMAX ROAD**



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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
**ENGINEERING DEPARTMENT**

**REMOVALS**

**PRELIMINARY**  
**90%**

NOT FOR CONSTRUCTION OR RECORDING

**TMLin**

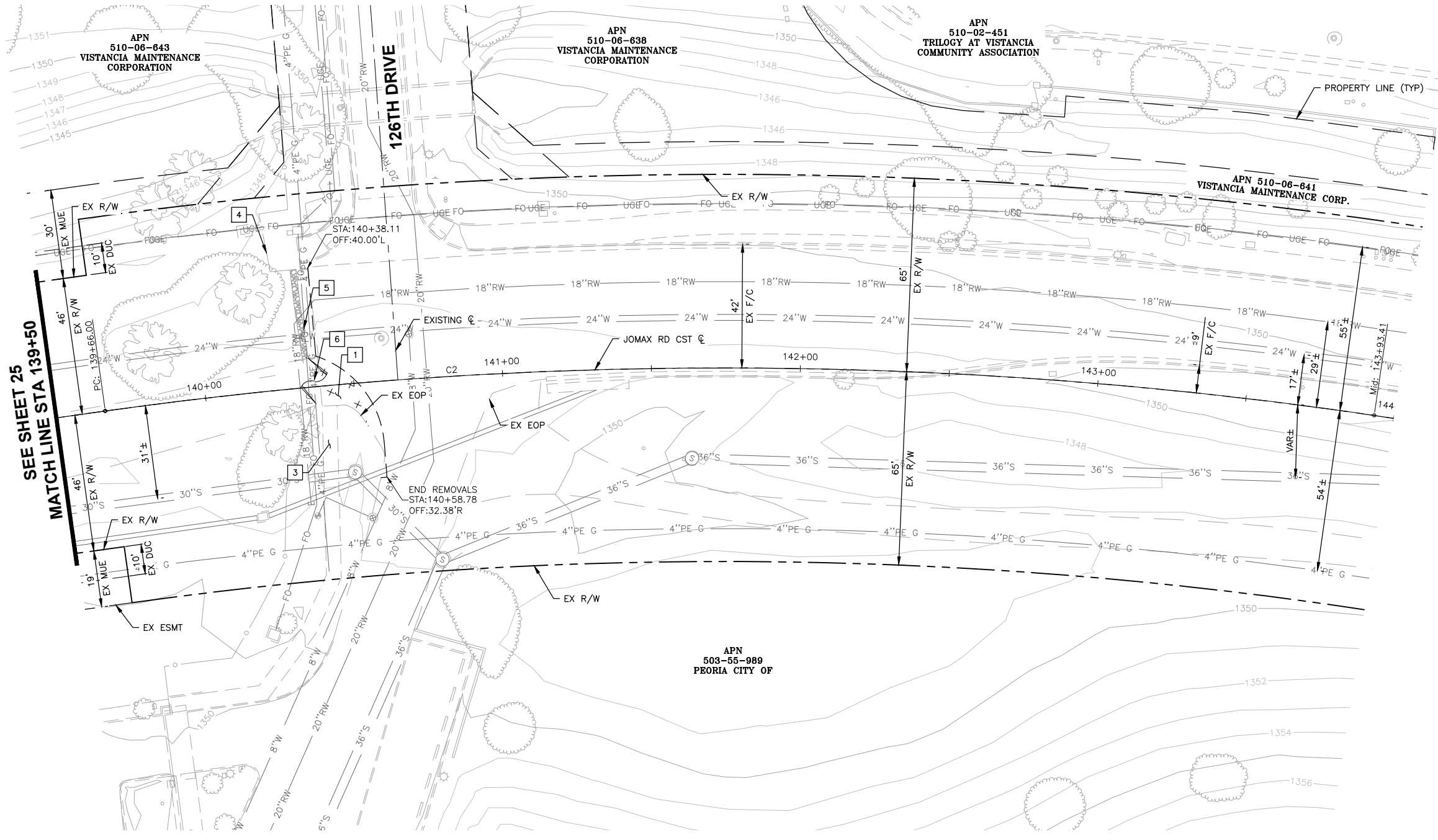
DRAWING NO. R09 LOCATION **JOMAX RD - DYSART RD TO 126TH DR**

SHEET 25 OF 83

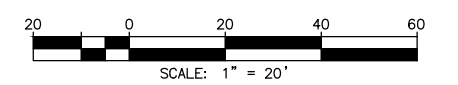
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**REMOVAL / RELOCATE NOTES**

1	REMOVE EXISTING PAVEMENT	28	SY
3	REMOVE CONCRETE SIDEWALK	74	SF
4	REMOVE EXISTING FENCE	10	LF
5	REMOVE & SALVAGE EXISTING GABIONS	30	LF
6	REMOVE & SALVAGE EXISTING GATE	1	EA



SEE SHEET 25  
MATCH LINE STA 139+50



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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

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In Maricopa County: (602) 263-1100



**JOMAX ROAD**

CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C2	N73°38'42"E	1500.00'	854.82'	439.37'

NAME	DATE
DESIGN VLM	05/26
DRAWN TG	05/26
CHECKED DPF	05/26

**TMLin**

DRAWING NO. R10 LOCATION

NO.	REVISION	BY	APPR	DATE

**CITY OF PEORIA  
ENGINEERING DEPARTMENT**

**REMOVALS**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 26 OF 83

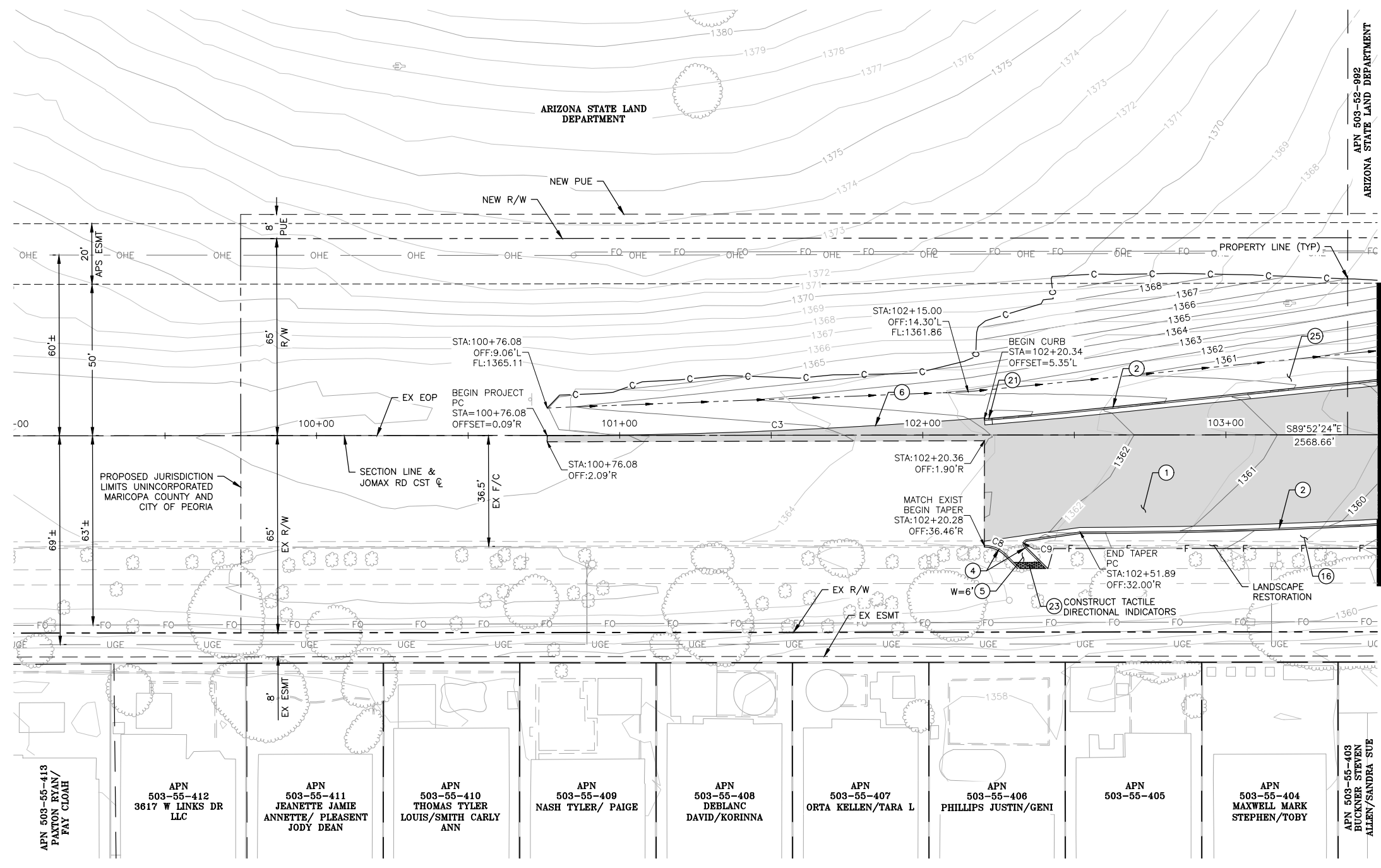
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**CONSTRUCTION NOTES**

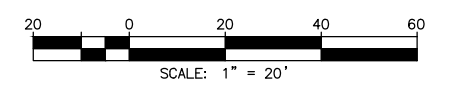
NO.	DESCRIPTION	QTY	UNITS
①	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	637	SY
②	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	260	LF
④	CONSTRUCT SINGLE CURB PER MAG STD DET 220, TYPE A, H=6"	28	LF
⑤	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	51	SF
⑥	CONSTRUCT ASPHALT PAVEMENT EDGE PER MAG STD DET 201, TYPE A	144	LF
⑬	DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. SIZE AND COLOR TO MATCH EXISTING	669	SF
⑰	CONSTRUCT CURB TERMINATION PER MAG DET 222	2.5	LF
⑳	CONSTRUCT DETECTABLE WARNING SURFACE PER MAG STD DET 234	17	SF
㉕	3/4" DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. COLOR TO BE DETERMINED	7,097	SF



MATCH LINE STA 103+50  
SEE SHEET 30

NO.	DELTA	RADIUS	LENGTH	TANGENT
C3	N87°49'51"E	1808.55'	144.39'	72.23'
C8	N67°25'56"W	10.00'	7.87'	4.15'
C9	S18°33'42"W	1.50'	3.32'	3.00'

NOTE: ALL CURVE AND LINE DATE TO FACE OF CURB OR EDGE OF PAVEMENT



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NO.	REVISION	BY	APPR	DATE

- APN 503-55-413  
PAXTON RYAN/  
FAY CLOAH
- APN 503-55-412  
3617 W LINKS DR  
LLC
- APN 503-55-411  
JEANETTE JAMIE  
ANNETTE/ PLEASANT  
JODY DEAN
- APN 503-55-410  
THOMAS TYLER  
LOUIS/SMITH CARLY  
ANN
- APN 503-55-409  
NASH TYLER/ PAIGE
- APN 503-55-408  
DEBLANC  
DAVID/KORINNA
- APN 503-55-407  
ORTA KELLEN/TARA L
- APN 503-55-406  
PHILLIPS JUSTIN/GENI
- APN 503-55-405
- APN 503-55-404  
MAXWELL MARK  
STEPHEN/TOBY
- APN 503-55-403  
BUCKNER STEVEN  
ALLEN/SANDRA SUE

**JOMAX ROAD**

DESIGN	NAME	DATE
DRAWN	VLM	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA  
ENGINEERING DEPARTMENT**

**PAVING PLAN**

**JOMAX RD - DYSART RD TO 126TH DR**

PRELIMINARY  
**90%**  
NOT FOR  
CONSTRUCTION  
OR RECORDING

SHEET 28 OF 83

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**CONSTRUCTION NOTES**

NO.	DESCRIPTION	QTY	UNITS
1	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	2,936	SY
2	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	1,058	LF
3	CONSTRUCT ROLL CURB AND GUTTER PER MAG STD DET 220, TYPE D, H=3.5"	1,177	LF
4	CONSTRUCT SINGLE CURB PER MAG STD DET 222, TYPE A, H=6"	394	LF
5	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	5,866	SF
6	CONSTRUCT ASPHALT PAVEMENT EDGE PER MAG STD DET 201, TYPE 'A'	38	LF
7	INSTALL SURVEY MONUMENT, PER MAG DET 120-1, TYPE 'A'	1	EA
8	ADJUST MANHOLE FRAME & COVER TO FINISH GRADE PER CITY OF PEORIA DET 422	2	EA
9	ADJUST WATER VALVE & COVER TO GRADE, PER COP PE-270 & MAG DET 391-1	2	EA
11	CONSTRUCT CURB TRANSITION TYPE 'A' TO TYPE 'C' PER MAG STD DET 221	10	LF
12	CONSTRUCT 9" THICK CLASS 'A' CONCRETE	3,487	SF
15	CONSTRUCT 4" THICK CLASS 'B' CONCRETE MEDIAN	2,637	SF
16	DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. SIZE AND COLOR TO MATCH EXISTING	5,894	SF
19	CONSTRUCT ROLL CURB AND GUTTER PER MAG STD DET 220, TYPE C, H=4"	30	LF
20	CONSTRUCT MID-BLOCK RAISED CROSSWALK PER DETAIL ON SHEET 15	3,444	SF
22	GRAVEL MULCH, THICKNESS=3"	636	SF
23	CONSTRUCT DETECTABLE WARNING SURFACE PER MAG STD DET 234	223	SF
25	3/4" DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. COLOR TO BE DETERMINED	37,644	SF

**STORM DRAIN CONSTRUCTION NOTES**

1	CONSTRUCT CONCRETE SCUPPER, MAG STD DET 206-1, 206-2, 206-3	3	EA
2	CONSTRUCT DUMPED RIP RAP (D <sub>50</sub> =6"), BED THICKNESS=1'	43	CY
3	CONCRETE SCUPPER SPILLWAY, MAG STD DET 206	426	SF
5	CATCH BASIN PER MAG STD. DET. 542-2, TYPE I, L=10'	1	EA
6	FURNISH & INSTALL 18" RGRCP, CLASS III	291	LF
7	FURNISH & INSTALL REINFORCED CONCRETE PIPE END SECTION PER MAG STD. DET. 545	1	EA
8	INSTALL SAFETY RAIL, MAG STD DET 145	34	LF
12	INSTALL STORM DRAIN INLET MARKER, CITY OF PEORIA DET. PE 559-1 & 599-2	4	EA
18	INSTALL MAXWELL PLUS DRYWELL (RIM TO BE SET 0.3' ABOVE BASIN BOTTOM) DETAIL ON SHEET 68	1	EA

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**ARIZONA 811**  
Arizona Blue Stake, Inc.

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NO.	REVISION	BY	APPR	DATE

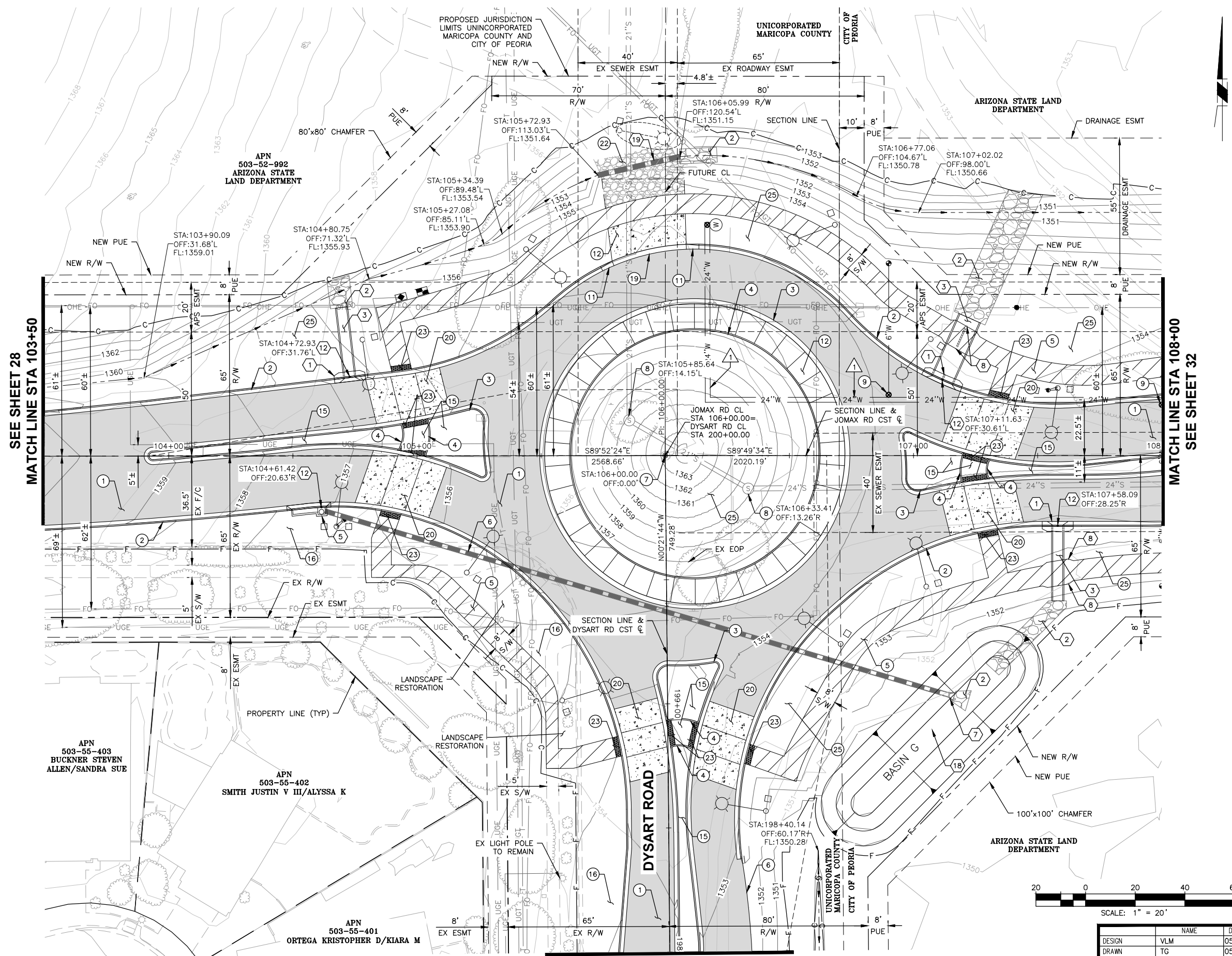
**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PRELIMINARY**  
90%

**PAVING PLAN**

NOT FOR CONSTRUCTION OR RECORDING

SHEET 30 OF 83



SEE SHEET 28  
MATCH LINE STA 103+50

MATCH LINE STA 108+00  
SEE SHEET 32

MATCH LINE STA 198+00  
SEE SHEET 48  
**JOMAX ROAD**

**REFERENCE NOTES**

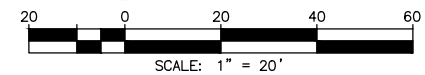
19	FURNISH & INSTALL 19"x30" HORIZONTAL ELLIPTICAL RGRCP, CLASS HE-IV PIPE	33	LF
1	SEE WATER MAIN PLANS PER CIP P65410		

**T Lin**

NAME	DATE
DESIGN: VLM	05/26
DRAWN: TG	05/26
CHECKED: DPF	05/26

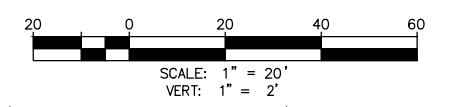
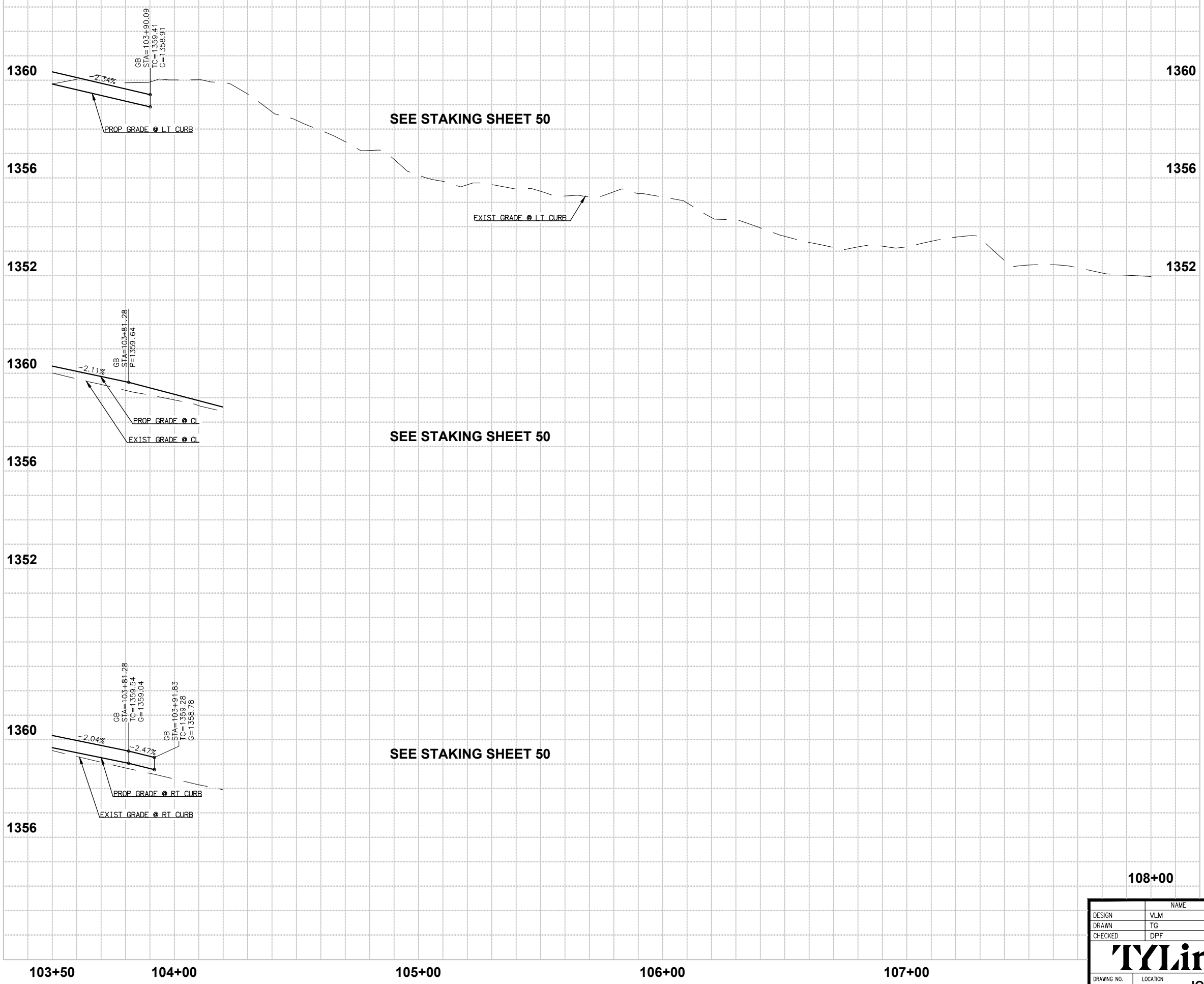
DRAWING NO. PL02 LOCATION: JOMAX RD - DYSART RD TO 126TH DR

SEE STAKING SHEET 50 (SK01) AND DETAIL SHEETS 15 & 16 (DT05 & DT06) FOR ADDITIONAL CONTROL INFORMATION



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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



Call at least two full working days before you begin excavation.  
**ARIZONA 811**  
 Arizona Blue Stake, Inc.  
 Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
 In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DRAWN	VLM	03/26
CHECKED	DPF	03/26

**T/Lin**

DRAWING NO. PR02 LOCATION JOMAX RD - DYSART RD TO 126TH DR

<b>CITY OF PEORIA ENGINEERING DEPARTMENT</b>		<b>PRELIMINARY</b> <b>90%</b> NOT FOR CONSTRUCTION OR RECORDING
<b>PAVING PROFILE</b>		
SHEET 31 OF 83		

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**CONSTRUCTION NOTES**

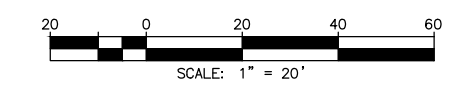
NO.	DESCRIPTION	QTY	UNITS
1	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	1,848	SY
2	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	845	LF
3	CONSTRUCT ROLL CURB AND GUTTER PER MAG STD DET 220, TYPE D, H=3.5"	193	LF
4	CONSTRUCT SINGLE CURB PER MAG STD DET 222, TYPE A, H=6"	71	LF
5	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	3,960	SF
8	ADJUST MANHOLE FRAME & COVER TO FINISH GRADE PER CITY OF PEORIA DET 422	1	EA
11	CONSTRUCT CURB TRANSITION TYPE 'A' TO TYPE 'C' PER MAG STD DET 221	10	LF
15	CONSTRUCT 4" THICK CLASS 'B' CONCRETE MEDIAN	155	SF
19	CONSTRUCT ROLL CURB AND GUTTER PER MAG STD DET 220, TYPE C, H=4"	20	LF
22	GRAVEL MULCH, THICKNESS=3"	1,089	SF
23	CONSTRUCT DETECTABLE WARNING SURFACE PER MAG STD DET 234	30	SF
24	CONSTRUCT SINGLE CURB PER MAG STD DET 220, TYPE B, H=6"	116	LF
25	3/4" DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. COLOR TO BE DETERMINED	32,624	SF

**STORM DRAIN CONSTRUCTION NOTES**

1	CONSTRUCT CONCRETE SCUPPER, MAG STD DET 206-1, 206-2, 206-3	1	EA
2	CONSTRUCT DUMPED RIP RAP (D <sub>50</sub> =6"), BED THICKNESS=1'	232	CY
3	CONCRETE SCUPPER SPILLWAY, MAG STD DET 206	91	SF
8	INSTALL SAFETY RAIL, MAG STD DET 145	90	LF
12	INSTALL STORM DRAIN INLET MARKER, CITY OF PEORIA DET. PE 559-1 & 599-2	1	EA
14	FURNISH & INSTALL 36" RGRCP, CLASS III	528	LF
16	CONSTRUCT MODIFIED HEADWALL PER MAG STD DET 501-1. HEADWALL WING DIMENSION L1 PER PLANS.	2	EA

**REFERENCE NOTES**

1	SEE WATER MAIN PLANS PER CIP P65410
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Call at least two full working days before you begin excavation.

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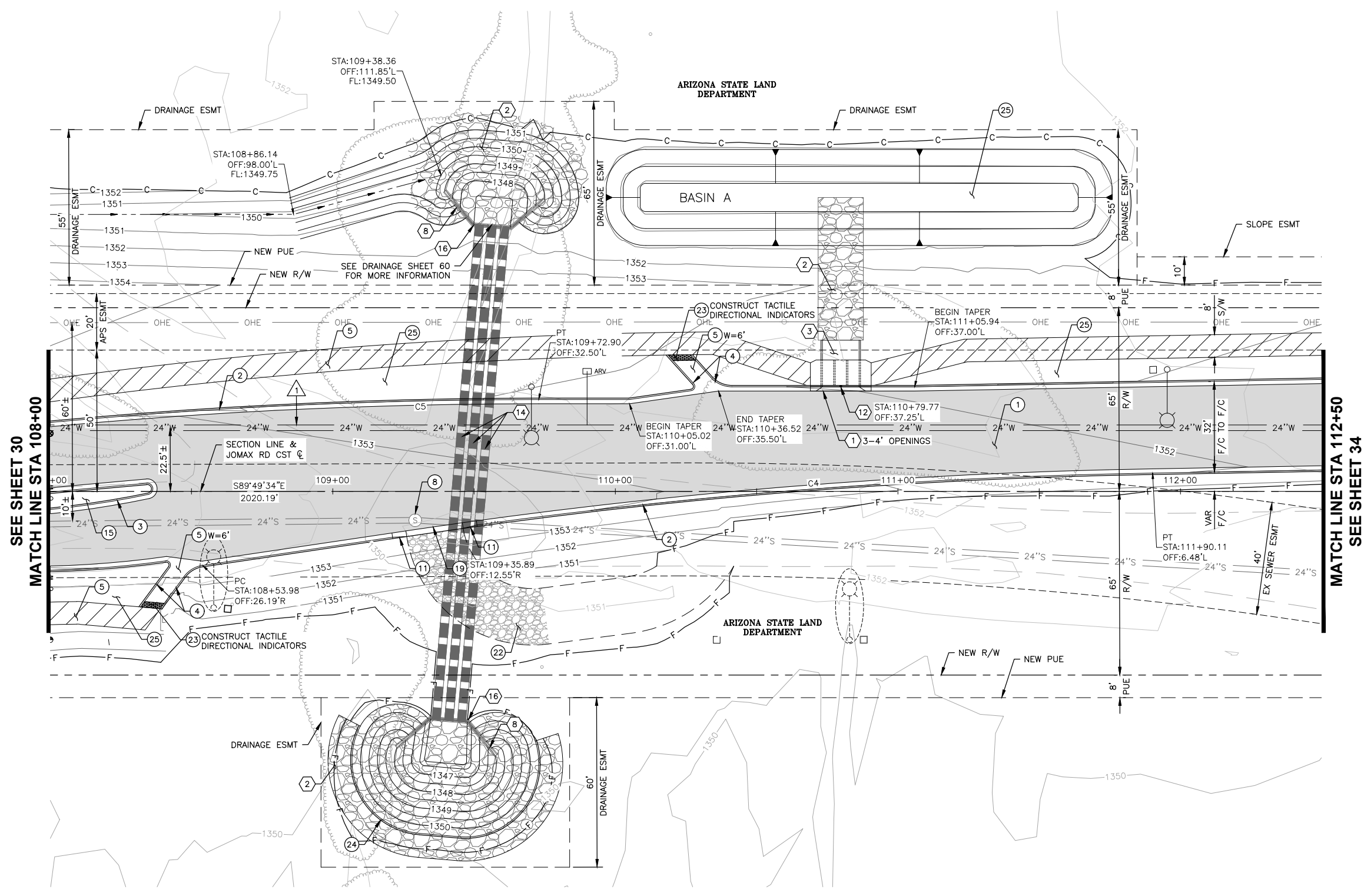
NO.	REVISION	BY	APPR	DATE

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PAVING PLAN**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 32 OF 83



**JOMAX ROAD**

NO.	DELTA	RADIUS	LENGTH	TANGENT
C4	N85°46'48"E	1998.50'	239.91'	120.10'
C5	S87°01'04"W	1845.00'	203.26'	101.74'

NOTE: ALL CURVE AND LINE DATE TO FACE OF CURB OR EDGE OF PAVEMENT

SEE STAKING SHEET 50 (SK01) FOR ADDITIONAL CONTROL INFORMATION

**T Lin**

NAME	DATE
DESIGN: VLM	05/26
DRAWN: TG	05/26
CHECKED: DPF	05/26

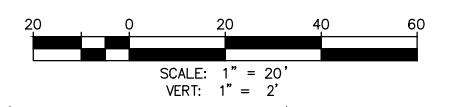
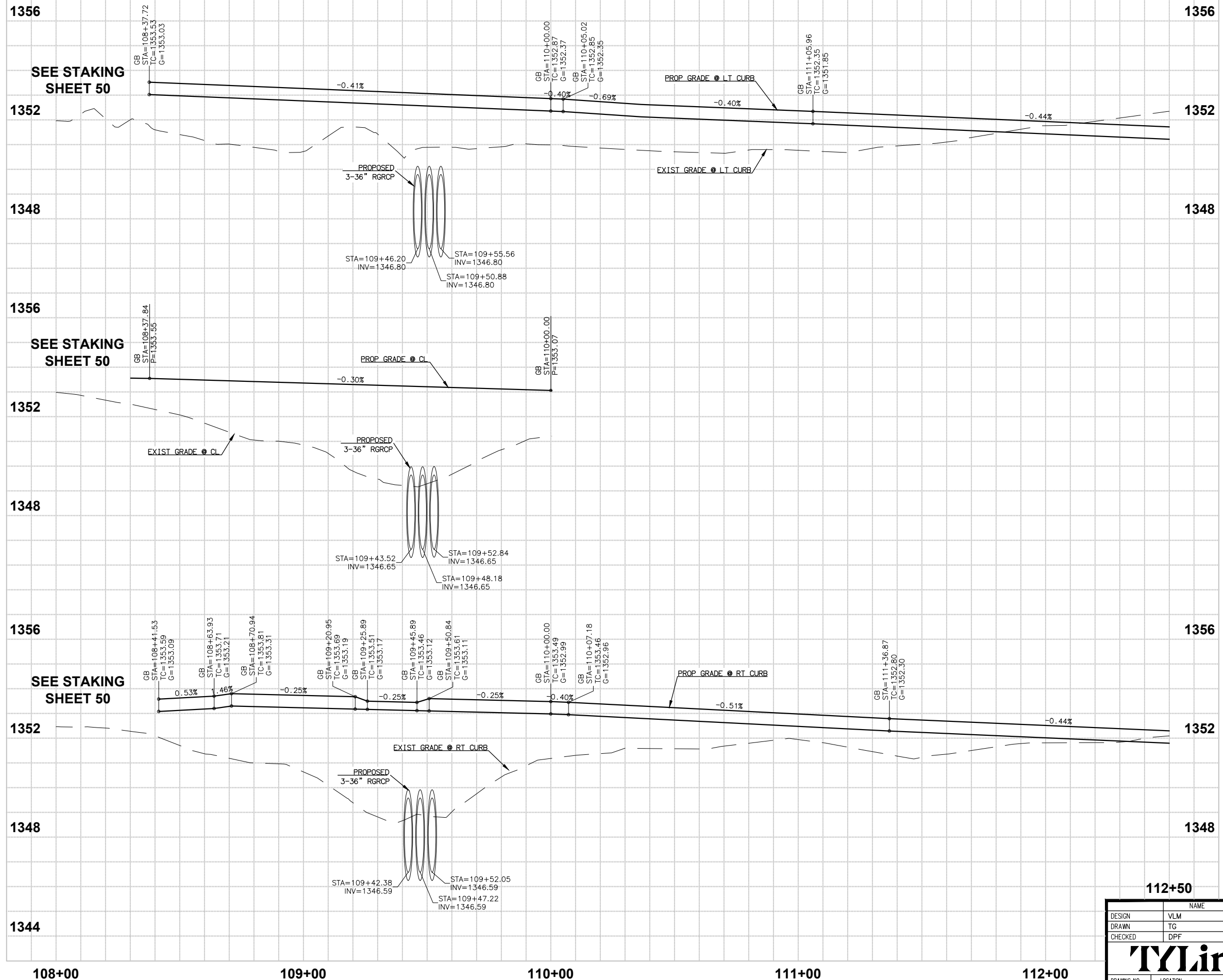
DRAWING NO. PL03 LOCATION: JOMAX RD - DYSART RD TO 126TH DR

SEE SHEET 30  
MATCH LINE STA 108+00

MATCH LINE STA 112+50  
SEE SHEET 34

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



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NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	03/26
DRAWN	TG	DATE	03/26
CHECKED	DPF	DATE	03/26
<b>TMLin</b>		LOCATION	
DRAWING NO.	PRO3	JOMAX RD - DYSART RD TO 126TH DR	

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PAVING PROFILE**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 33 OF 83

**112+50**

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**CONSTRUCTION NOTES**

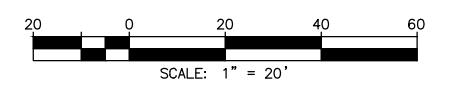
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1	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	1,451	SY
2	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	870	LF
5	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	3,517	SF
9	ADJUST WATER VALVE & COVER TO GRADE, PER COP PE-270 & MAG DET 391-1	1	EA
11	CONSTRUCT CURB TRANSITION TYPE 'A' TO TYPE 'C' PER MAG STD DET 221	10	LF
12	CONSTRUCT 9" THICK CLASS 'A' CONCRETE	160	SF
19	CONSTRUCT ROLL CURB AND GUTTER PER MAG STD DET 220, TYPE C, H=4"	20	LF
24	CONSTRUCT SINGLE CURB PER MAG STD DET 220, TYPE B, H=6"	40	LF
25	3/4" DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. COLOR TO BE DETERMINED	20,484	SF

**STORM DRAIN CONSTRUCTION NOTES**

1	CONSTRUCT CONCRETE SCUPPER, MAG STD DET 206-1, 206-2, 206-3	1	EA
2	CONSTRUCT DUMPED RIP RAP (D <sub>50</sub> =6"), BED THICKNESS=1'	123	CY
3	CONCRETE SCUPPER SPILLWAY, MAG STD DET 206	60	SF
8	INSTALL SAFETY RAIL, MAG STD DET 145	71	LF
12	INSTALL STORM DRAIN INLET MARKER, CITY OF PEORIA DET. PE 559-1 & 599-2	1	EA
15	FURNISH & INSTALL 30" RGRCP, CLASS III	363	LF
16	CONSTRUCT MODIFIED HEADWALL PER MAG STD DET 501-1. HEADWALL WING DIMENSION L1 PER PLANS.	2	EA

**REFERENCE NOTES**

1	SEE WATER MAIN PLANS PER CIP P65410
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NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

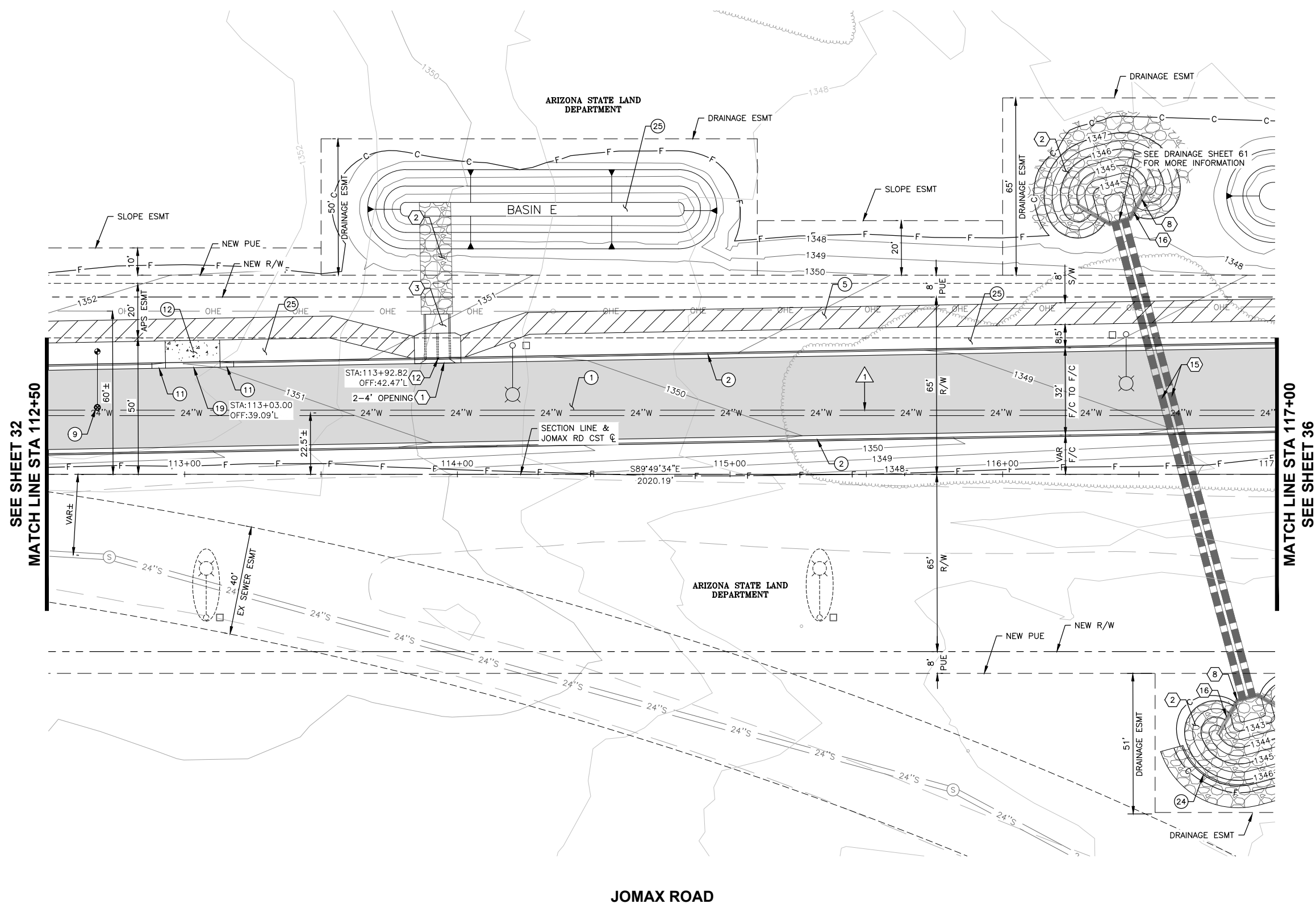
**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PAVING PLAN**

**JOMAX RD - DYSART RD TO 126TH DR**

PRELIMINARY  
**90%**  
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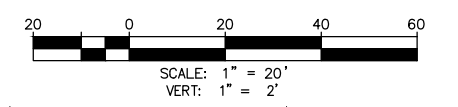
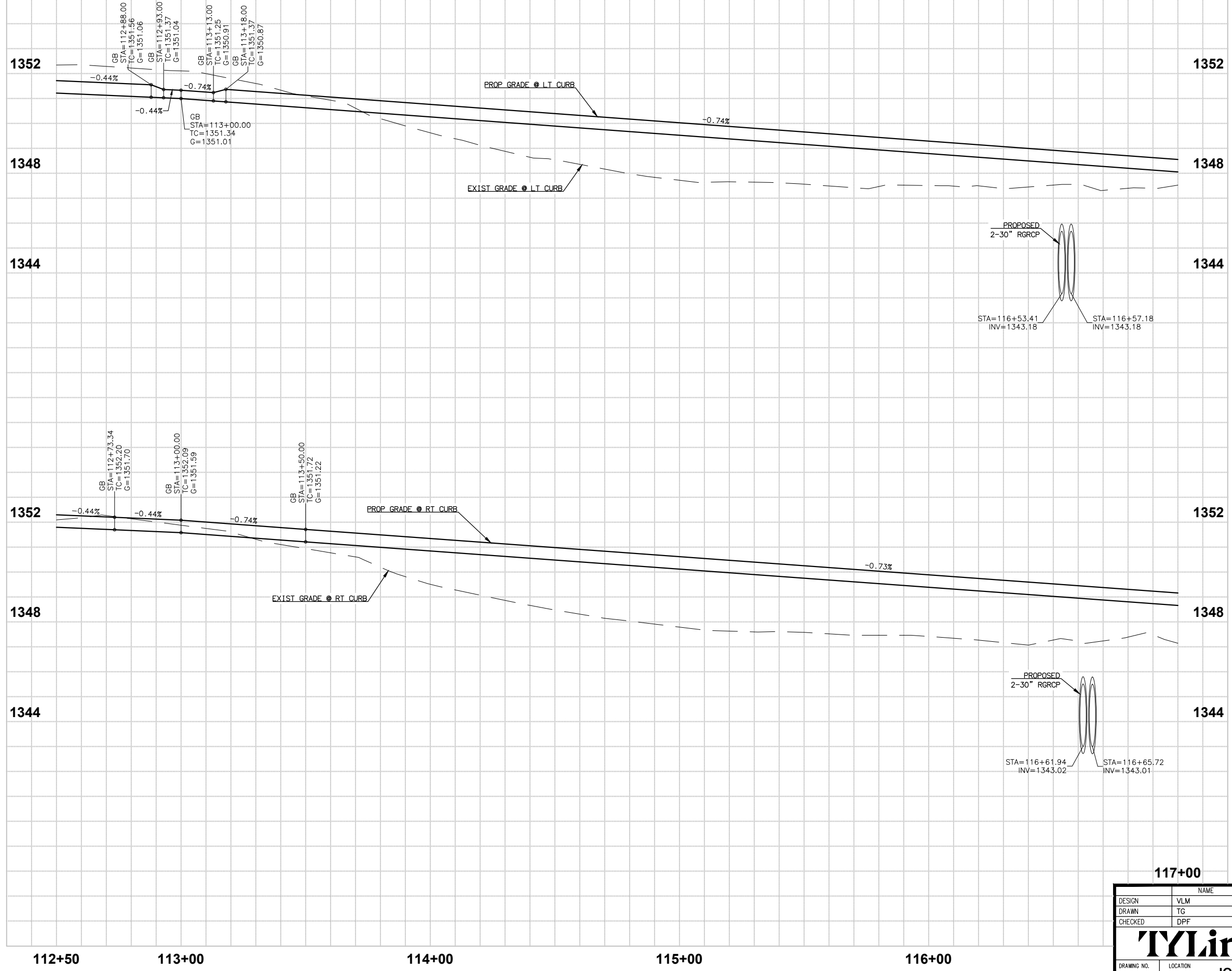
SHEET 34 OF 83



JOMAX ROAD



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NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	03/26
DRAWN	TG	DATE	03/26
CHECKED	DPF	DATE	03/26

**TyLin**

DRAWING NO. PR04      LOCATION JOMAX RD - DYSART RD TO 126TH DR

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PAVING PROFILE**

PRELIMINARY  
90%  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 35 OF 83

117+00

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**CONSTRUCTION NOTES**

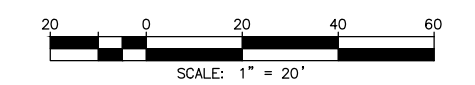
NO.	DESCRIPTION	QTY	UNITS
1	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	1,450	SY
2	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	900	LF
5	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	3,226	SF
9	ADJUST WATER VALVE & COVER TO GRADE, PER COP PE-270 & MAG DET 391-1	2	EA
11	CONSTRUCT CURB TRANSITION TYPE 'A' TO TYPE 'C' PER MAG STD DET 221	5	LF
24	CONSTRUCT SINGLE CURB PER MAG STD DET 220, TYPE B, H=6"	36	LF
25	3/4" DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. COLOR TO BE DETERMINED	25,195	SF

**STORM DRAIN CONSTRUCTION NOTES**

1	CONSTRUCT CONCRETE SCUPPER, MAG STD DET 206-1, 206-2, 206-3	1	EA
2	CONSTRUCT DUMPED RIP RAP (D <sub>50</sub> =6"), BED THICKNESS=1'	65	CY
3	CONCRETE SCUPPER SPILLWAY, MAG STD DET 206	123	SF
12	INSTALL STORM DRAIN INLET MARKER, CITY OF PEORIA DET. PE 559-1 & 599-2	1	EA

**REFERENCE NOTES**

1	SEE WATER MAIN PLANS PER CIP P65410
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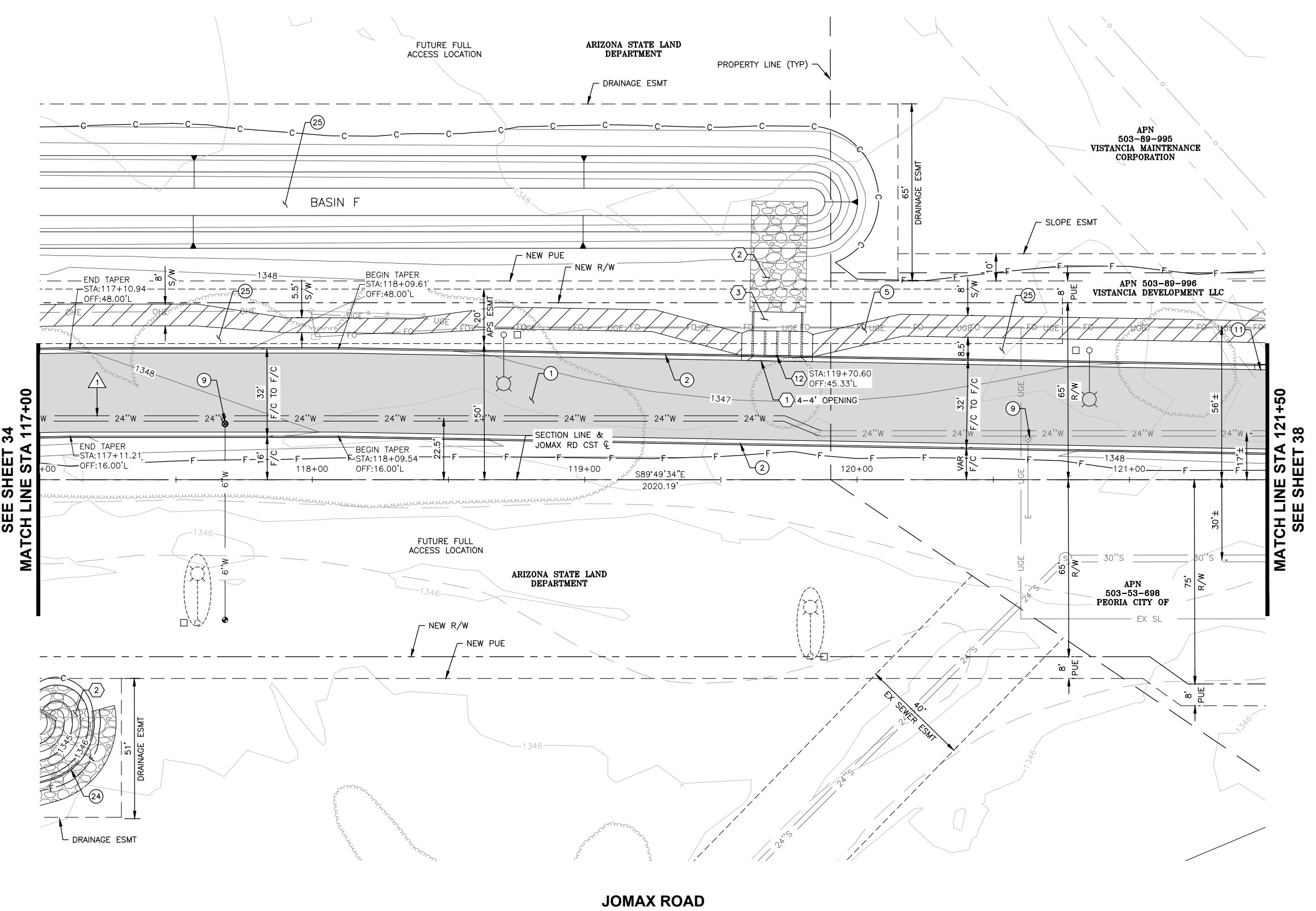
Call at least two full working days before you begin excavation.

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NO.	REVISION	BY	APPR	DATE



SEE SHEET 34  
MATCH LINE STA 117+00

MATCH LINE STA 121+50  
SEE SHEET 38

JOMAX ROAD

DESIGN	NAME	DATE
DESIGN	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PAVING PLAN**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

DRAWING NO. PL05 LOCATION JOMAX RD - DYSART RD TO 126TH DR SHEET 36 OF 83



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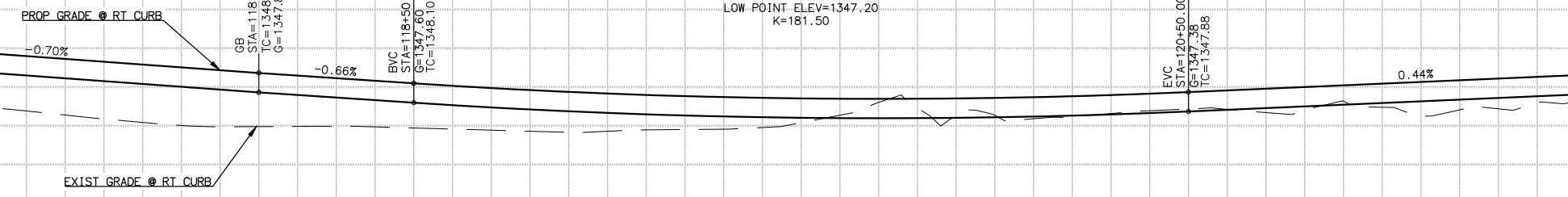
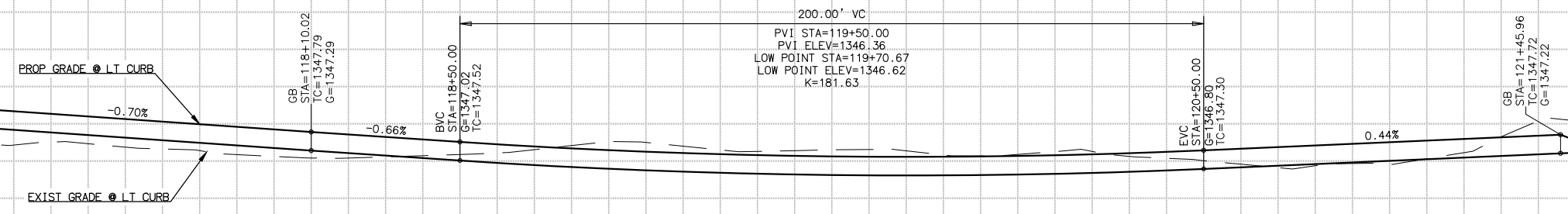
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117+00

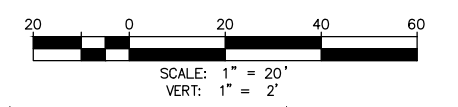
118+00

119+00

120+00

121+00

121+50



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NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DESIGN	VLM	03/26
DRAWN	TG	03/26
CHECKED	DPF	03/26

**T/Lin**

DRAWING NO. PRO5 LOCATION JOMAX RD - DYSART RD TO 126TH DR

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PAVING PROFILE**

PRELIMINARY  
90%  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 37 OF 83

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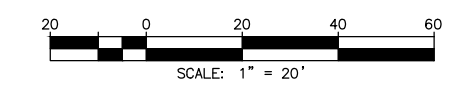
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**CONSTRUCTION NOTES**

NO.	DESCRIPTION	QTY	UNITS
1	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	1,450	SY
2	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	819	LF
3	CONSTRUCT ROLL CURB AND GUTTER PER MAG STD DET 220, TYPE D, H=3.5"	60	LF
5	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	3,354	SF
8	ADJUST MANHOLE FRAME & COVER TO FINISH GRADE PER CITY OF PEORIA DET 422	1	EA
9	ADJUST WATER VALVE & COVER TO GRADE, PER COP PE-270 & MAG DET 391-1	7	EA
10	ADJUST FIRE HYDRANT TO GRADE	2	EA
11	CONSTRUCT CURB TRANSITION TYPE 'A' TO TYPE 'C' PER MAG STD DET 221	15	LF
12	CONSTRUCT 9" THICK CLASS 'A' CONCRETE	538	SF
17	FENCE GATE, TYPE 2, SINGLE GATE (20' WIDE) PER ADOT STD DWG C-12.10	1	EA
18	FENCE GATE, TYPE 2, SINGLE GATE (16' WIDE) PER ADOT STD DWG C-12.10	1	EA
22	GRAVEL MULCH, THICKNESS=3"	627	SF
25	3/4" DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. COLOR TO BE DETERMINED	8,453	SF

**STORM DRAIN CONSTRUCTION NOTES**

2	CONSTRUCT DUMPED RIP RAP (D <sub>50</sub> =6"), BED THICKNESS=1'	379	CY
4	CONSTRUCT DUMPED RIP RAP (D <sub>50</sub> =12"), BED THICKNESS=2'	974	CY
8	INSTALL SAFETY RAIL, MAG STD DET 145	235	LF
9	CONSTRUCT BOX CULVERT INLET WINGS PER ADOT DWG NO. 6.08-8	1	EA
10	CONSTRUCT BOX CULVERT OUTLET WINGS PER ADOT DWG NO. 6.06-6	1	EA
11	CONSTRUCT SIX BARREL BOX CULVERT PER ADOT DWG NO. 6.06-1	195	LF
13	INSTALL BRIDGE CULVERT STRUCTURE IDENTIFICATION MARKER, PER COP DET PE-280-1 & 280-2	2	EA
17	CONSTRUCT DUMPED RIP RAP (D <sub>50</sub> =12"), BED THICKNESS=1.5'	643	CY



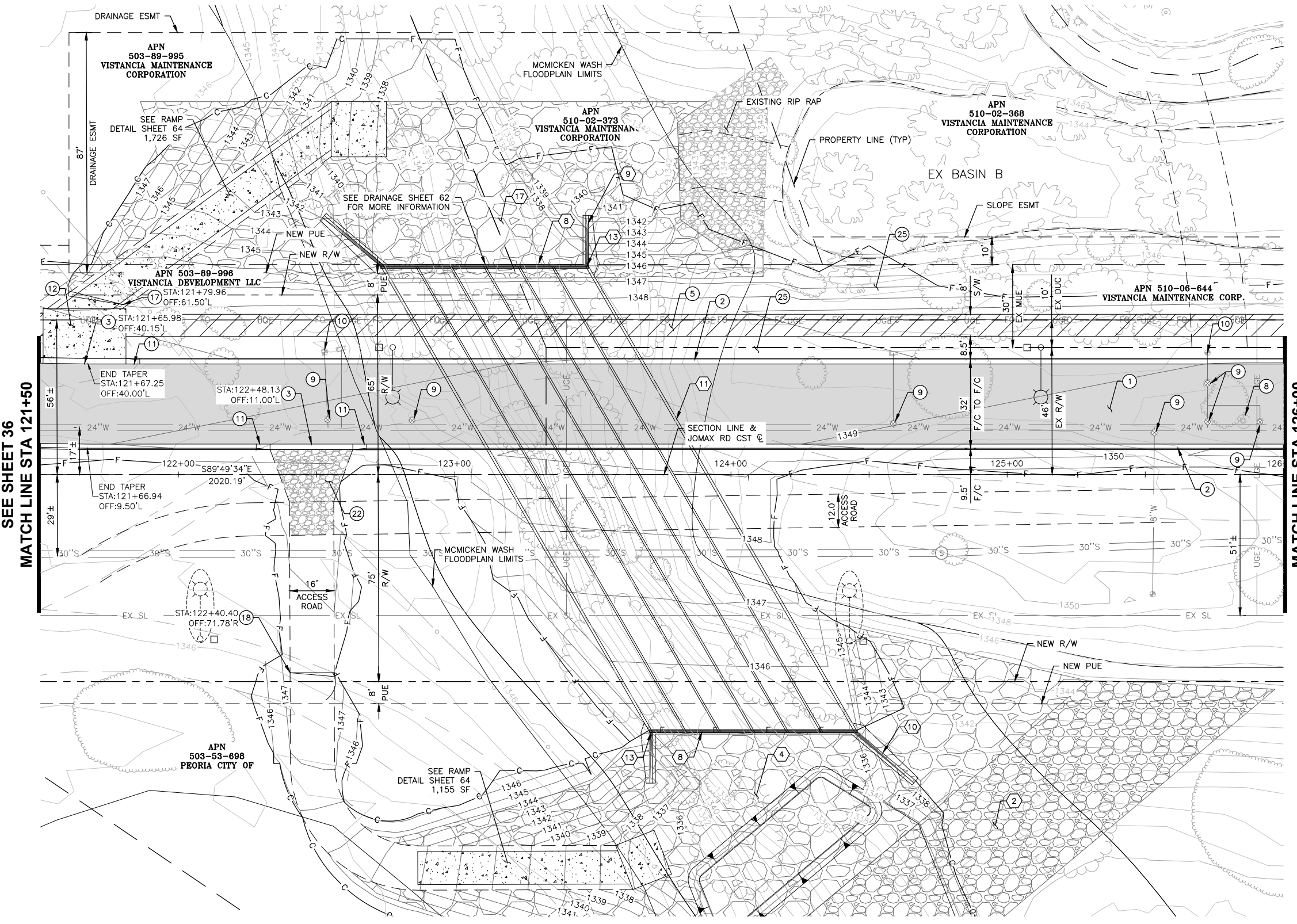
Call at least two full working days before you begin excavation.

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Arizona Blue Stake, Inc.

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In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE



**JOMAX ROAD**

SEE SHEET 36  
MATCH LINE STA 121+50

MATCH LINE STA 126+00  
SEE SHEET 40

NAME	DATE
DESIGN VLM	05/26
DRAWN TG	05/26
CHECKED DPF	05/26

**T Lin**

DRAWING NO. PL06 LOCATION JOMAX RD - DYSART RD TO 126TH DR

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

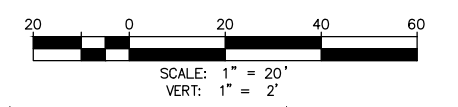
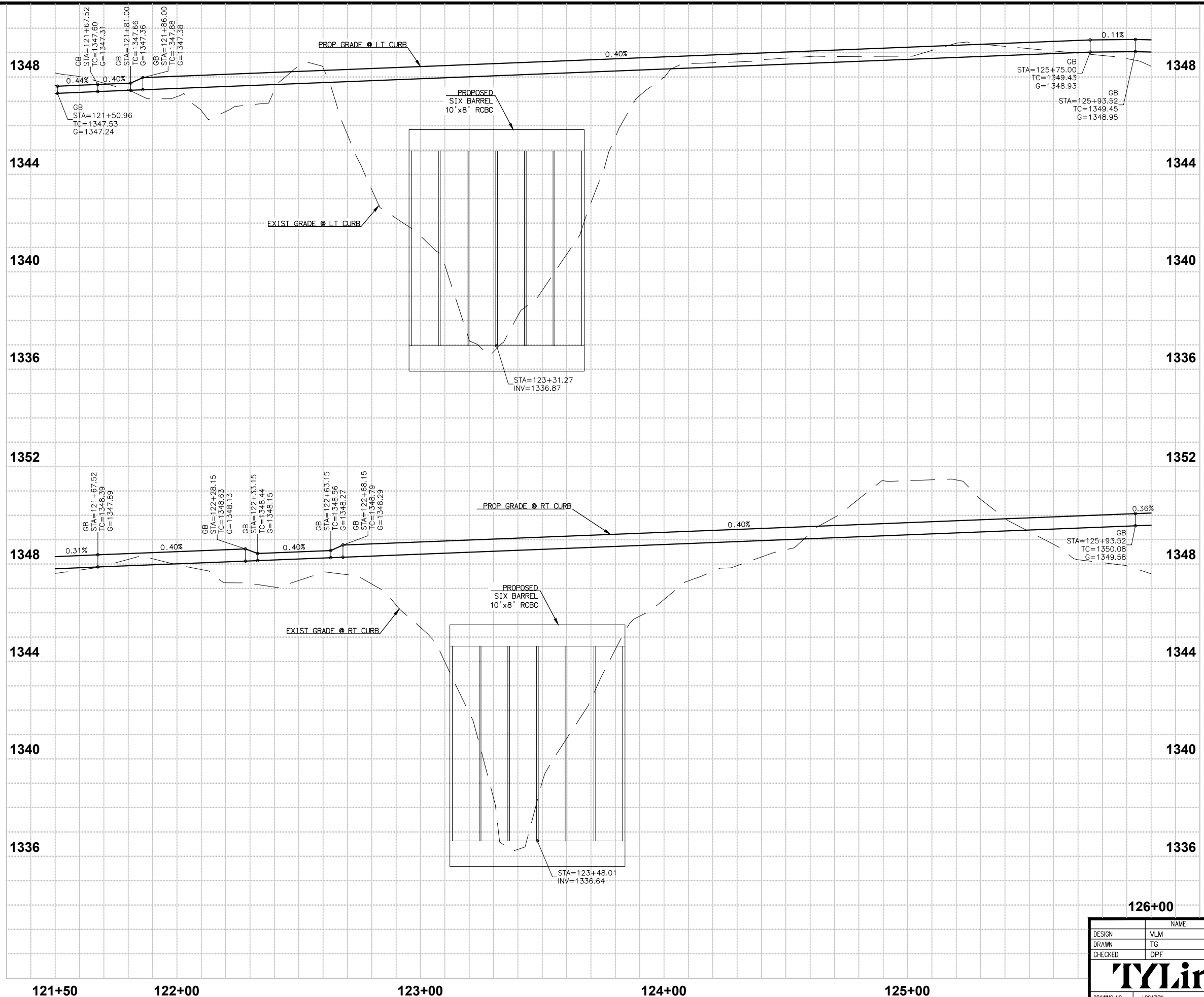
PAVING PLAN

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 38 OF 83

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



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In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DESIGN	VLM	03/26
DRAWN	TG	03/26
CHECKED	DPF	03/26

**TLin**

DRAWING NO. PRO6 LOCATION JOMAX RD - DYSART RD TO 126TH DR

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PAVING PROFILE**

PRELIMINARY  
90%  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 39 OF 83

126+00

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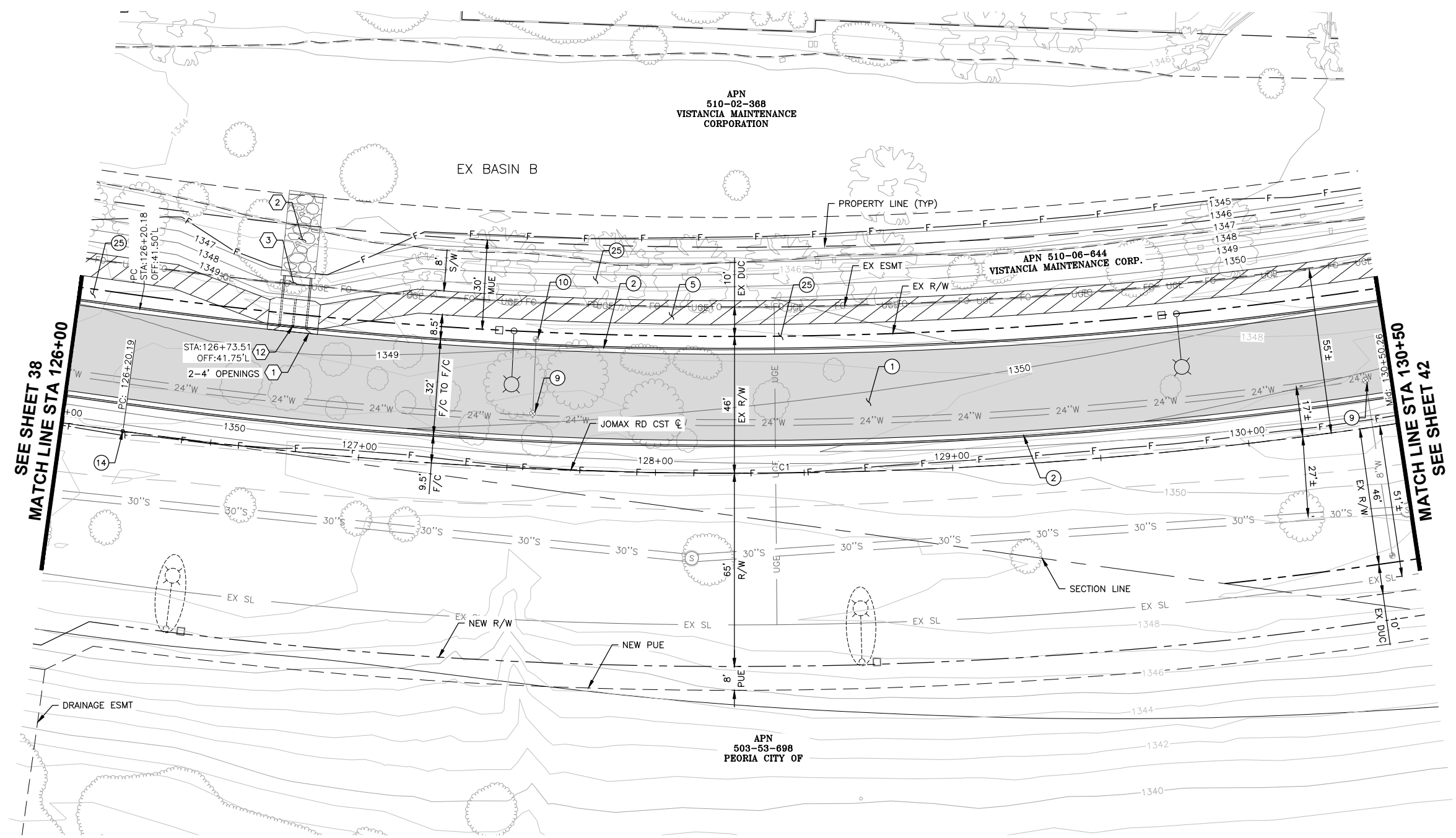
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**CONSTRUCTION NOTES**

NO.	DESCRIPTION	QTY	UNITS
①	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	1,426	SY
②	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	885	LF
⑤	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	3,359	SF
⑨	ADJUST WATER VALVE & COVER TO GRADE, PER COP PE-270 & MAG DET 391-1	2	EA
⑩	ADJUST FIRE HYDRANT TO GRADE	1	EA
⑭	INSTALL SURVEY MONUMENT, PER MAG DET 120-1, TYPE "B"	1	EA
⑳	3/4" DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. COLOR TO BE DETERMINED	11,539	SF

**STORM DRAIN CONSTRUCTION NOTES**

①	CONSTRUCT CONCRETE SCUPPER, MAG STD DET 206-1, 206-2, 206-3	1	EA
②	CONSTRUCT DUMPED RIP RAP (D <sub>50</sub> =6"), BED THICKNESS=1'	12	CY
③	CONCRETE SCUPPER SPILLWAY, MAG STD DET 206	64	SF
⑫	INSTALL STORM DRAIN INLET MARKER, CITY OF PEORIA DET. PE 559-1 & 599-2	1	EA



APN  
510-02-368  
VISTANCIA MAINTENANCE  
CORPORATION

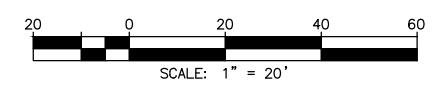
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VISTANCIA MAINTENANCE CORP.

APN  
503-53-698  
PEORIA CITY OF

**JOMAX ROAD**

SEE SHEET 38  
MATCH LINE STA 126+00

MATCH LINE STA 130+50  
SEE SHEET 42



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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	DELTA	RADIUS	LENGTH	TANGENT
C1	N73°44'47"E	1500.00'	860.13'	442.25'

DESIGN	NAME	DATE
VLM		05/26
TG		05/26
DPF		05/26

**T Lin**

DRAWING NO. PL07 LOCATION JOMAX RD - DYSART RD TO 126TH DR

NO.	REVISION	BY	APPR	DATE

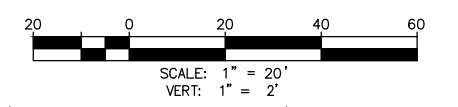
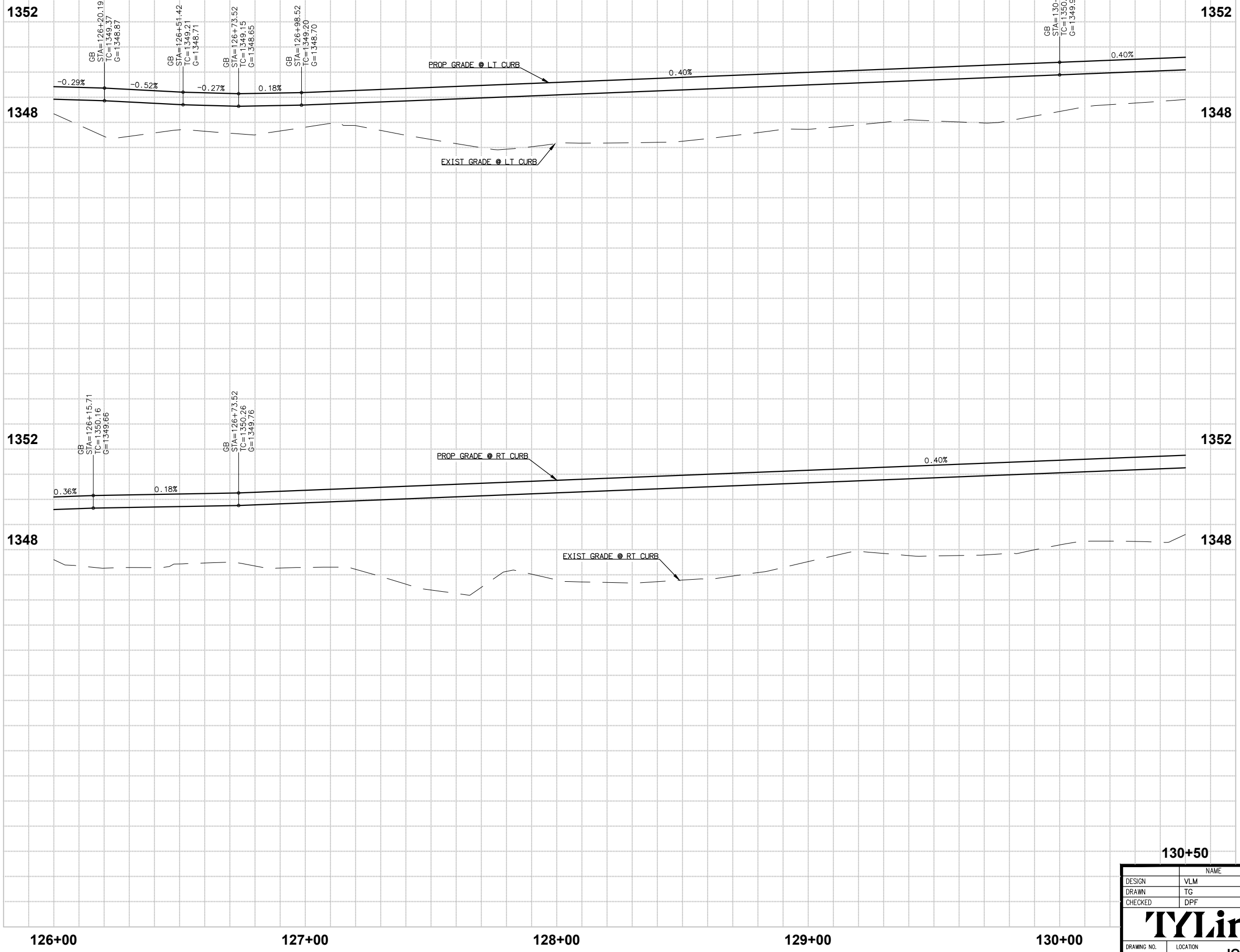
**CITY OF PEORIA  
ENGINEERING DEPARTMENT**

**PAVING PLAN**

PRELIMINARY  
**90%**  
NOT FOR  
CONSTRUCTION  
OR RECORDING

SHEET 40 OF 83

T:\0\TYL\In-PHX\3010.01000625.002\600\_D50NHighway\04\_Sheets\PE65410\_BD\_Paving01.dwg 5/17/2026 3:24:55 PM Don Fromm



Call at least two full working days before you begin excavation.  
**ARIZONA 811**  
 Arizona Blue Stake, Inc.  
 Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
 In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DESIGN	VLM	03/26
DRAWN	TG	03/26
CHECKED	DPF	03/26

**T/Lin**

DRAWING NO.	LOCATION
PR07	JOMAX RD - DYSART RD TO 126TH DR

**CITY OF PEORIA**  
**ENGINEERING DEPARTMENT**

**PAVING PROFILE**

PRELIMINARY  
**90%**  
 NOT FOR CONSTRUCTION OR RECORDING

SHEET 41 OF 83

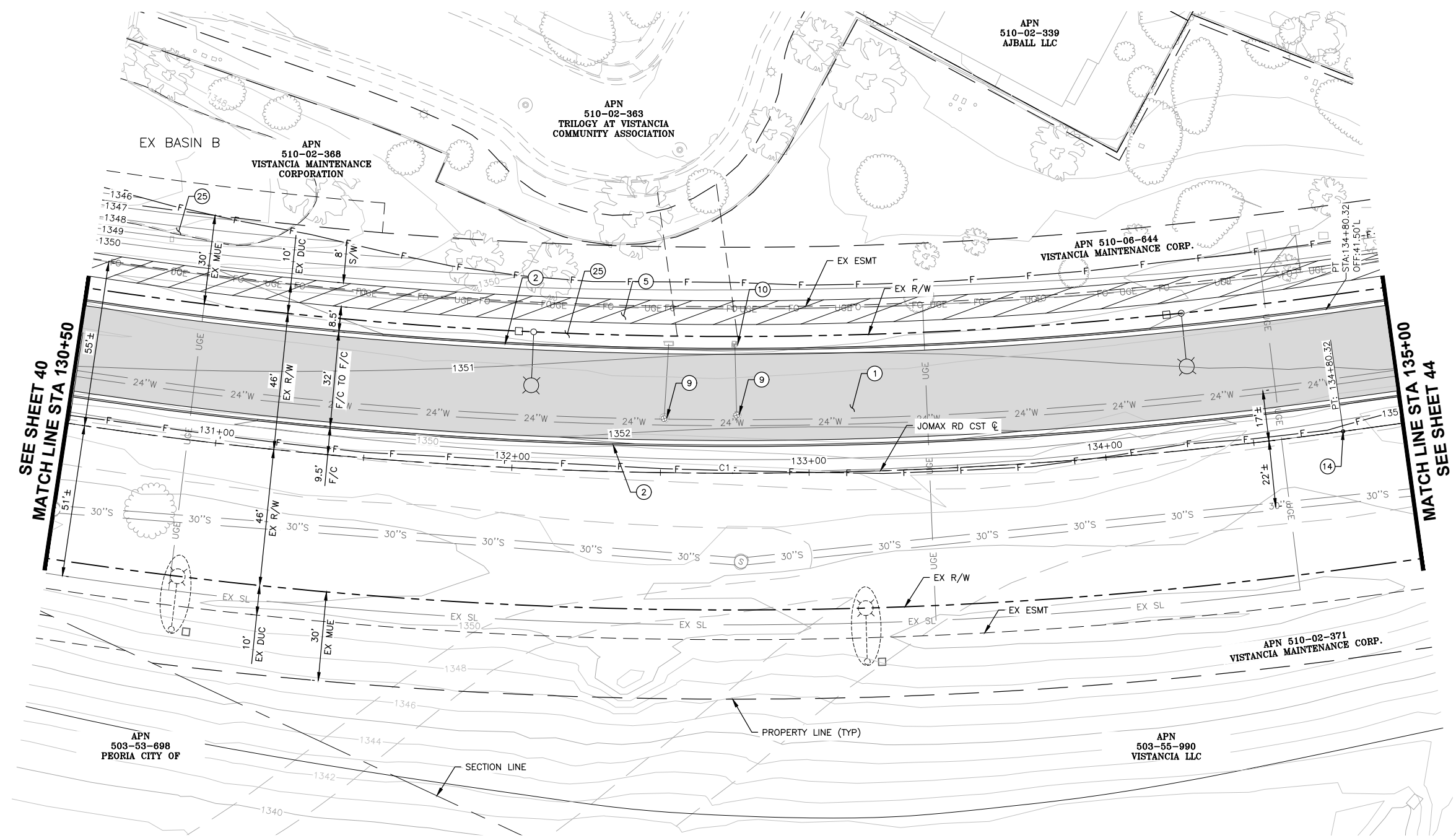
130+50

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 Don Fromm  
 TY Lin Half Scale.ctb

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

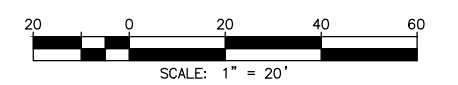
**CONSTRUCTION NOTES**

NO.	DESCRIPTION	QTY	UNITS
①	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	1,426	SY
②	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	885	LF
⑤	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	3,475	SF
⑨	ADJUST WATER VALVE & COVER TO GRADE, PER COP PE-270 & MAG DET 391-1	2	EA
⑩	ADJUST FIRE HYDRANT TO GRADE	1	EA
⑭	INSTALL SURVEY MONUMENT, PER MAG DET 120-1, TYPE "B"	1	EA
⑳	3/4" DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. COLOR TO BE DETERMINED	7,184	SF



SEE SHEET 40  
MATCH LINE STA 130+50

MATCH LINE STA 135+00  
SEE SHEET 44



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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



**JOMAX ROAD**

CL ALIGNMENT CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C1	N73°44'47"E	1500.00'	860.13'	442.25'

**T Lin**

DESIGN	VLM	DATE	05/26
DRAWN	TG	DATE	05/26
CHECKED	DPF	DATE	05/26

DRAWING NO. PLO8 LOCATION JOMAX RD - DYSART RD TO 126TH DR

NO.	REVISION	BY	APPR	DATE

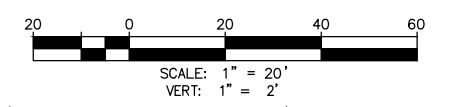
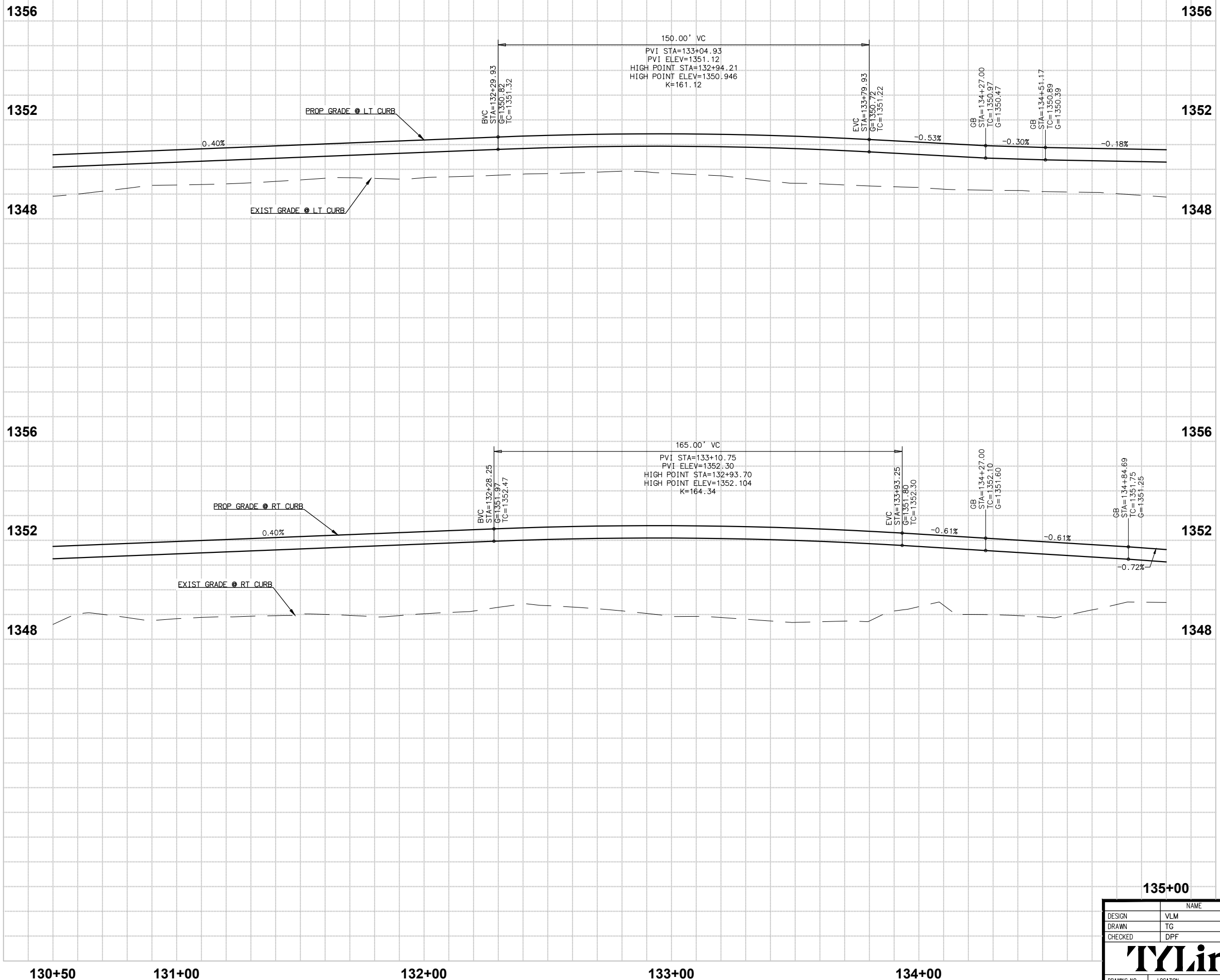
**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PAVING PLAN**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 42 OF 83

TY Lin Half Scale.ctb  
Don Fromm  
5/17/2026 3:25:30 PM  
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Call at least two full working days before you begin excavation.

**ARIZONA 811**  
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

	DESIGN	VLM	03/26	<b>CITY OF PEORIA</b> <b>ENGINEERING DEPARTMENT</b>  <b>PAVING PROFILE</b>	<b>PRELIMINARY</b> <b>90%</b>  NOT FOR CONSTRUCTION OR RECORDING
	DRAWN	TG	03/26		
	CHECKED	DPF	03/26		
DRAWING NO. PR08	LOCATION	<b>JOMAX RD - DYSART RD TO 126TH DR</b>		SHEET 43 OF 83	

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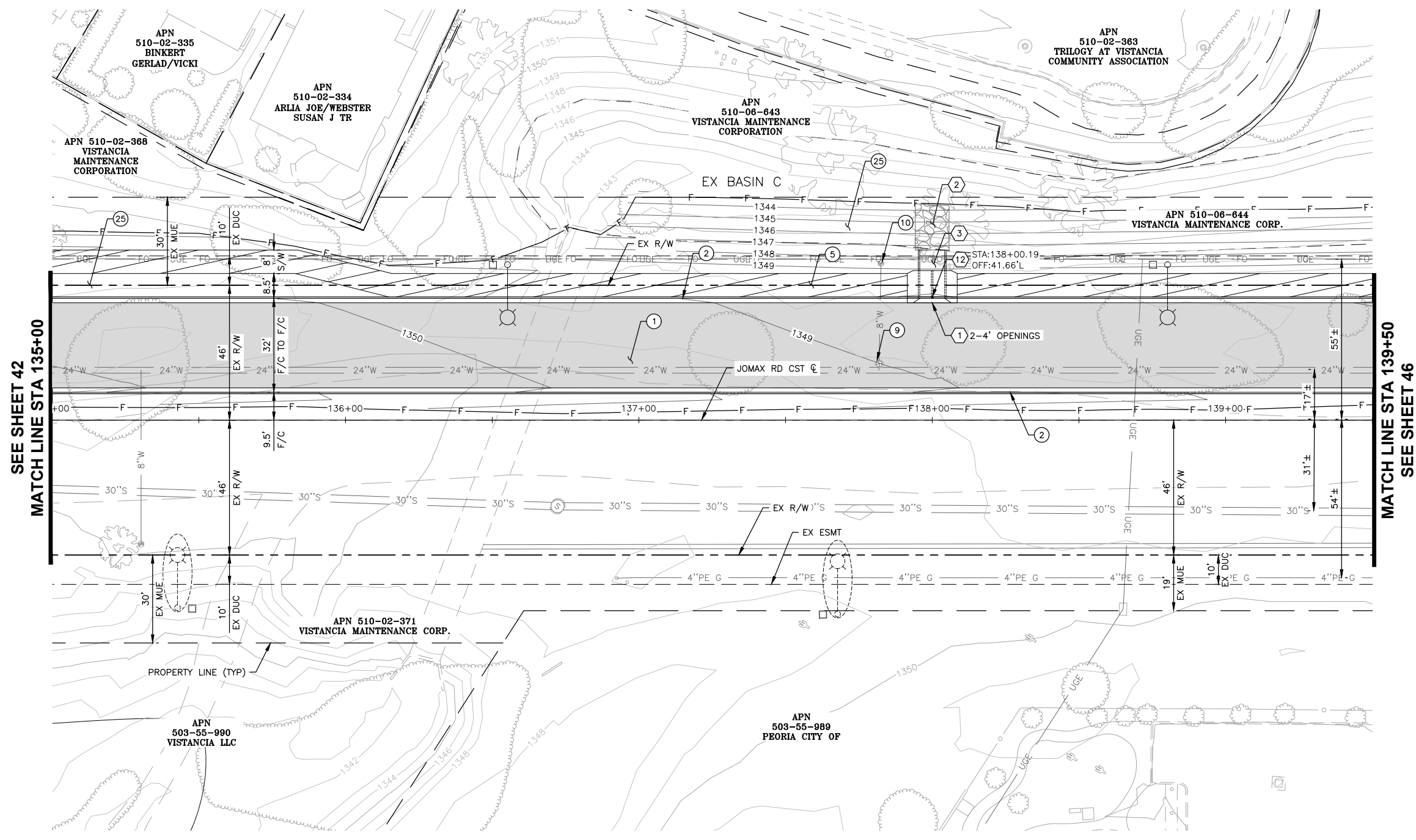
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**CONSTRUCTION NOTES**

NO.	DESCRIPTION	QTY	UNITS
①	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	1,450	SY
②	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	900	LF
⑤	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	3,472	SF
⑨	ADJUST WATER VALVE & COVER TO GRADE, PER COP PE-270 & MAG DET 391-1	1	EA
⑩	ADJUST FIRE HYDRANT TO GRADE	1	EA
⑳	3/4" DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. COLOR TO BE DETERMINED	7,701	SF

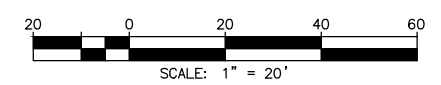
**STORM DRAIN CONSTRUCTION NOTES**

①	CONSTRUCT CONCRETE SCUPPER, MAG STD DET 206-1, 206-2, 206-3	1	EA
②	CONSTRUCT DUMPED RIP RAP (D <sub>50</sub> =6"), BED THICKNESS=1'	5	CY
③	CONCRETE SCUPPER SPILLWAY, MAG STD DET 206	60	SF
⑫	INSTALL STORM DRAIN INLET MARKER, CITY OF PEORIA DET. PE 559-1 & 599-2	1	EA



SEE SHEET 42  
MATCH LINE STA 135+00

MATCH LINE STA 139+50  
SEE SHEET 46



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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

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In Maricopa County: (602) 263-1100



JOMAX ROAD

NO.	REVISION	BY	APPR	DATE

NAME	DATE
DESIGN: VLM	05/26
DRAWN: TG	05/26
CHECKED: DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PAVING PLAN**

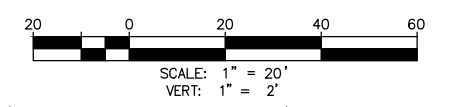
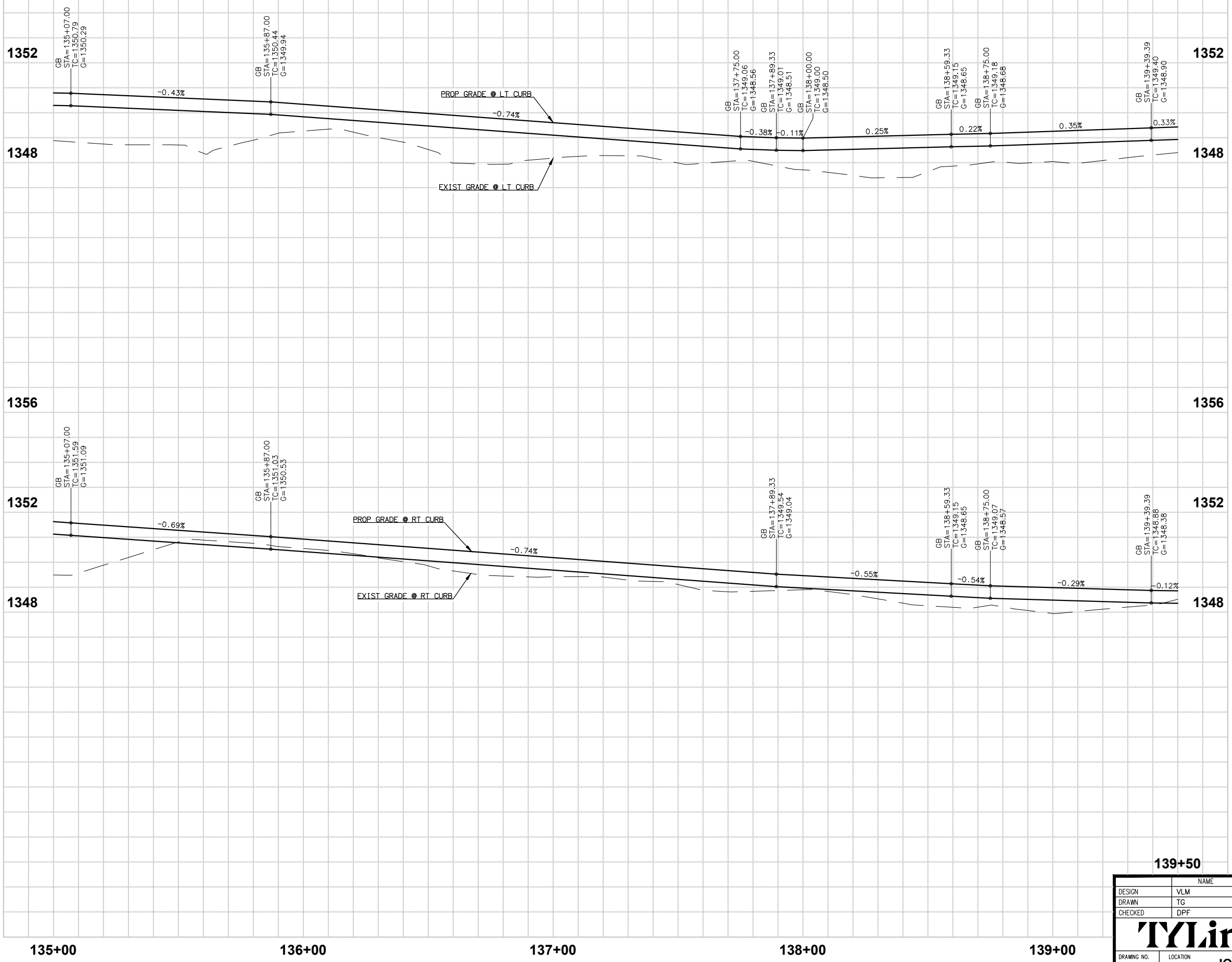
PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

**TMLin**

DRAWING NO. PL09 LOCATION: JOMAX RD - DYSART RD TO 126TH DR

SHEET 44 OF 83

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 Arizona Blue Stake, Inc.  
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 In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DESIGN	VLM	03/26
DRAWN	TG	03/26
CHECKED	DPF	03/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PAVING PROFILE**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 45 OF 83

**T Lin**

DRAWING NO. PRO9      LOCATION      JOMAX RD - DYSART RD TO 126TH DR

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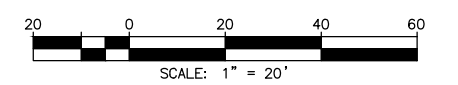
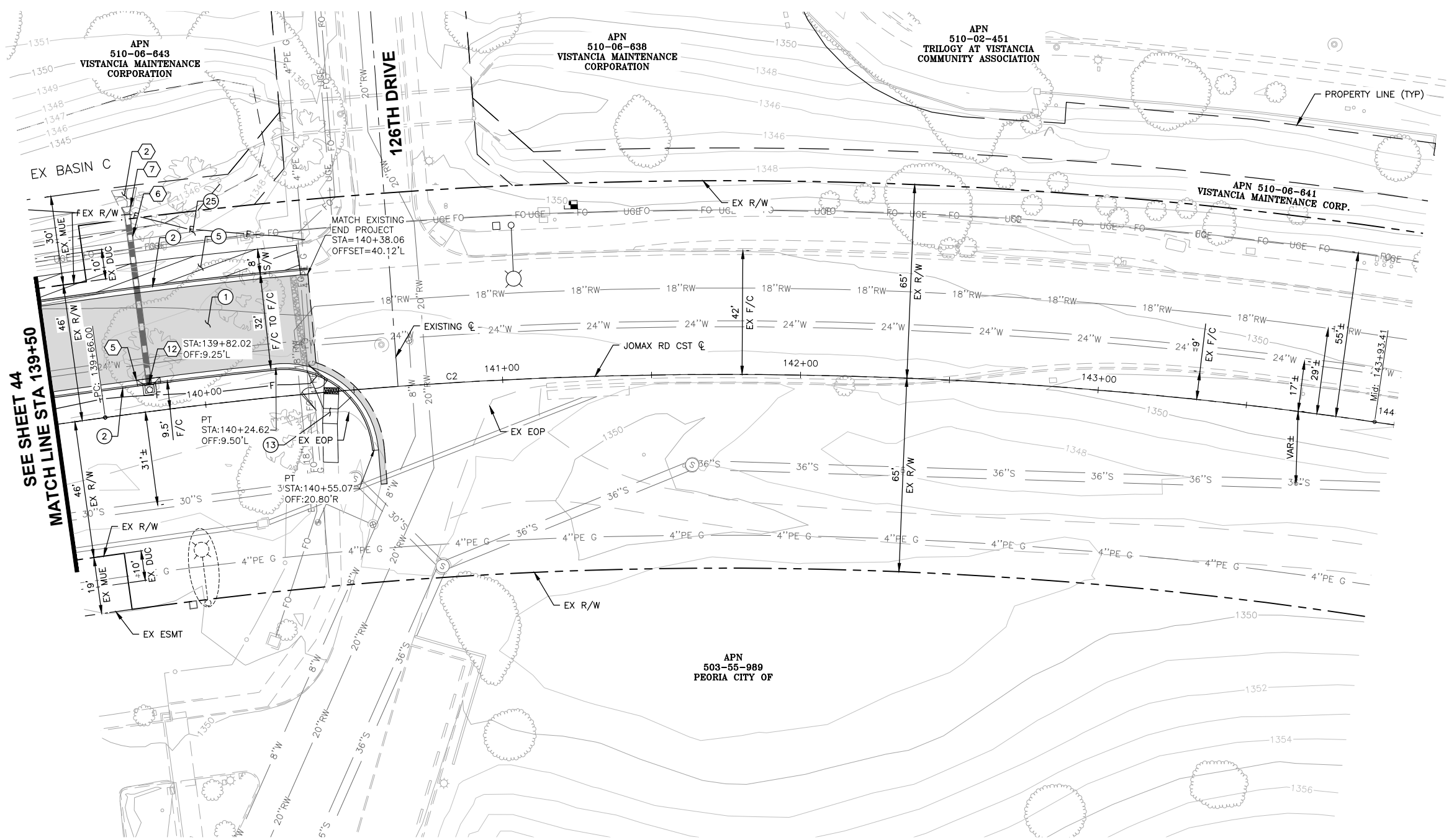
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**CONSTRUCTION NOTES**

NO.	DESCRIPTION	QTY	UNITS
①	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	300	SY
②	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	227	LF
⑤	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	702	SF
⑬	CONSTRUCT PERPENDICULAR CURB RAMP WITH DETECTABLE WARNING PER MAG DET 238-1	182	SF
⑳	3/4" DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. COLOR TO BE DETERMINED	1,102	SF

**STORM DRAIN CONSTRUCTION NOTES**

②	CONSTRUCT DUMPED RIP RAP (D <sub>50</sub> =6"), BED THICKNESS=1'	7	CY
⑤	CATCH BASIN PER MAG STD. DET. 542-2, TYPE I, L=0'	1	EA
⑥	FURNISH & INSTALL 18" RGRCP, CLASS III	54	LF
⑦	FURNISH & INSTALL REINFORCED CONCRETE PIPE END SECTION PER MAG STD. DET. 545	1	EA
⑫	INSTALL STORM DRAIN INLET MARKER, CITY OF PEORIA DET. PE 559-1 & 599-2	1	EA



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Arizona Blue Stake, Inc.

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In Maricopa County: (602) 263-1100



**JOMAX ROAD**

CL ALIGNMENT CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C2	N73°38'42"E	1500.00'	854.82'	439.37'

DESIGN	NAME	DATE
DESIGNED	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**TMLin**

DRAWING NO. PL10 LOCATION

NO.	REVISION	BY	APPR	DATE

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PAVING PLAN**

**JOMAX RD - DYSART RD TO 126TH DR**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 46 OF 83

SEE SHEET 44  
MATCH LINE STA 139+50

TY: Lin Half Scale.ctb  
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

1356 1356

1352 1352

1348 1348

GB  
STA=139+82.27  
TC=1349.55  
G=1.349.05

GB  
STA=140+25.00  
TC=1349.79  
G=1.349.29  
MATCH EX/GB  
STA=140+38.65  
TC=1349.85±  
G=1.349.35±

0.33%      0.57%      0.44%

PROP GRADE @ LT CURB

EXIST GRADE @ LT CURB

1352 1352

1348 1348

GB  
STA=139+82.27  
TC=1348.83  
G=1.348.33

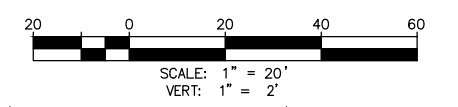
BCR/GB  
STA=140+25.69  
TC=1348.93  
G=1.348.43

ECR/GB  
STA=140+55.08  
TC=1349.03±  
G=1.348.53±

-0.12%      0.23%      0.34%

PROP GRADE @ RT CURB

EXIST GRADE @ RT CURB



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NO.	REVISION	BY	APPR	DATE

144+00

DESIGN	NAME	DATE
DRAWN	VLM	03/26
CHECKED	DPF	03/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PAVING PROFILE**

PRELIMINARY  
**90%**  
NOT FOR  
CONSTRUCTION  
OR RECORDING

SHEET 47 OF 83

139+50      140+00      141+00      142+00      143+00

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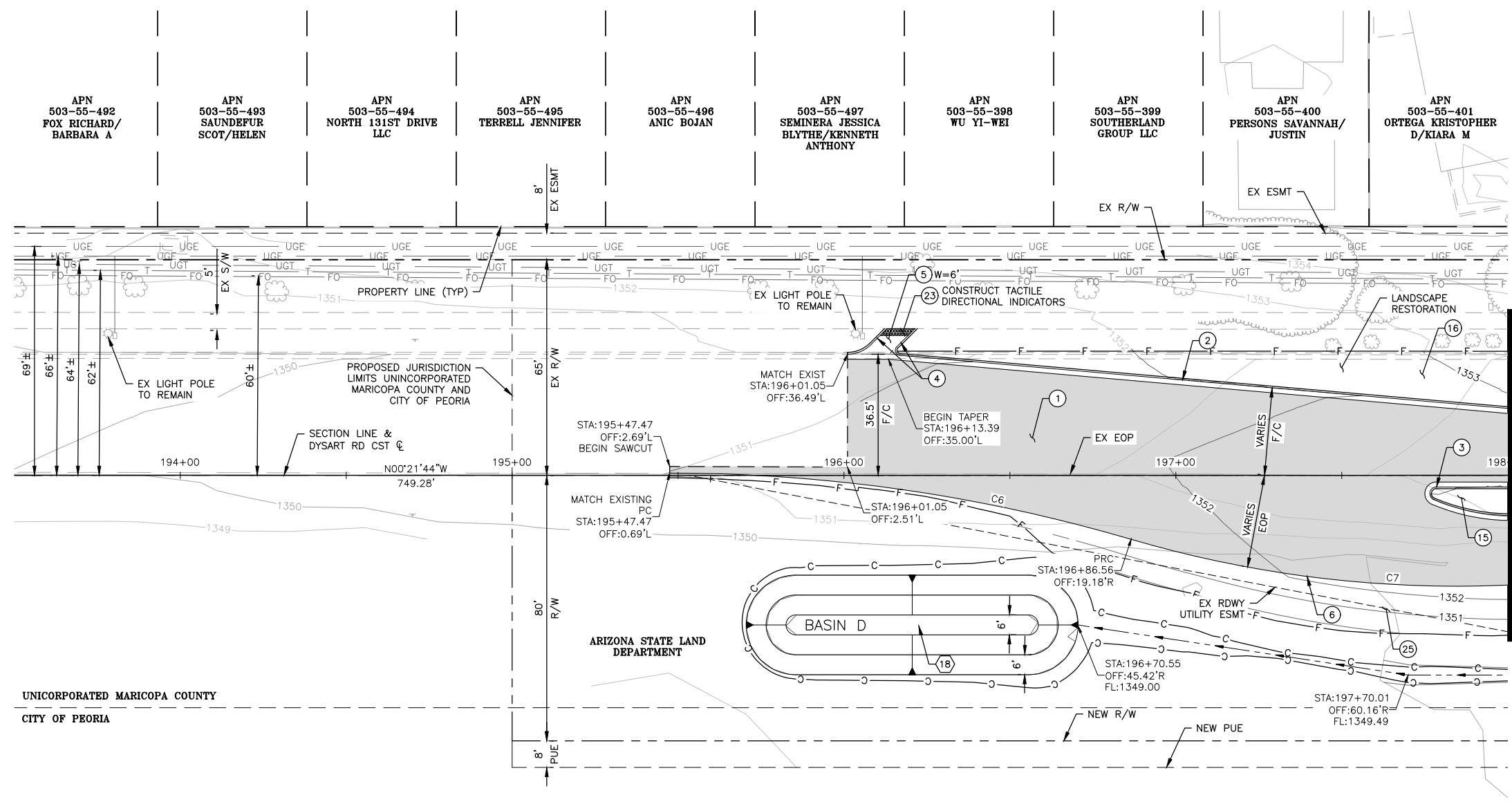
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**CONSTRUCTION NOTES**

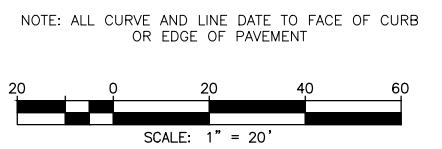
NO.	DESCRIPTION	QTY	UNITS
①	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	1,040	SY
②	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	184	LF
③	CONSTRUCT ROLL CURB AND GUTTER PER MAG STD DET 220, TYPE D, H=3.5"	50	LF
④	CONSTRUCT SINGLE CURB PER MAG STD DET 220, TYPE A, H=6"	25	LF
⑤	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	51	SF
⑥	CONSTRUCT ASPHALT PAVEMENT EDGE PER MAG STD DET 201, TYPE A	256	LF
⑬	CONSTRUCT 4" THICK CLASS 'B' CONCRETE MEDIAN	133	SF
⑮	DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. SIZE AND COLOR TO MATCH EXISTING	1,598	SF
⑳	CONSTRUCT DETECTABLE WARNING SURFACE PER MAG STD DET 234	17	SF
㉑	3/4" DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. COLOR TO BE DETERMINED	2,092	SF

**STORM DRAIN CONSTRUCTION NOTES**

⑮	INSTALL MAXWELL PLUS DRYWELL (RIM TO BE SET 0.3' ABOVE BASIN BOTTOM) DETAIL ON SHEET 68	1	EA
---	-----------------------------------------------------------------------------------------	---	----



NO.	DELTA	RADIUS	LENGTH	TANGENT
C6	N07°48'10"E	492.00'	141.00'	70.99'
C7	N03°28'28"E	348.00'	152.31'	77.39'



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

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NO.	REVISION	BY	APPR	DATE

NAME	DATE
DESIGN: VLM	05/26
DRAWN: TG	05/26
CHECKED: DPF	05/26

**CITY OF PEORIA ENGINEERING DEPARTMENT**

**PAVING PLAN**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

**TMLin**

DRAWING NO. PL11 LOCATION: JOMAX RD - DYSART RD TO 126TH DR

SHEET 48 OF 83

- APN 503-55-492 FOX RICHARD/ BARBARA A
- APN 503-55-493 SAUNDEFUR SCOT/HELEN
- APN 503-55-494 NORTH 131ST DRIVE LLC
- APN 503-55-495 TERRELL JENNIFER
- APN 503-55-496 ANIC BOJAN
- APN 503-55-497 SEMINERA JESSICA BLYTHE/KENNETH ANTHONY
- APN 503-55-398 WU YI-WEI
- APN 503-55-399 SOUTHERLAND GROUP LLC
- APN 503-55-400 PERSONS SAVANNAH/ JUSTIN
- APN 503-55-401 ORTEGA KRISTOPHER D/KIARA M

UNINCORPORATED MARICOPA COUNTY  
CITY OF PEORIA

ARIZONA STATE LAND DEPARTMENT

PROPOSED JURISDICTION LIMITS UNINCORPORATED MARICOPA COUNTY AND CITY OF PEORIA

SECTION LINE & DYSART RD CST @ N00°21'44"W 749.28'

STA:195+47.47 OFF:2.69'L BEGIN SAWCUT

MATCH EXIST STA:196+01.05 OFF:36.49'L

MATCH EXISTING PC STA:195+47.47 OFF:0.69'L

STA:196+01.05 OFF:2.51'L

STA:196+86.56 OFF:19.18'R

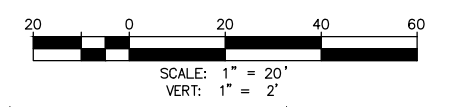
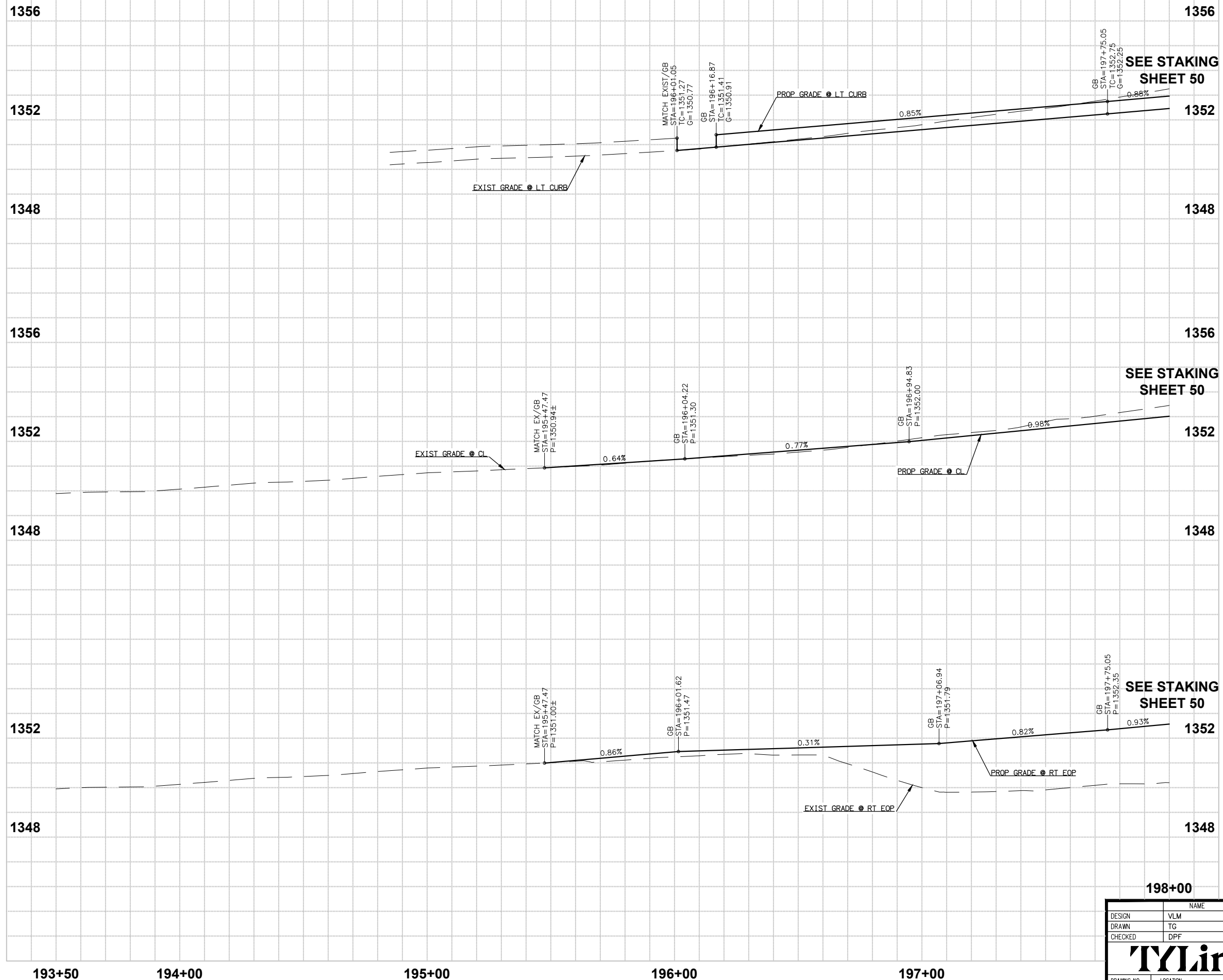
STA:196+70.55 OFF:45.42'R FL:1349.00

STA:197+70.01 OFF:60.16'R FL:1349.49

**DYSART ROAD**

MATCH LINE STA 198+00 SEE SHEET 30

TY Lin Half Scale.ctb  
Don Fromm  
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NO.	REVISION	BY	APPR	DATE

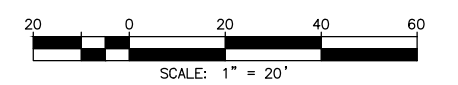
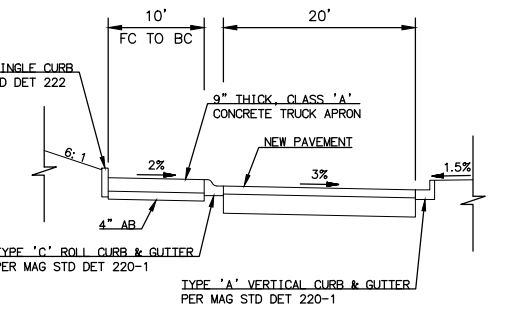
<b>198+00</b> DESIGN: VLM 03/26 DRAWN: TG 03/26 CHECKED: DPF 03/26		<b>CITY OF PEORIA</b> <b>ENGINEERING DEPARTMENT</b>  <b>PAVING PROFILE</b>	<b>PRELIMINARY</b> <b>90%</b> NOT FOR CONSTRUCTION OR RECORDING SHEET 49 OF 83
DRAWING NO. PR11 LOCATION: JOMAX RD - DYSART RD TO 126TH DR			

T:\0\T Lin - PHX\3010.0100625.002\600\_D50NHighway\04\_Sheets\P65410\_BD\_Profile01.dwg  
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 Don Fromm  
 TY Lin Half Scale.ctb

CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C1	N86°58'06"E	1845.00'	203.19'	101.70'
C2	N67°49'11"W	113.50'	112.28'	61.21'
C3	N20°13'13"W	127.50'	88.38'	46.05'
C4	S20°30'34"W	113.50'	111.42'	60.66'
C5	S69°24'09"W	120.50'	87.37'	45.70'
C6	N86°09'43"E	348.50'	48.80'	24.44'
C7	S87°01'04"W	1845.00'	203.26'	101.74'
C8	S69°13'23"E	113.50'	106.64'	57.62'
C9	N65°30'21"W	84.00'	68.02'	36.00'
C10	S55°31'41"W	84.00'	23.31'	11.73'
C11	N65°30'10"E	112.50'	70.38'	36.39'
C12	N30°33'39"W	1.50'	3.52'	3.58'
C13	S59°13'41"W	10.00'	7.85'	4.14'
C14	N69°38'16"E	1.50'	3.40'	3.22'
C15	N22°51'37"W	10.00'	7.85'	4.14'

LINE TABLE		
NO.	BEARING	LENGTH
L3	N48°37'52"E	5.75'
L1	S00°21'44"E	15.60'
L4	S89°49'34"E	40.40'
L6	N83°25'34"E	101.81'
L2	S04°38'16"W	51.63'

NOTE: ALL CURVE AND LINE DATA TO FACE OF CURB



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In Maricopa County: (602) 263-1100

NO.	REVISION	BY	APPR	DATE

NAME	DATE
DESIGN	VLM 05/26
DRAWN	TG 05/26
CHECKED	DPF 05/26

**T Lin**

DRAWING NO. SK01 LOCATION JOMAX RD - DYSART RD TO 126TH DR

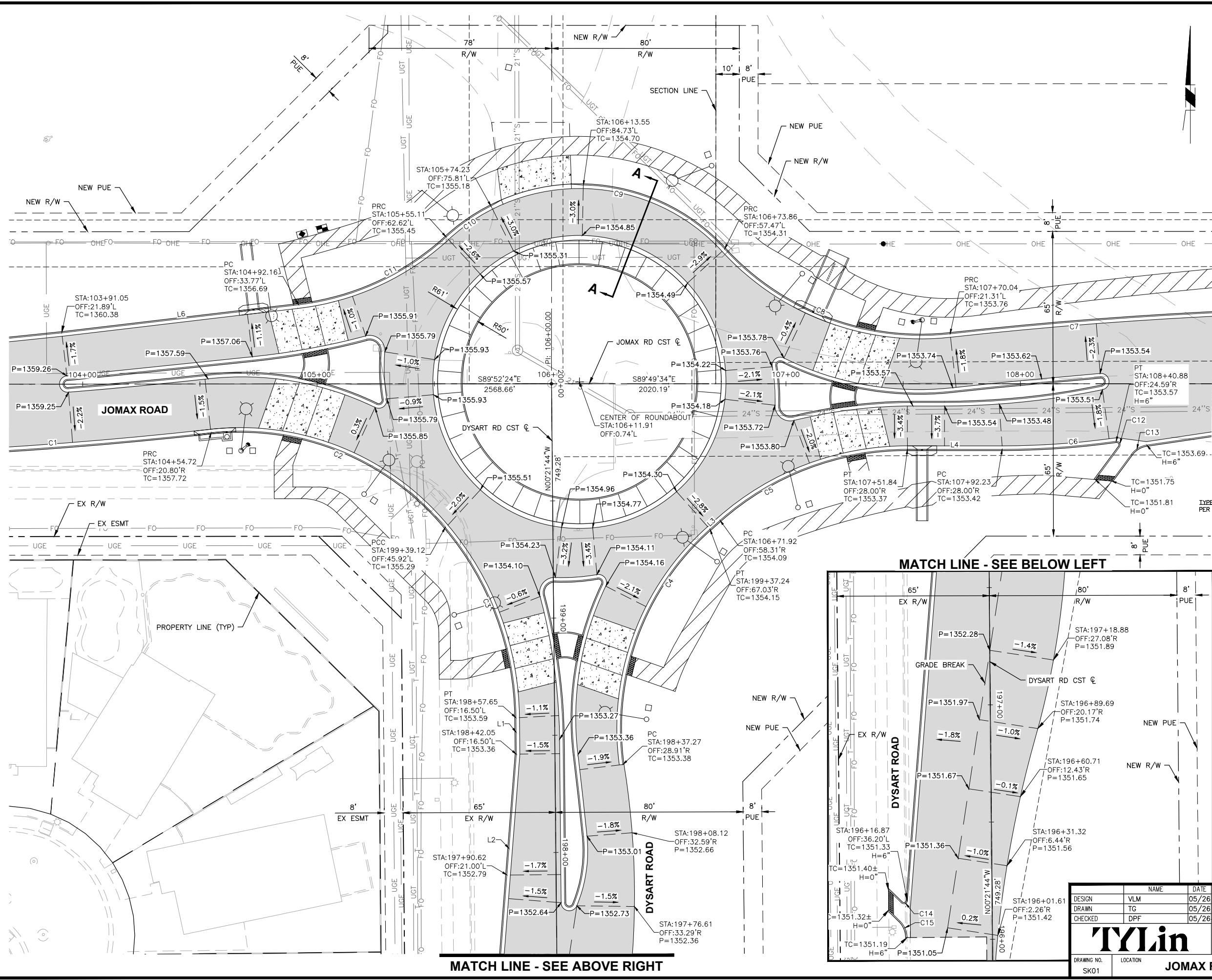
**CITY OF PEORIA ENGINEERING DEPARTMENT**

**INTERSECTION STAKING**

**PRELIMINARY 90%**

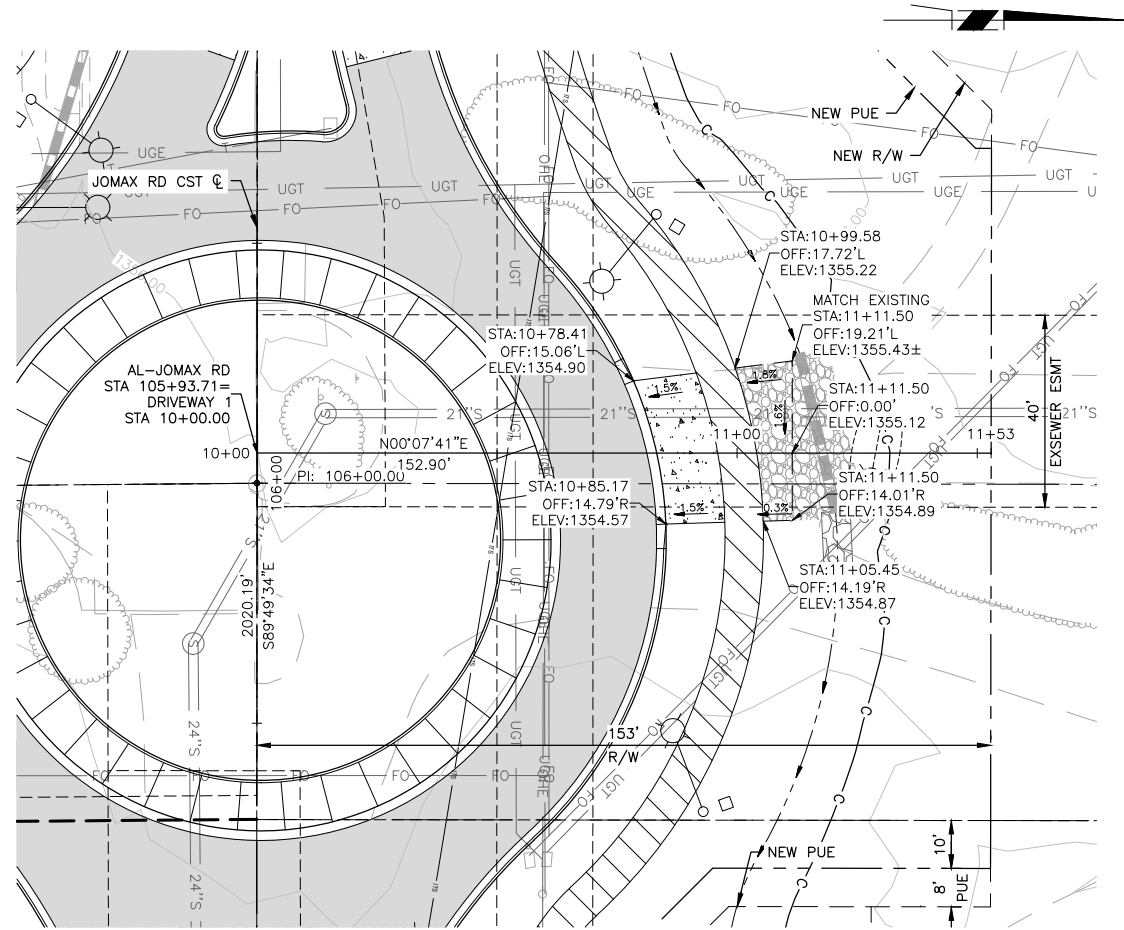
NOT FOR CONSTRUCTION OR RECORDING

SHEET 50 OF 83

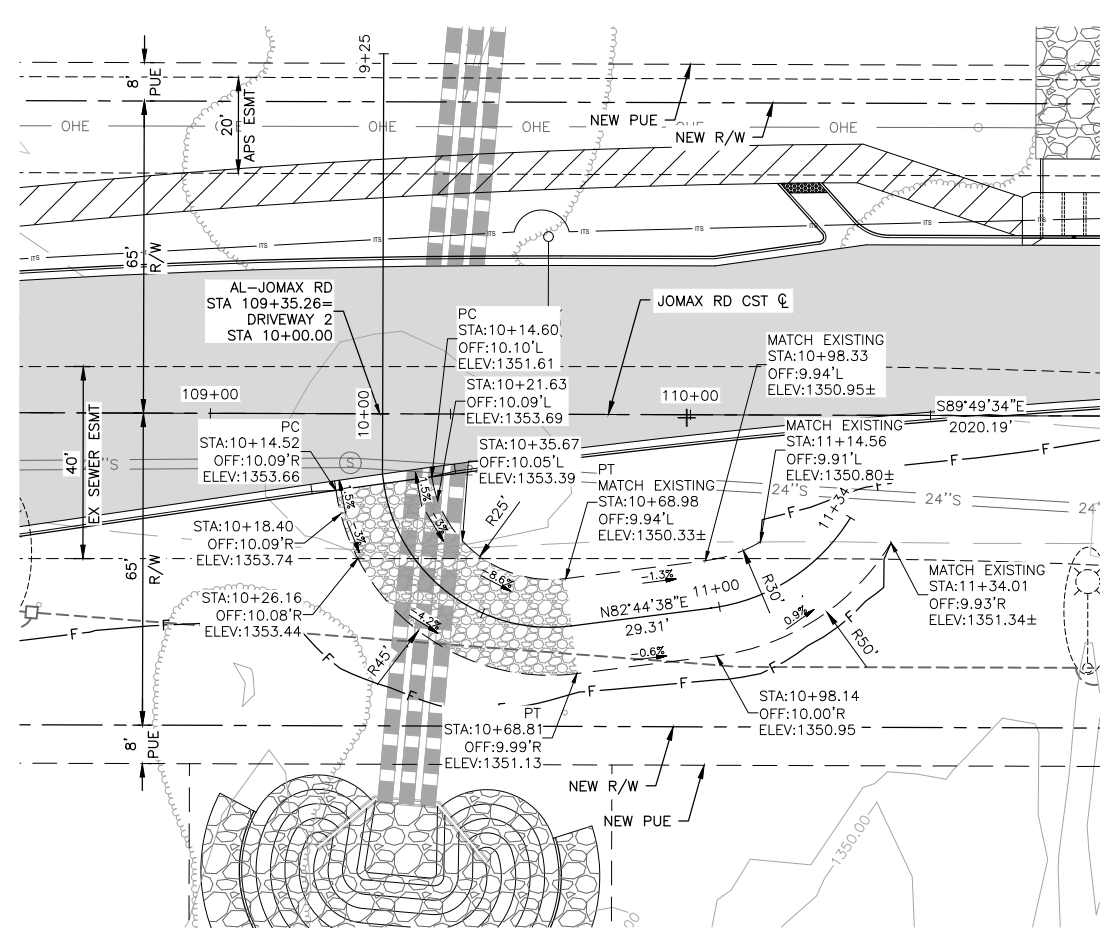


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Don Fromm  
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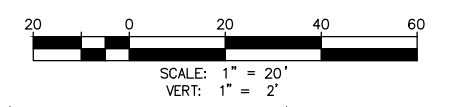
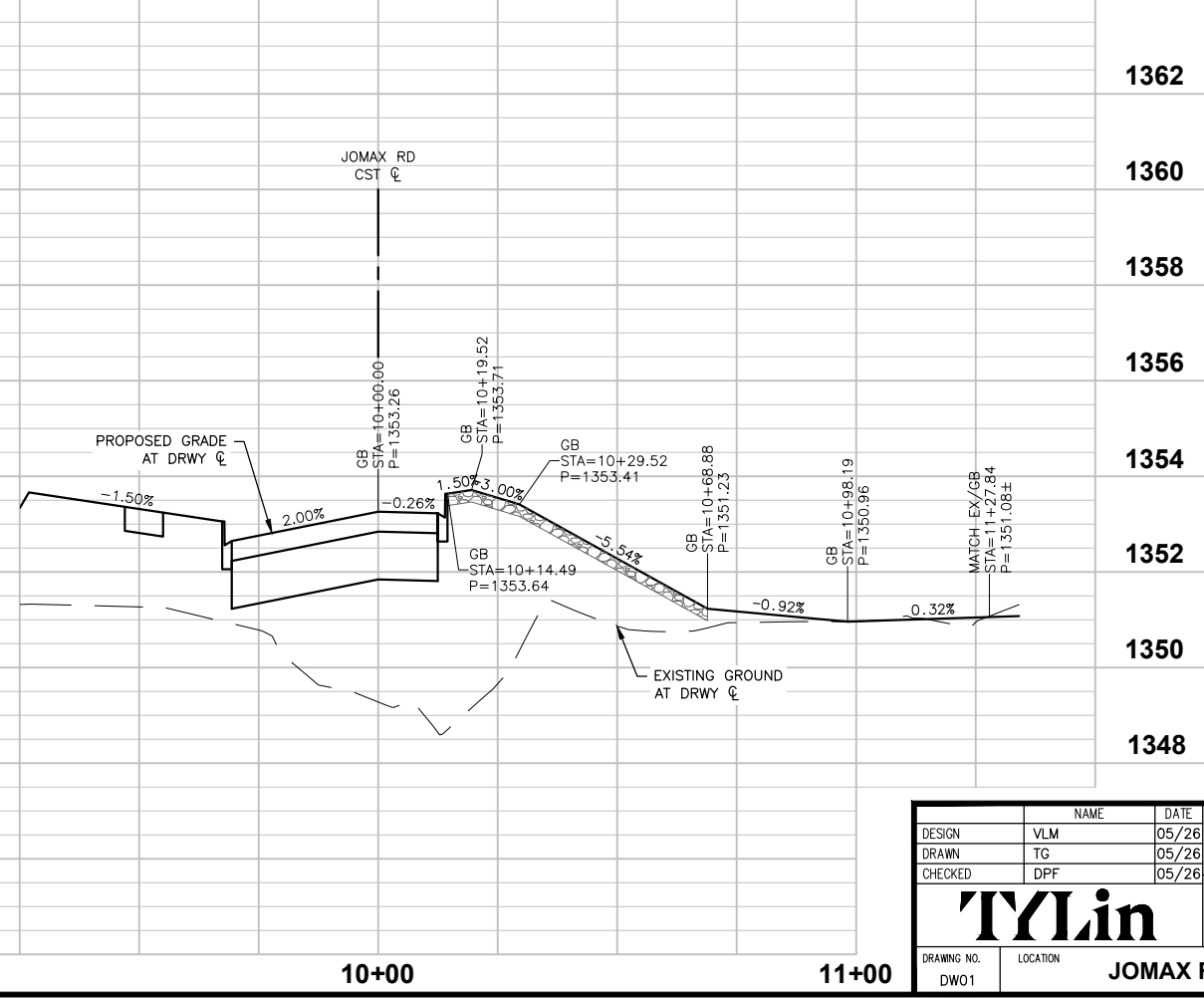
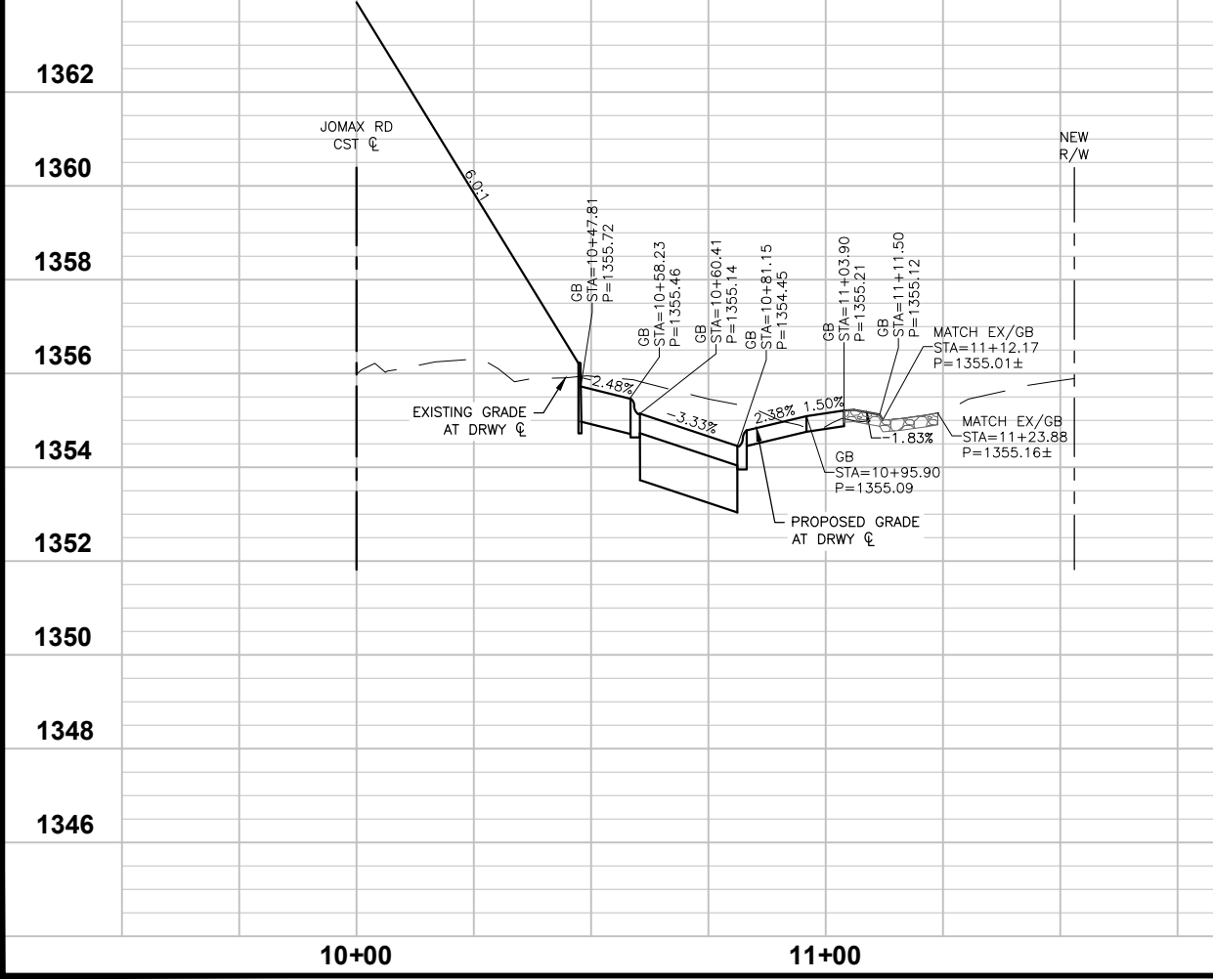
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



JOMAX ROAD STA 105+93.71



JOMAX ROAD STA 109+35.26



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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100

NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**DRIVEWAY PLAN & PROFILE**

PRELIMINARY  
90%  
NOT FOR CONSTRUCTION OR RECORDING

DRAWING NO. DW01 LOCATION JOMAX RD - DYSART RD TO 126TH DR SHEET 51 OF 82

TY Lin Half Scale.ctb  
Don Fromm  
5/6/2026 1:46:14 PM  
T:\0\TYLin-PHX\3010.0100625.002\600\_D50NHighway\04\_Sheets\P65410\_BD\_Driveway\_P&P.dwg

## SIGNING & STRIPING NOTES

SIGNING AND STRIPING INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) ADOPTED BY THE ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT) AND THE CITY OF PEORIA ENGINEERING STANDARDS MANUAL.

SIGNING AND STRIPING LAYOUT SHALL BE APPROVED BY THE ENGINEERING INSPECTOR PRIOR TO ANY INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE CITY OF PEORIA'S ENGINEERING INSPECTION DIVISION, 623-773-8445, AT LEAST 48 HOURS IN ADVANCE OF ANY SIGNING OR STRIPING INSTALLATION. SIGNING OR STRIPING INSTALLATIONS COMPLETED PRIOR TO CONTACTING THE CITY'S ENGINEERING INSPECTION DIVISION SHALL BE REMOVED AND/OR MODIFIED IF IT IS NOT DEEMED ADEQUATE BY THE ENGINEERING INSPECTOR.

### STRIPING

- ALL ROAD SURFACES SHALL BE PREPARED PER MANUFACTURER'S INSTRUCTION OR TO THE SATISFACTION OF THE ENGINEERING INSPECTOR PRIOR TO APPLICATION OF PAVEMENT MARKINGS. AT A MINIMUM, SURFACES SHALL HAVE DEBRIS REMOVED, BE CLEANED AND DRIED PRIOR TO APPLICATION.
- UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE TO THE FACE OF CURB AND THE CENTER OF THE STRIPE. IN THE CASE OF A DOUBLE STRIPE, DIMENSION IS TO THE CENTER OF THE DOUBLE STRIPE.
- ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF PEORIA ENGINEERING STANDARDS MANUAL AND THE MANUFACTURER'S RECOMMENDATIONS.
- LONGITUDINAL LINE MARKINGS SHALL BE INSTALLED USING WATER-BASED PAINT APPLIED AT A MINIMUM OF .15 MIL THICKNESS AT THE TIME OF APPLICATION. ANY LONGITUDINAL LINE GREATER THAN 100' IN TOTAL LENGTH, INCLUDING SPACES, SHALL BE APPLIED USING AN AIRLESS TRUCK-MOUNTED STRIPING MACHINE EQUIPPED WITH A SKIP-LINE CONTROL SYSTEM CALIBRATED TO INSTALL CORRECT LINE PATTERNS AND LENGTHS.
- SHORT-LINE MARKINGS, INCLUDING CROSSWALKS, STOP BARS, CHEVRONS, AND CROSSHATCH MARKINGS AND NORMAL DOTTED LINES TO GUIDE TURNING MOVEMENTS SHALL BE INSTALLED USING ALKYD THERMOPLASTIC MATERIAL APPLIED AT A MINIMUM .90 MIL THICKNESS OR 3M STAMARK PAVEMENT MARKING TAPE. DETERMINATION OF MATERIAL USED SHALL BE ADDRESSED IN STRIPING PLANS OR BY THE ENGINEERING INSPECTOR.
- WORD SYMBOL AND OTHER LEGEND MARKINGS SHALL BE INSTALLED IN 3M STAMARK PAVEMENT MARKING TAPE OR OTHER MATERIAL APPROVED BY THE ENGINEERING INSPECTOR.
- THE OBLITERATION OF PRIOR OR CONFLICTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY WATER BLASTING WITH VACUUM RECOVERY OR OTHER METHODS APPROVED BY THE ENGINEERING INSPECTOR. A TYPE II MICRO SEAL TREATMENT APPROVED BY THE ENGINEERING INSPECTOR SHALL BE APPLIED IN A MINIMUM 3-FOOT WIDE, CONTINUOUS APPLICATION TO THE PORTIONS OF THE AFFECTED ASPHALT FOLLOWING OBLITERATION IN THE CASE OF LONGITUDINAL LINES, OR IN A RECTANGULAR AREA TO COMPLETELY COVER THE AFFECTED AREA IN THE CASE OF PAVEMENT SYMBOLS AND LEGENDS, WHERE MULTIPLE CONFLICTING PAVEMENT MARKINGS ARE REMOVED, THE ENGINEERING INSPECTOR MAY REQUIRE THE TYPE II MICRO SEAL TO BE APPLIED OVER THE ENTIRE ROADWAY AND THE AFFECTED AREA RESTRIPE. THE TYPE II MICRO SEAL TREATMENT MAY BE APPLIED DIRECTLY OVER A SINGLE APPLICATION OF WATER-BASED PAINT WITHOUT PAINT OBLITERATION, IF APPROVED BY THE ENGINEERING INSPECTOR. ALL TYPE II MICRO SEAL TREATMENT SHALL BE APPROVED BY THE ENGINEERING INSPECTOR.

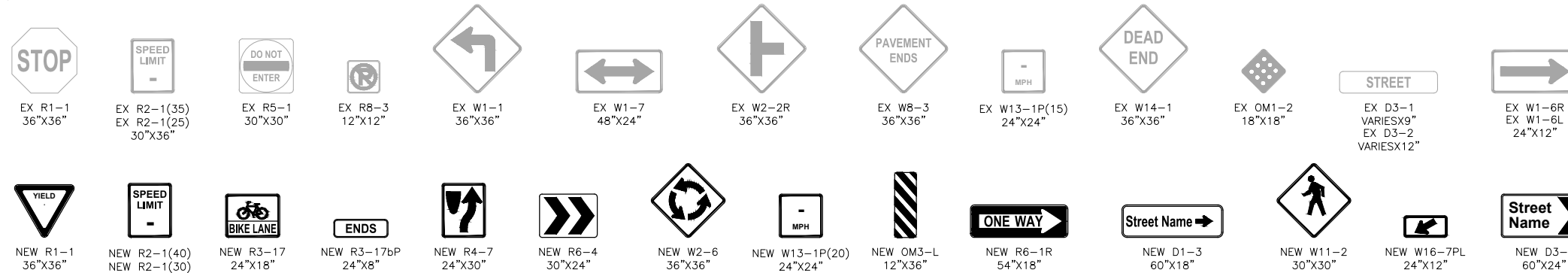
### SIGNING

- ALL SIGN BLANKS SHALL BE .080-GAUGE ALUMINUM, UNLESS OTHERWISE NOTED AND ALL SIGNS SHALL BE ASTM TYPE IV HIGH INTENSITY SHEETING, UNLESS OTHERWISE NOTED.
- SIGNS INSTALLED ON POSTS SHALL BE INSTALLED PER PE-060, USING SQUARE TUBING ROLLED FROM 12 GAUGE (0.105-USS COLD ROLLED STEEL PERFORATED WITH 7/16" DIAMETER HOLES SPACED 1" ON CENTER ON ALL SIDES. POSTS SHALL BE MOUNTED IN A 2" X 2" X 30" ANCHOR TO BE DRIVEN INTO THE GROUND PNEUMATICALLY OR HYDRAULICALLY SO IT IS 28" IN THE GROUND AND 2" ABOVE GROUND. THE CONTRACTOR SHALL CONTACT BLUE STAKE BEFORE DIGGING. CARE SHALL BE TAKEN TO ENSURE UNOBSTRUCTED VIEWS FOR ALL SIGNS INSTALLED.
- SIGNS INSTALLED ON STREET LIGHT POLES SHALL BE INSTALLED PER PE-061, USING A MINIMUM 1/2" WIDE STAINLESS-STEEL BANDING (C20499) WITH A MINIMUM THICKNESS OF .030, A BANDING BUCKLE (C25499) AND A (D02189) BANDING BRACKET. STREET NAME SIGNS SHALL BE INSTALLED USING BANDING LISTED ABOVE EXCEPT REPLACING THE BANDING BRACKET WITH A (KC250) CANTILEVER BRACKET, ROUND BRACKET (922SF), AND A CROSS BRACKET (990SF); 6" SIGNS SHALL HAVE 6" WIDE BRACKETS AND 9" SIGNS SHALL HAVE 12" WIDE BRACKETS.
- PARKING RESTRICTION SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30 DEGREES OR MORE THAN 45 DEGREES WITH THE LINE OF TRAFFIC FLOW IN ORDER TO BE VISIBLE TO APPROACHING TRAFFIC, PER GUIDANCE IN SECTION 2B OF THE MUTCD.
- ALL SIGNS SHALL BE PROVIDED AND INSTALLED BY THE DEVELOPER PER THE APPROVED PERMITTED PLANS.
- THE CONTRACTOR SHALL RETURN ALL TRAFFIC SIGNAL EQUIPMENT AND SIGNS THAT ARE REMOVED TO THE CITY OF PEORIA MUNICIPAL OPERATIONS CENTER (MOC), 8850 N. 79TH AVENUE. CONTACT THE STREETS ADMINISTRATIONS OFFICE AT 623-773-7456 TO SET UP A DROP-OFF TIME.
- THE SIGN TYPES AND SIZES INCLUDED IN THE PEORIA SIGN REFERENCE GUIDE PROVIDE ADDITIONAL GUIDANCE AND CLARIFICATION TO THE MUTCD, AS IT IS APPLIED IN THE CITY OF PEORIA.
- THE ENGINEERING INSPECTOR MAY REQUIRE THE CONTRACTOR TO MAKE ANY ADJUSTMENTS DEEMED NECESSARY TO ADDRESS CONDITIONS NOT INCLUDED IN THE APPROVED PERMITTED PLANS.

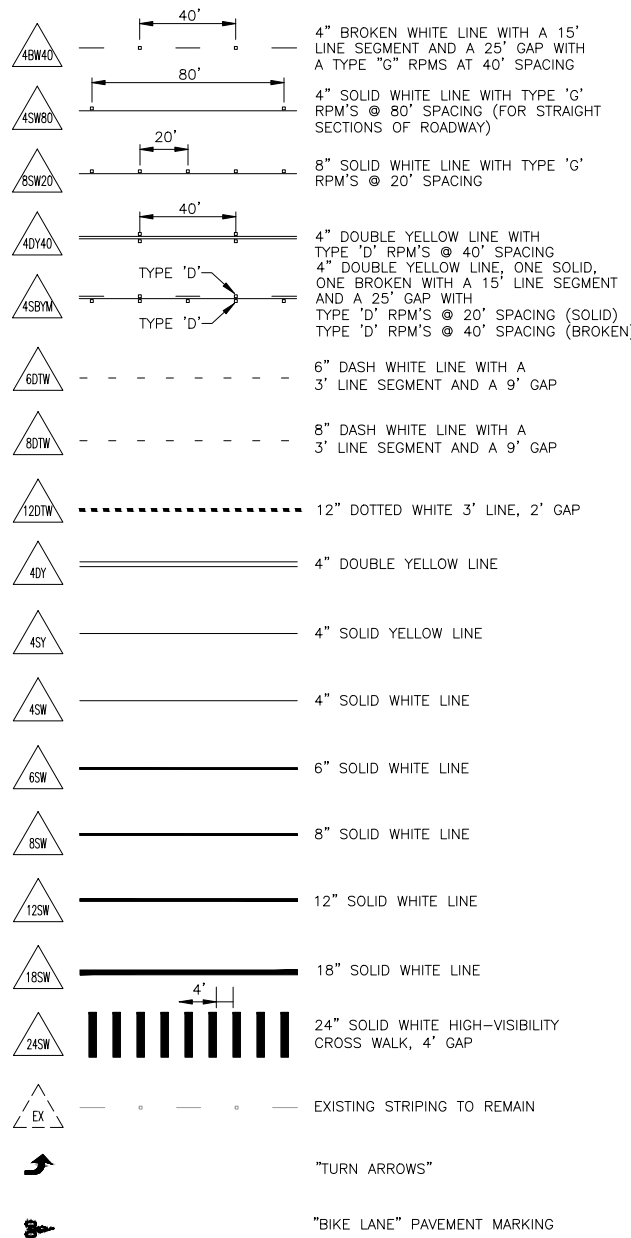
### SIGN LEGEND:

EX EXISTING SIGN

NEW SIGN (1 POST)



### STRIPING LEGEND:



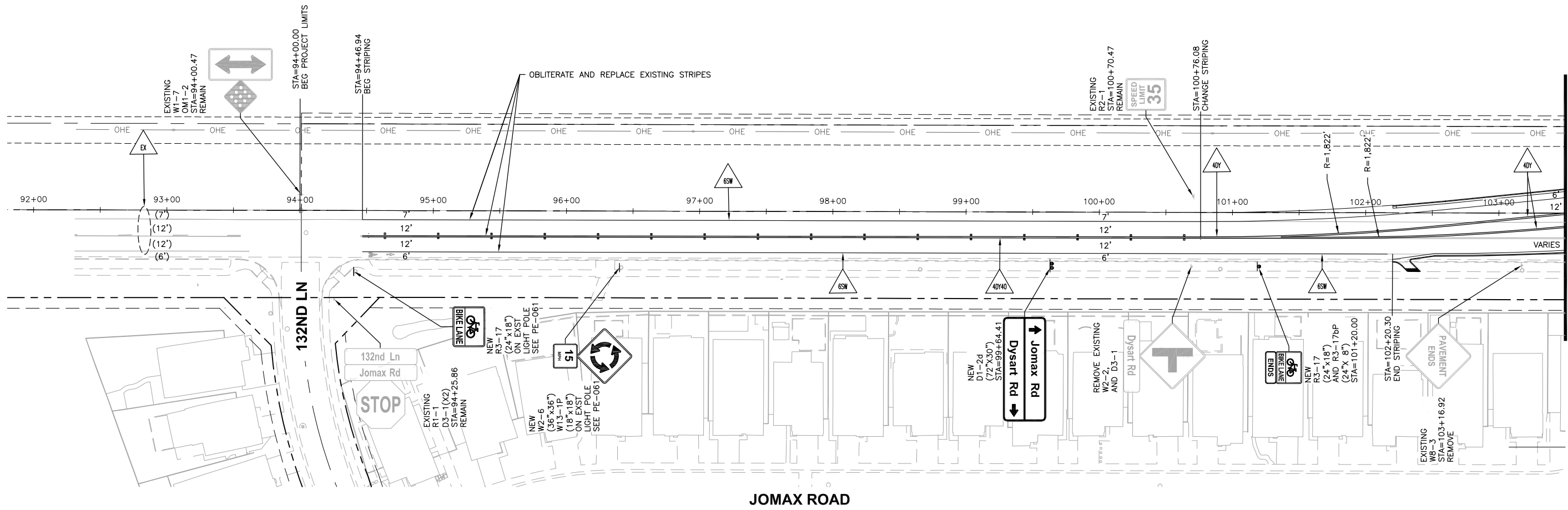
JOMAX ROAD				
APPROXIMATE PAVEMENT MARKING QUANTITIES				
BID ITEM NO.	ITEM	UNIT	QUANTITIES	
49	PAVEMENT MARKING WATER BASED PAINT 15 MIL	4" WHITE (EQUIVALENT)	LF	14,212
50		4" YELLOW (EQUIVALENT)	LF	12,831
52	PAVEMENT MARKING ALKYD THERMOPLASTIC BASED PAINT 90 MIL	4" WHITE (EQUIVALENT)	LF	14,212
53		4" YELLOW (EQUIVALENT)	LF	12,831
54	PAVEMENT MARKING (TRANSVERSE)	4" WHITE (EQUIVALENT)	LF	1,998
55	3M STAMARK PAVEMENT MARKING TAPE	"YIELD" LEGEND (CITY OF PEORIA DET. PE-021)	EA	3
56		SPEED HUMP CHEVRON	EA	6
57		BIKE LANE (CITY OF PEORIA DET. PE-021)	EA	6
58	RAISED PAVEMENT MARKERS	TYPE D	EA	198
48	OBLITERATE EXISTING STRIPING	4" YELLOW	LF	6,686
48	OBLITERATE EXISTING STRIPING	4" WHITE	LF	2,159

APPROXIMATE SIGN QUANTITIES			
BID ITEM NO.	ITEM	UNIT	QUANTITY
46	REMOVE AND SALVAGE SIGNS	EACH	14
59	SIGN POST (PERFORATED) (SINGLE)	LFT.	578
60	FOUNDATION FOR SQUARE TUBE POST	EACH	44
61	REGULATORY, WARN, OR MARKER SIGN PANEL W/TYP XI SHT	SQ.FT.	305

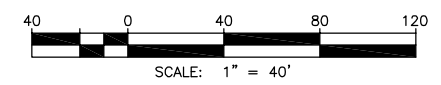


NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	05/26	CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY  90%  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	TG	DATE	05/26		
CHECKED	DPF	DATE	05/26		
		<b>JOMAX RD - DYSART RD TO 126TH DR</b>		SIGNING AND STRIPING NOTES AND LEGEND	
DRAWING NO.	SS01	LOCATION	SHEET 52 OF 83		



JOMAX ROAD



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

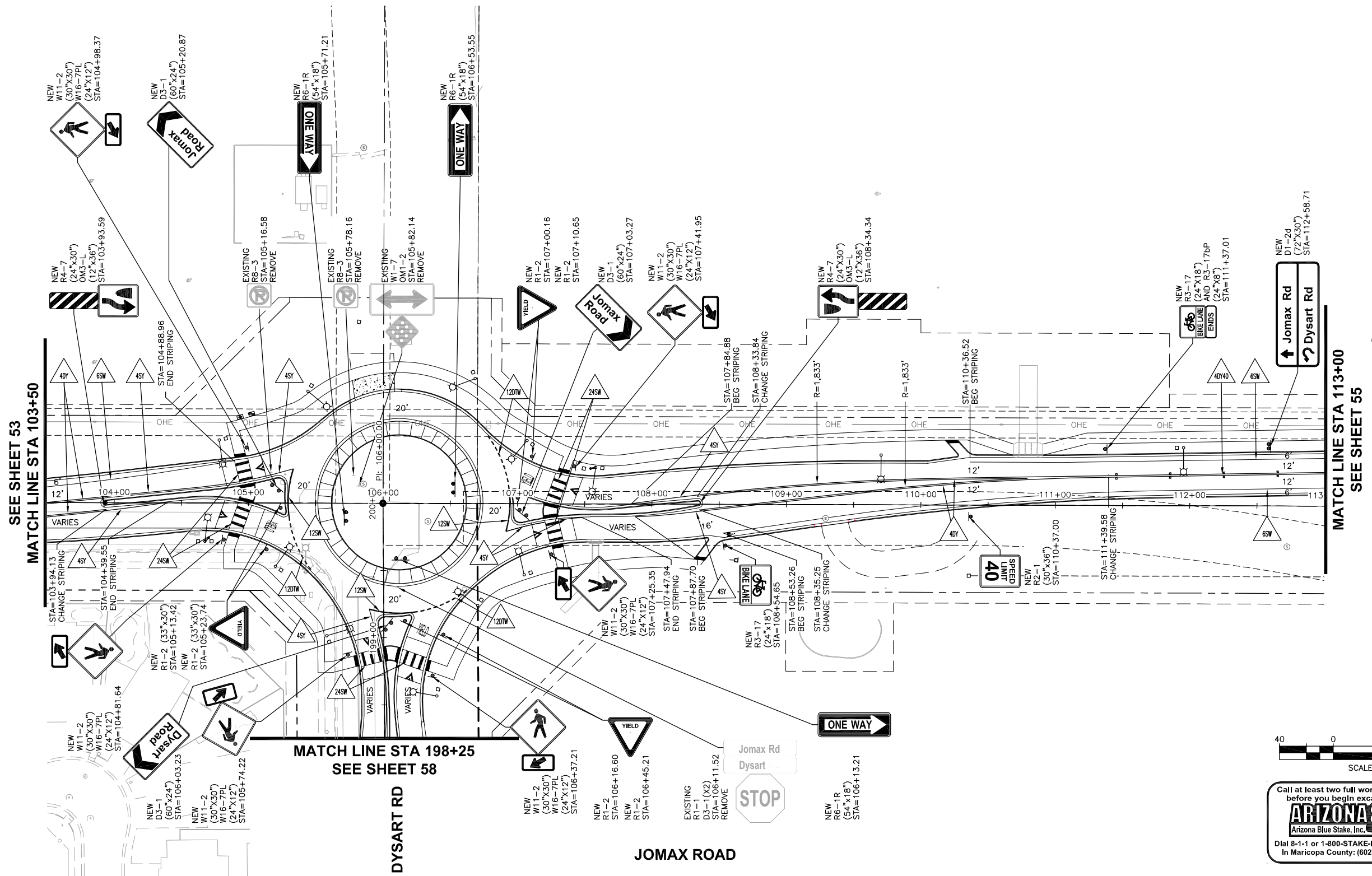
**ARIZONA 811**  
Arizona Blue Stake, Inc.

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NO.	REVISION	BY	APPR	DATE

DESIGN	CWW	5/26	<b>CITY OF PEORIA</b> <b>ENGINEERING DEPARTMENT</b>  <b>SIGNING AND STRIPING PLAN</b>	<b>PRELIMINARY</b>  <b>90%</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	GWW	5/26		
CHECKED	TCW	5/26		
		<b>JOMAX RD - DYSART RD TO 126TH DR</b>		SHEET 53 OF 83



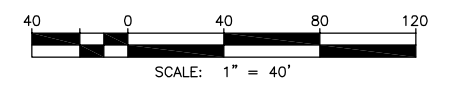
SEE SHEET 53  
MATCH LINE STA 103+50

MATCH LINE STA 113+00  
SEE SHEET 55

MATCH LINE STA 198+25  
SEE SHEET 58

DYSART RD

JOMAX ROAD



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

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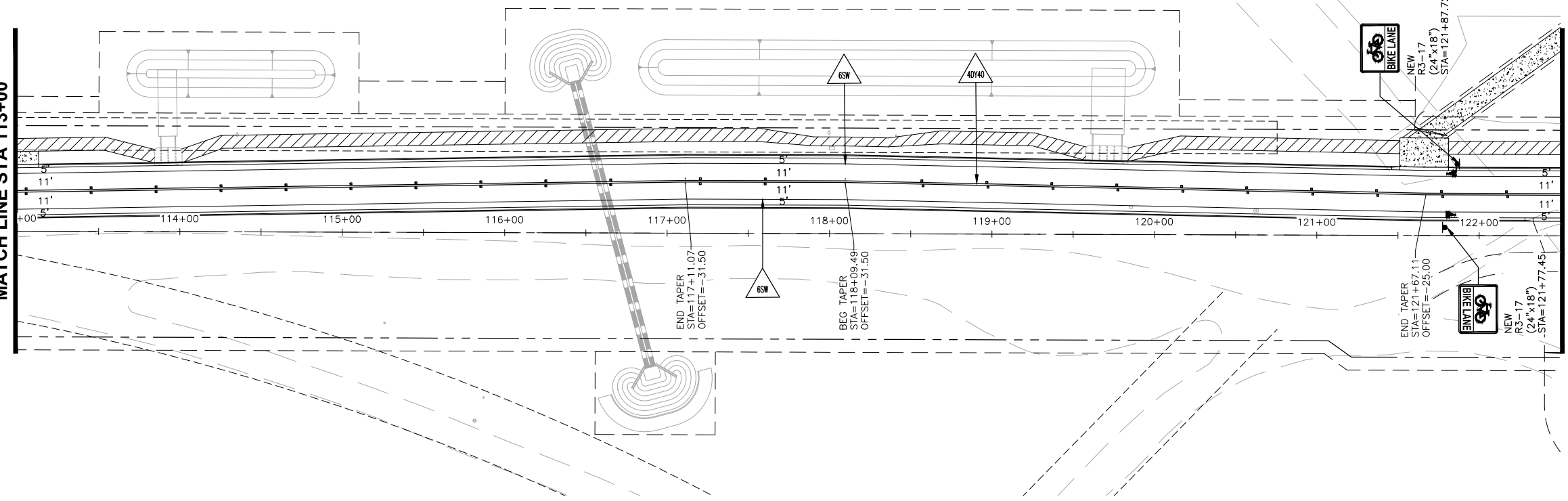
NO.	REVISION	BY	APPR	DATE

	NAME	DATE	<b>CITY OF PEORIA</b> <b>ENGINEERING DEPARTMENT</b>  <b>SIGNING AND STRIPING PLAN</b>	<b>PRELIMINARY</b>  <b>90%</b>  NOT FOR CONSTRUCTION OR RECORDING	
	DESIGN	GWW			5/26
	DRAWN	GWW			5/26
CHECKED	TCW	5/26	<b>JOMAX RD - DYSART RD TO 126TH DR</b>		
DRAWING NO.	SS03		SHEET 54 OF 83		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

SEE SHEET 54  
MATCH LINE STA 113+00

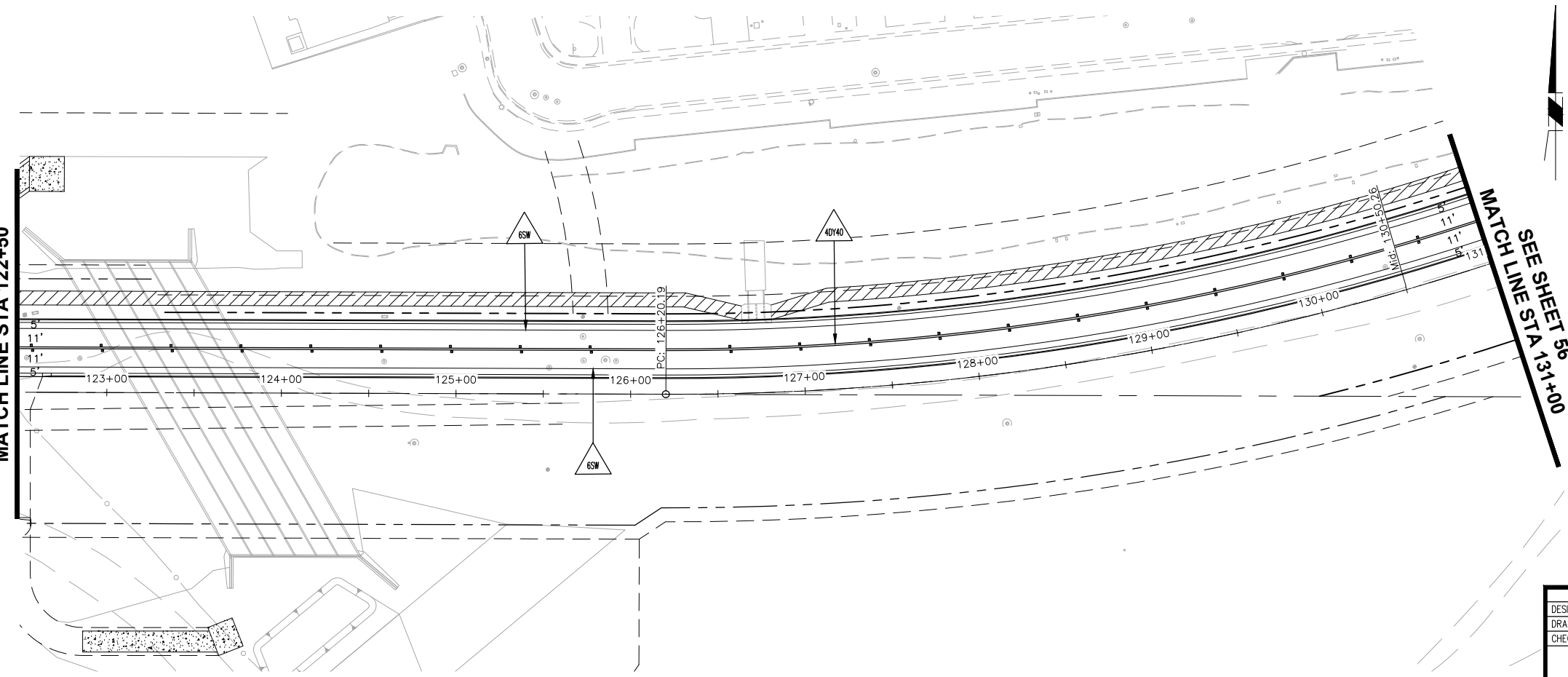
MATCH LINE STA 122+50  
SEE BELOW LEFT



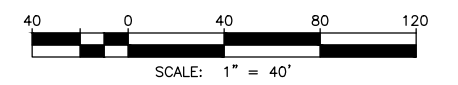
JOMAX ROAD

SEE ABOVE RIGHT  
MATCH LINE STA 122+50

MATCH LINE STA 131+00  
SEE SHEET 56



JOMAX ROAD



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

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In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

NAME	DATE
DESIGN: VLM	05/26
DRAWN: TG	05/26
CHECKED: DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**PRELIMINARY**  
90%  
NOT FOR CONSTRUCTION OR RECORDING

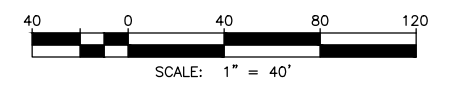
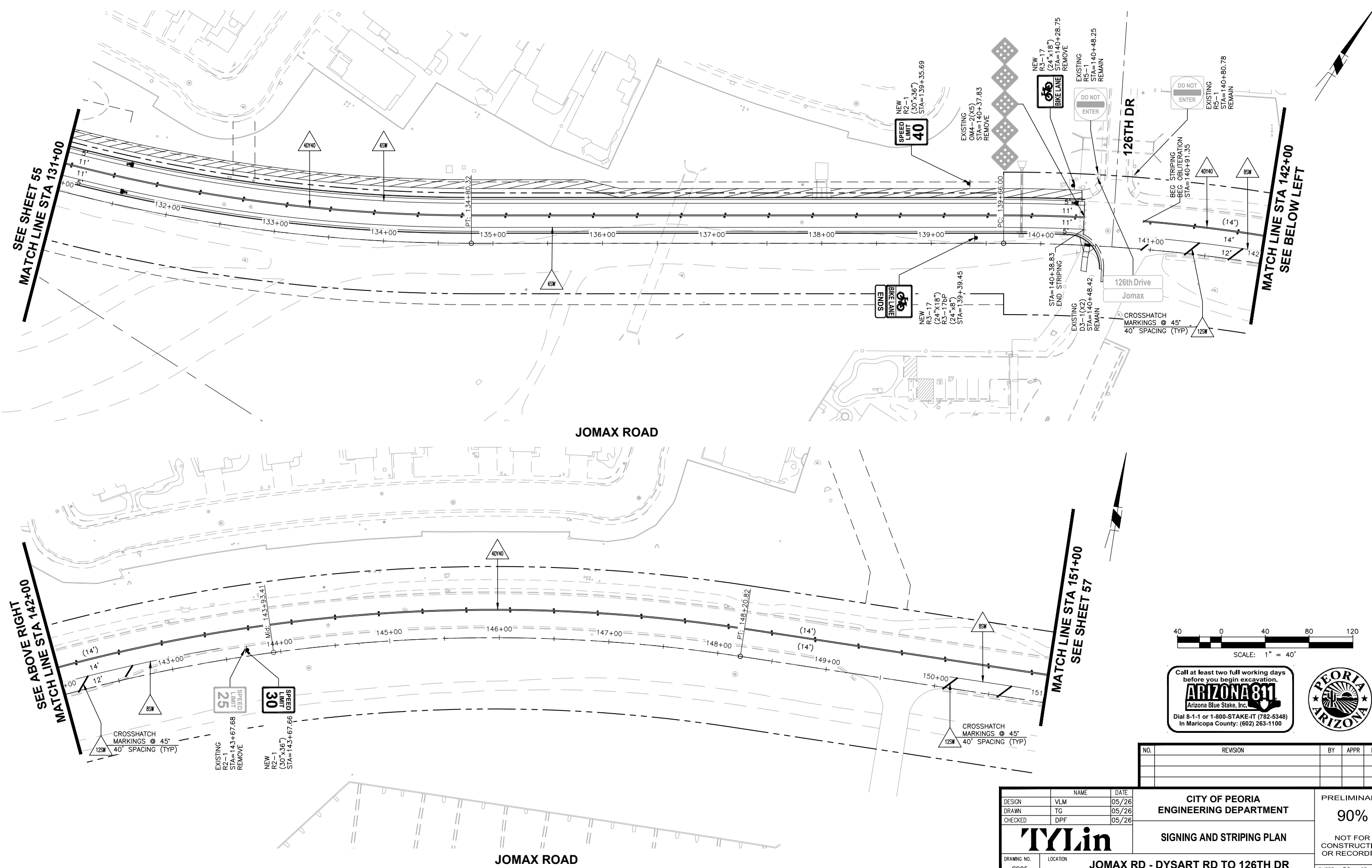
**TyLin**

DRAWING NO. SS04 LOCATION: JOMAX RD - DYSART RD TO 126TH DR

SHEET 55 OF 83

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



Call at least two full working days before you begin excavation.  
**ARIZONA 811**  
 Arizona Blue Stake, Inc.  
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 In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

NAME	DATE
DESIGN VLM	05/26
DRAWN TG	05/26
CHECKED DPF	05/26

**CITY OF PEORIA**  
**ENGINEERING DEPARTMENT**

**SIGNING AND STRIPING PLAN**

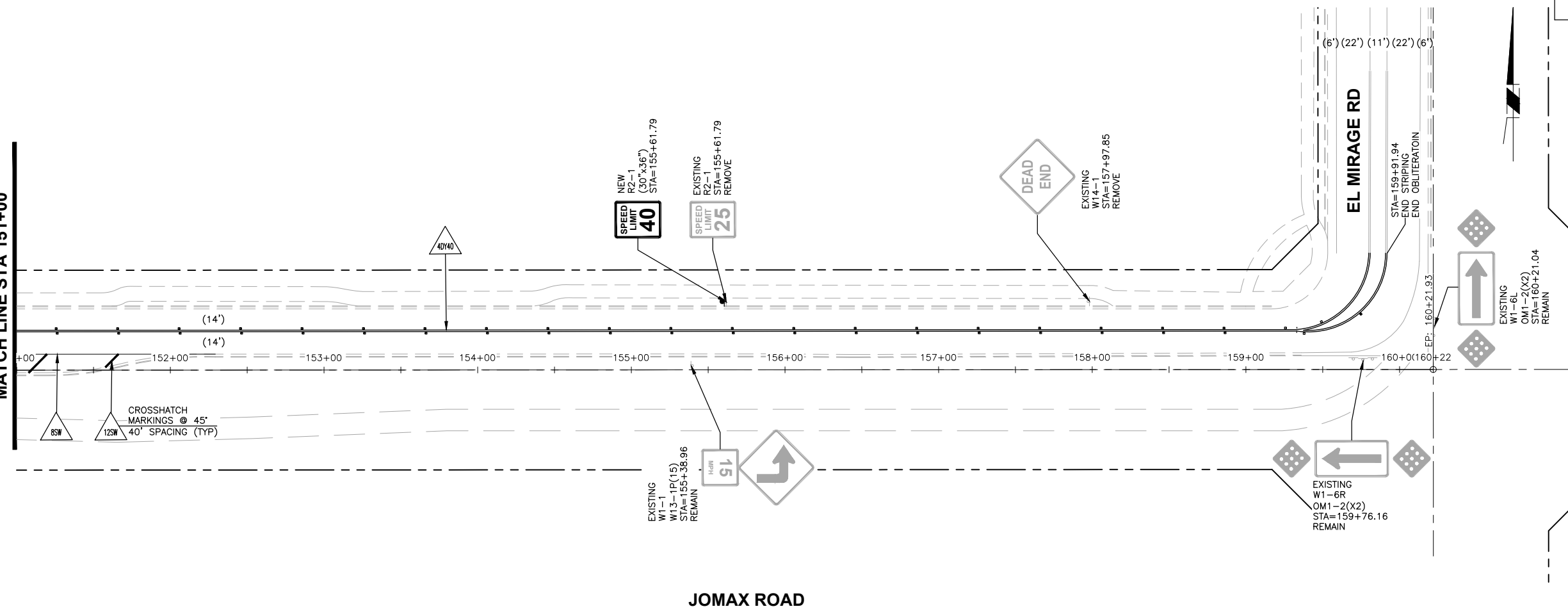
**PRELIMINARY**  
**90%**  
 NOT FOR CONSTRUCTION OR RECORDING

**JOMAX RD - DYSART RD TO 126TH DR**

SHEET 56 OF 83

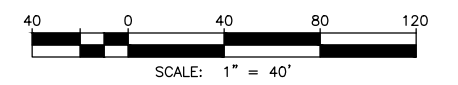
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

SEE SHEET 56  
MATCH LINE STA 151+00



JOMAX ROAD

EL MIRAGE RD



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NO.	REVISION	BY	APPR	DATE

	NAME	DATE
DESIGN	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**TYLin**

SIGNING AND STRIPING PLAN

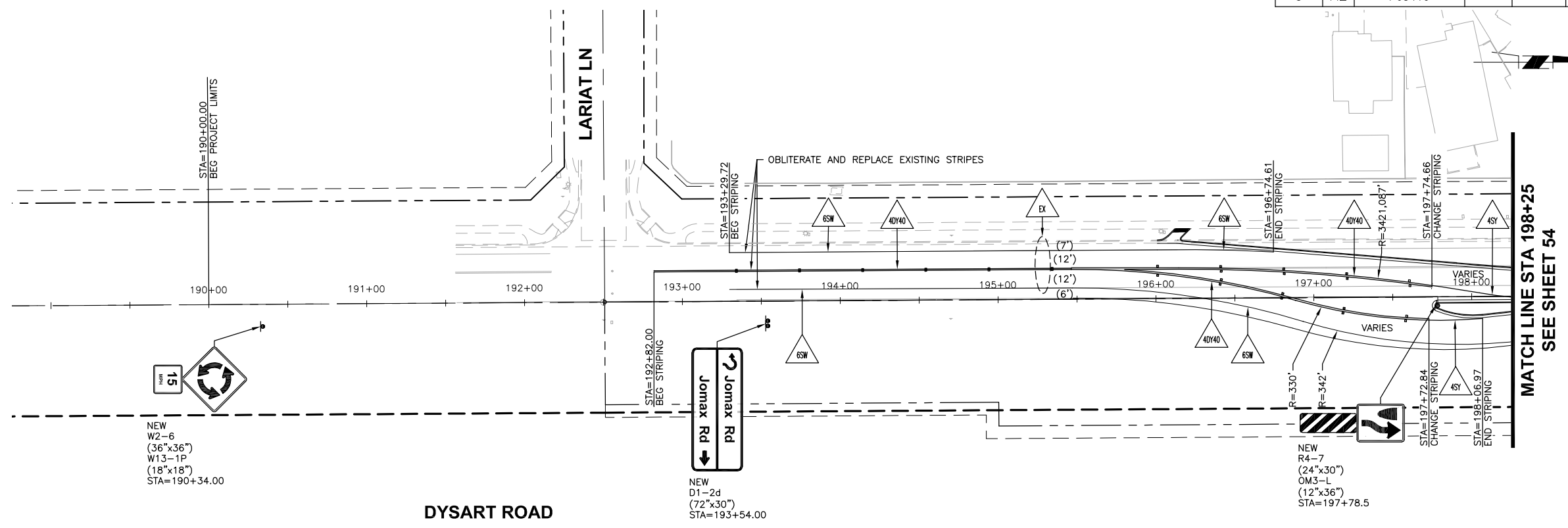
JOMAX RD - DYSART RD TO 126TH DR

PRELIMINARY  
90%  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 57 OF 83

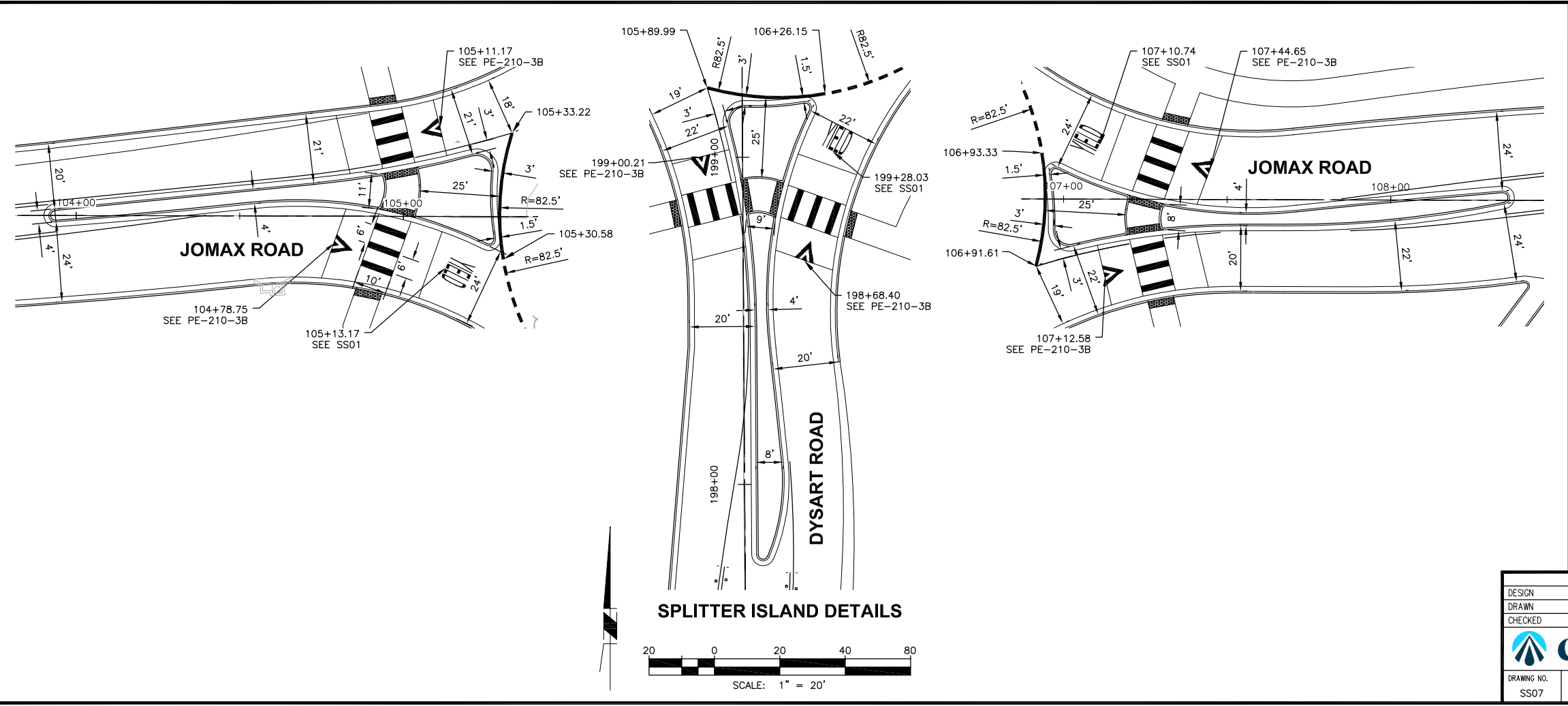
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

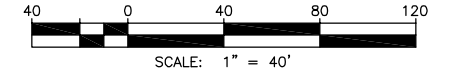
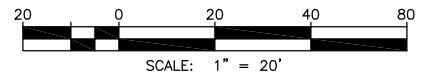


MATCH LINE STA 198+25  
SEE SHEET 54

DYSART ROAD



SPLITTER ISLAND DETAILS



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**ARIZONA 811**  
Arizona Blue Stake, Inc.

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In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

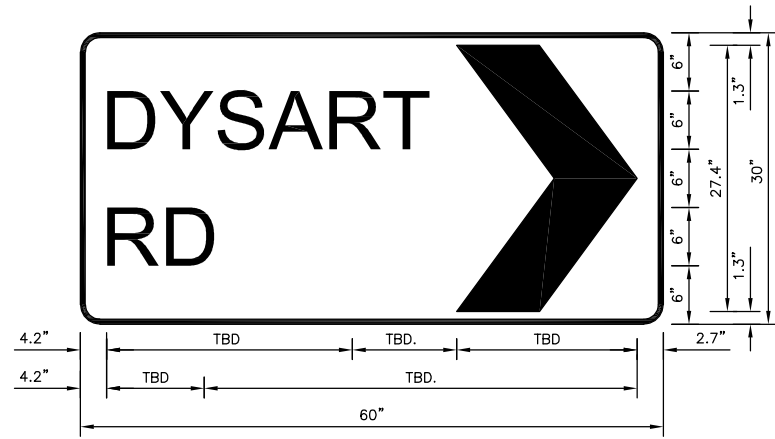
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DRAWN	GWW	5/26			
CHECKED	TCW	5/26			
DRAWING NO.	SS07		LOCATION	<b>JOMAX RD - DYSART RD TO 126TH DR</b>	
				SHEET 58 OF 83	

TY Lin Half Scale.ctb  
 George White  
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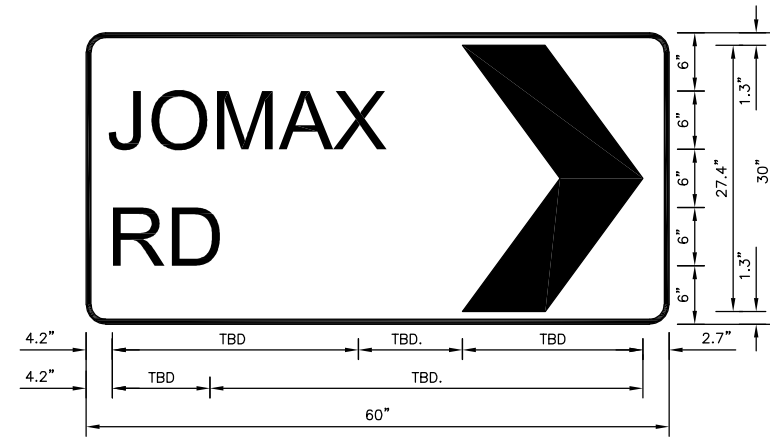
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

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George White  
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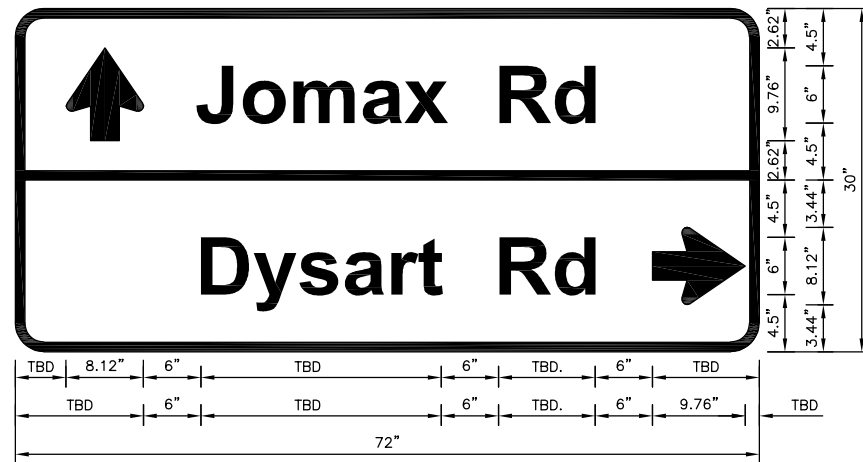
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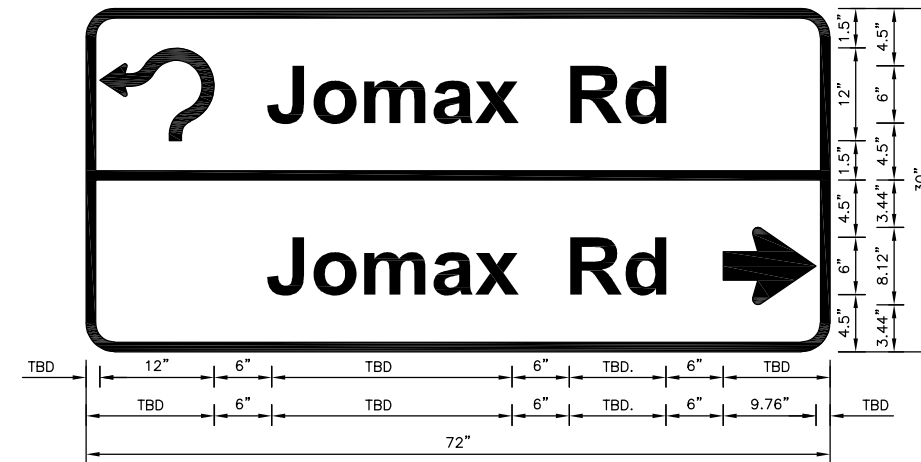
D3-1 (conventional road);  
0.4" Inner border Black, 1.9" Radius, 0.1" Outer border, 0.5" Indent, Black on White;  
"Dysart", ClearviewHwy-3-W;  
"Rd", ClearviewHwy-3-W;



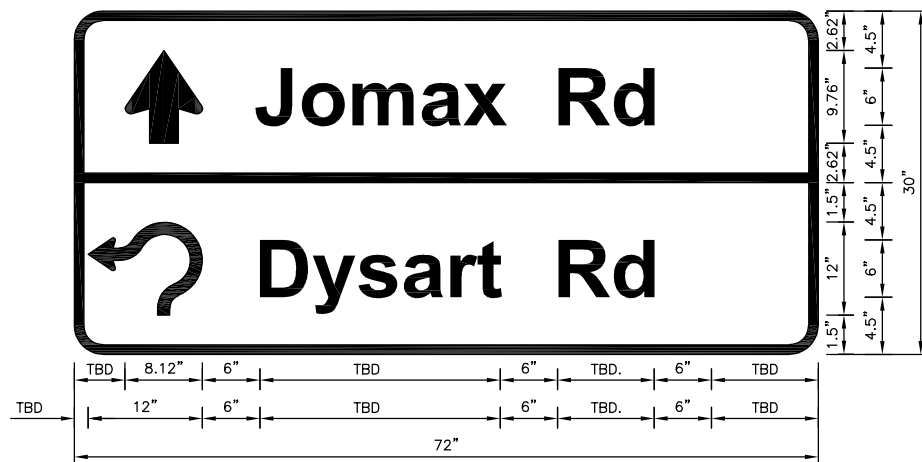
D3-1 (conventional road);  
0.4" Inner border Black, 1.9" Radius, 0.1" Outer border, 0.5" Indent, Black on White;  
"Jomax", ClearviewHwy-3-W;  
"Rd", ClearviewHwy-3-W;



D1-2d (conventional road);  
3.00" Radius, 1.00" Border, White on Green;  
90° Arrow 6" Type D1; "Jomax Rd" D;  
3.00" Radius, 1.00" Border, White on Green;  
"Dysart Rd" D; Arrow 6" Type D1 - O;



D1-2d (conventional road);  
3.00" Radius, 1.00" Border, White on Green;  
90° Advance Turn Arrow 6" Type C2; "Jomax Rd" D;  
3.00" Radius, 1.00" Border, White on Green;  
"Jomax Rd" D; Arrow 6" Type D1 - O;



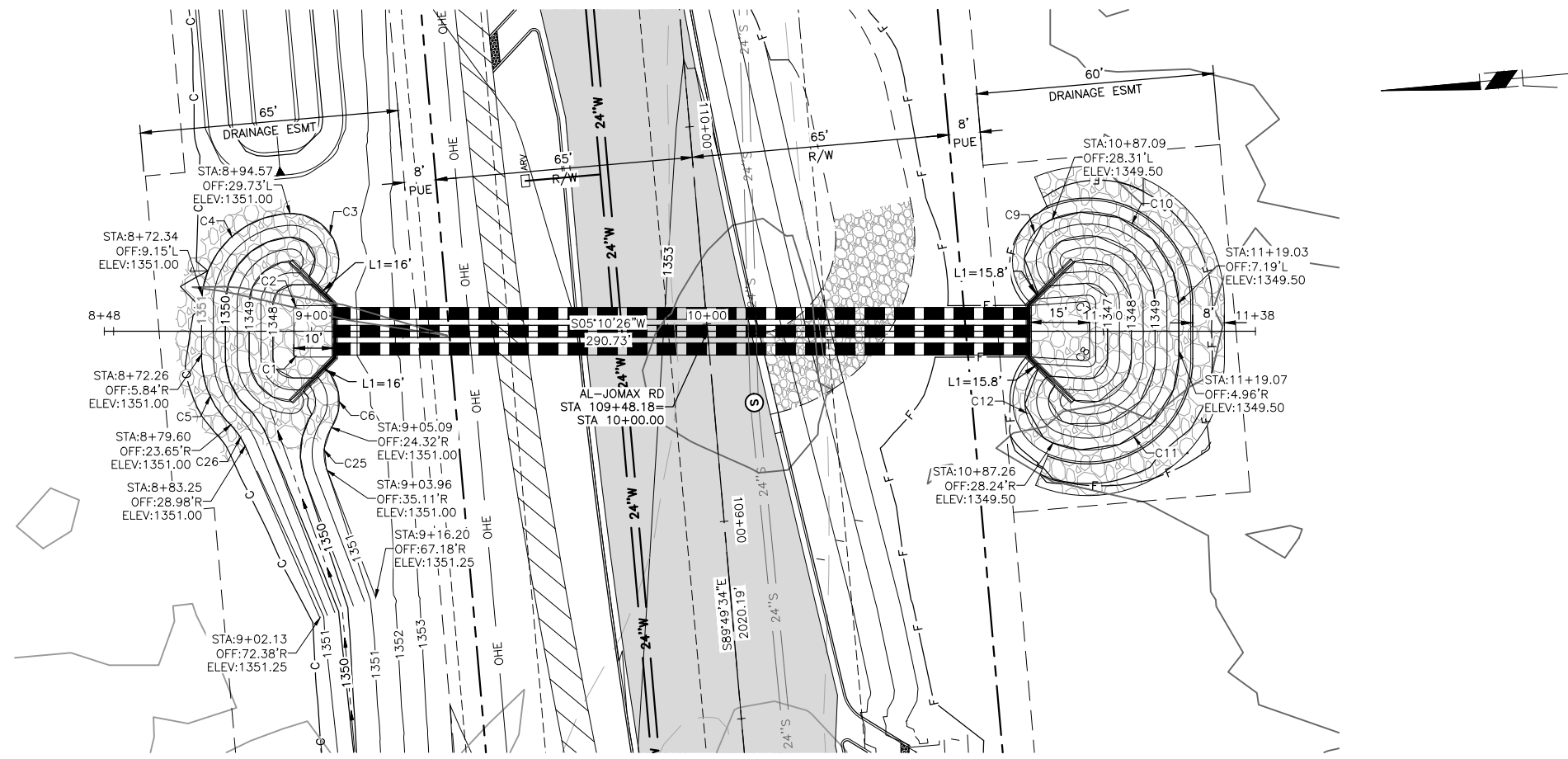
D1-2d (conventional road);  
3.00" Radius, 1.00" Border, White on Green;  
90° Arrow 6" Type D1; "Jomax Rd" D;  
3.00" Radius, 1.00" Border, White on Green;  
90° Advance Turn Arrow 6" Type C2; "Dysart Rd" D;



NO.	REVISION	BY	APPR	DATE

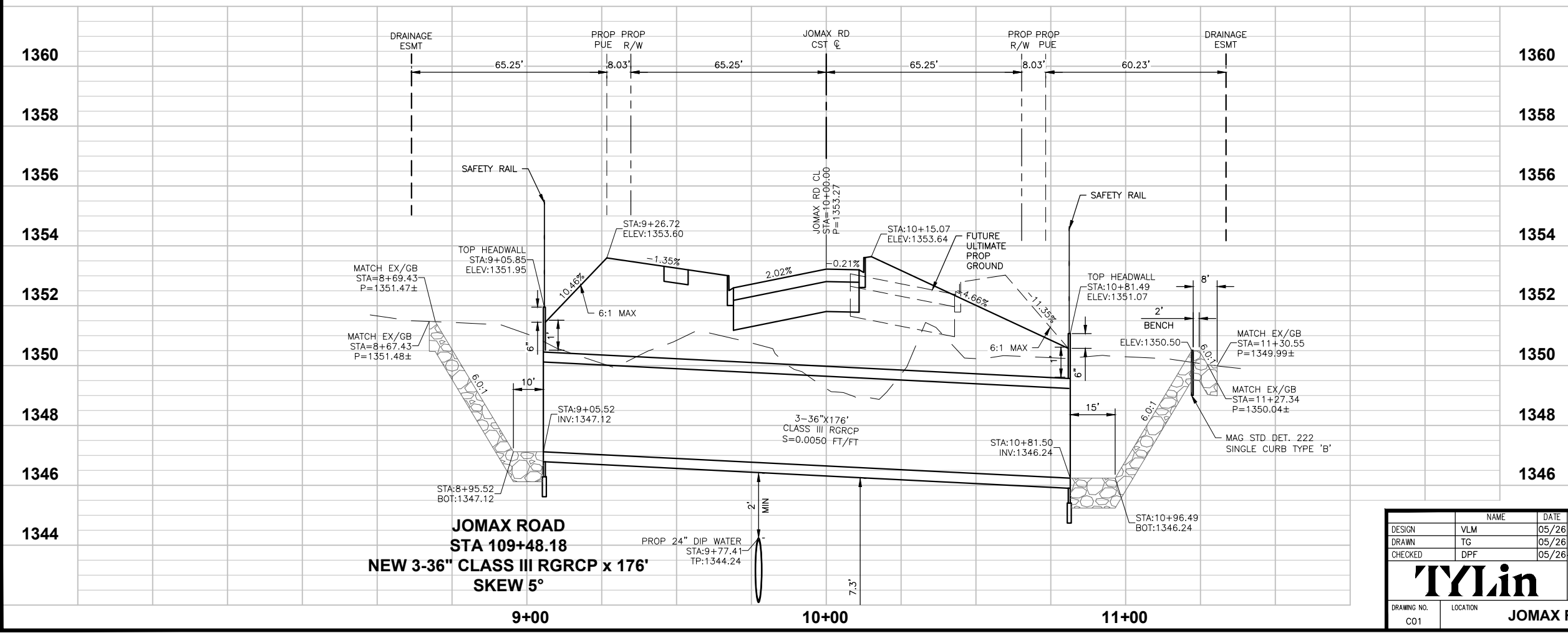
DESIGN	CWW	5/26	CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY  90%  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	GWW	5/26		
CHECKED	TCW	5/26		
		SIGN DETAILS		SHEET 59 OF 83
DRAWING NO. SS08	LOCATION JOMAX RD - DYSART RD TO 126TH DR			

NOTE:  
 MODIFIED HEADWALL WINGS TYPE 'U'  
 PER MAG STD DET 501-1 & 501-2  
 LENGTH L1 PER PLANS  
 CULVERT TRENCH PER MAG STD DET  
 200-1, TYPE 'E' TRENCH REPAIR &  
 DETAIL 200-3

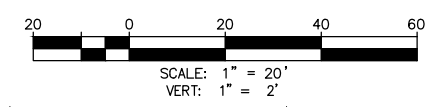


**JOMAX ROAD STA 109+48.18**

CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C1	S50°00'12"W	1.00'	1.57'	1.00'
C2	N39°59'37"W	1.00'	1.57'	1.00'
C3	N71°24'18"E	12.00'	28.42'	29.47'
C4	N37°37'22"W	23.00'	33.07'	20.12'
C5	S71°32'31"W	22.99'	18.83'	9.98'
C6	N89°24'04"E	12.00'	16.19'	9.60'
C7	N48°01'46"E	1.00'	1.64'	1.07'
C8	S38°01'34"E	1.00'	1.64'	1.07'
C9	N74°01'53"W	11.50'	22.62'	17.27'
C10	N38°39'12"E	23.00'	45.24'	34.55'
C11	S28°39'01"E	23.00'	45.24'	34.55'
C12	S83°50'59"W	11.50'	22.54'	17.15'
C25	N78°49'42"W	12.00'	11.26'	6.08'
C26	S60°44'54"W	17.12'	6.50'	3.29'



**JOMAX ROAD  
 STA 109+48.18  
 NEW 3-36" CLASS III RGRCP x 176"  
 SKEW 5°**



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

**ARIZONA 811**  
 Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
 In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DESIGN	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA  
 ENGINEERING DEPARTMENT**

**CULVERT PLAN & PROFILE**

**JOMAX RD - DYSART RD TO 126TH DR**

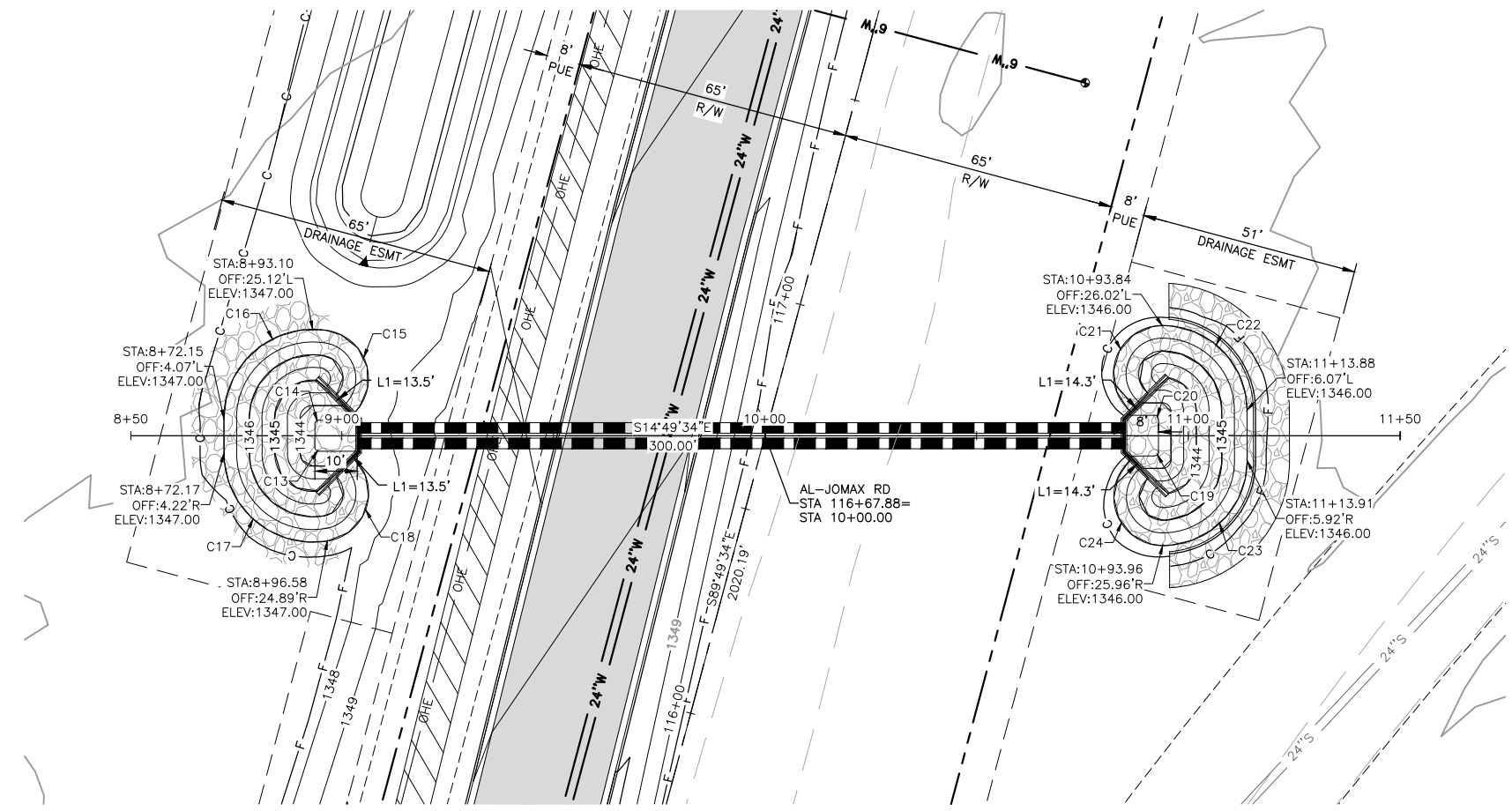
PRELIMINARY  
**90%**  
 NOT FOR CONSTRUCTION OR RECORDING

SHEET 60 OF 83

TY Lin Half Scale.ctb  
 Don Fromm  
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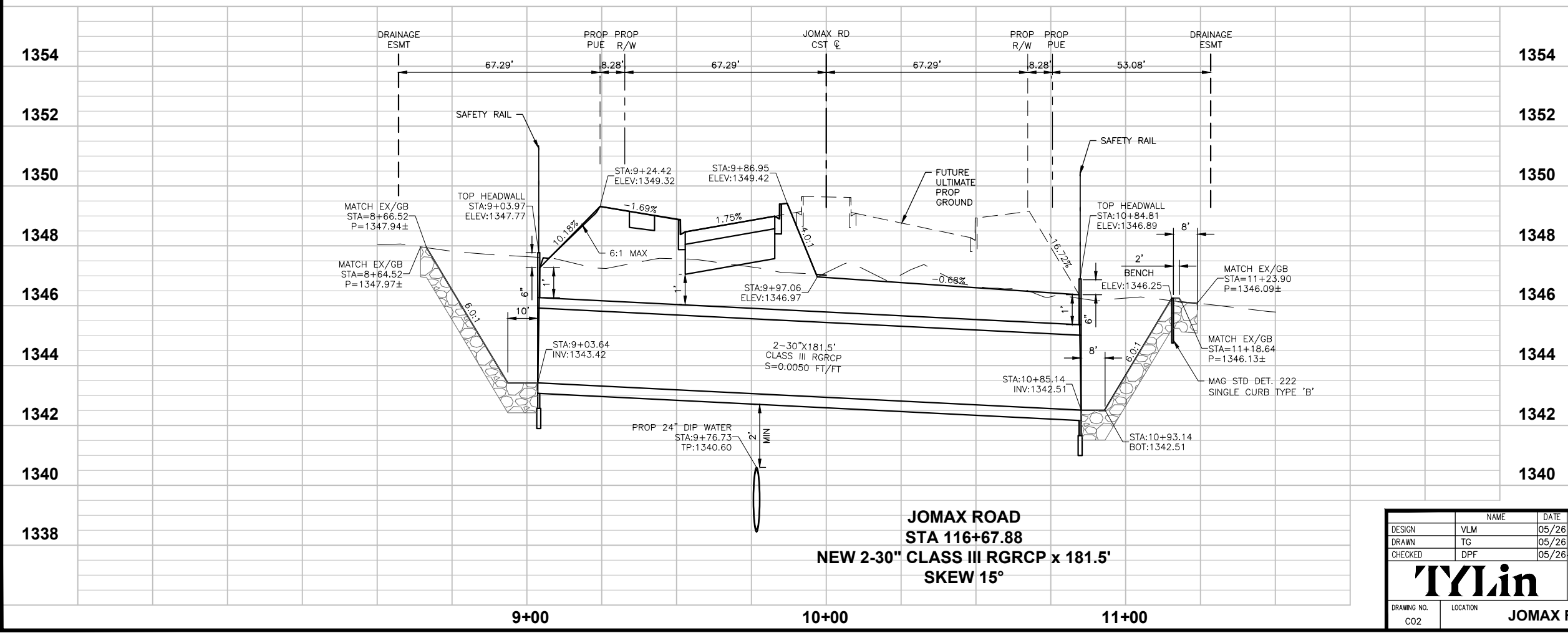
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

NOTE:  
 MODIFIED HEADWALL WINGS TYPE 'U'  
 PER MAG STD DET 501-1 & 501-2  
 LENGTH L1 PER PLANS  
 CULVERT TRENCH PER MAG STD DET  
 200-1, TYPE 'E' TRENCH REPAIR &  
 DETAIL 200-3

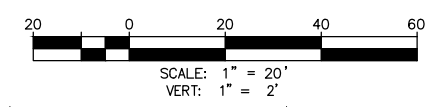


JOMAX ROAD STA 116+67.88

CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C13	S30°02'39"W	1.00'	1.57'	1.00'
C14	N59°57'21"W	1.00'	1.57'	1.00'
C15	N56°49'03"E	11.50'	25.52'	23.14'
C16	N55°23'45"W	21.00'	36.33'	24.64'
C17	S25°25'35"W	21.00'	36.37'	24.69'
C18	S86°51'30"E	11.50'	25.43'	22.91'
C19	S59°57'21"E	1.00'	1.57'	1.00'
C20	N30°02'39"E	1.00'	1.57'	1.00'
C21	N82°25'13"W	11.50'	27.13'	27.87'
C22	N30°02'39"E	20.00'	31.42'	20.00'
C23	S59°57'21"E	20.00'	31.42'	20.00'
C24	S54°30'38"W	11.50'	27.89'	30.73'



JOMAX ROAD  
 STA 116+67.88  
 NEW 2-30" CLASS III RGRCP x 181.5'  
 SKEW 15°



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

**ARIZONA 811**  
 Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
 In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DESIGN	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
 ENGINEERING DEPARTMENT

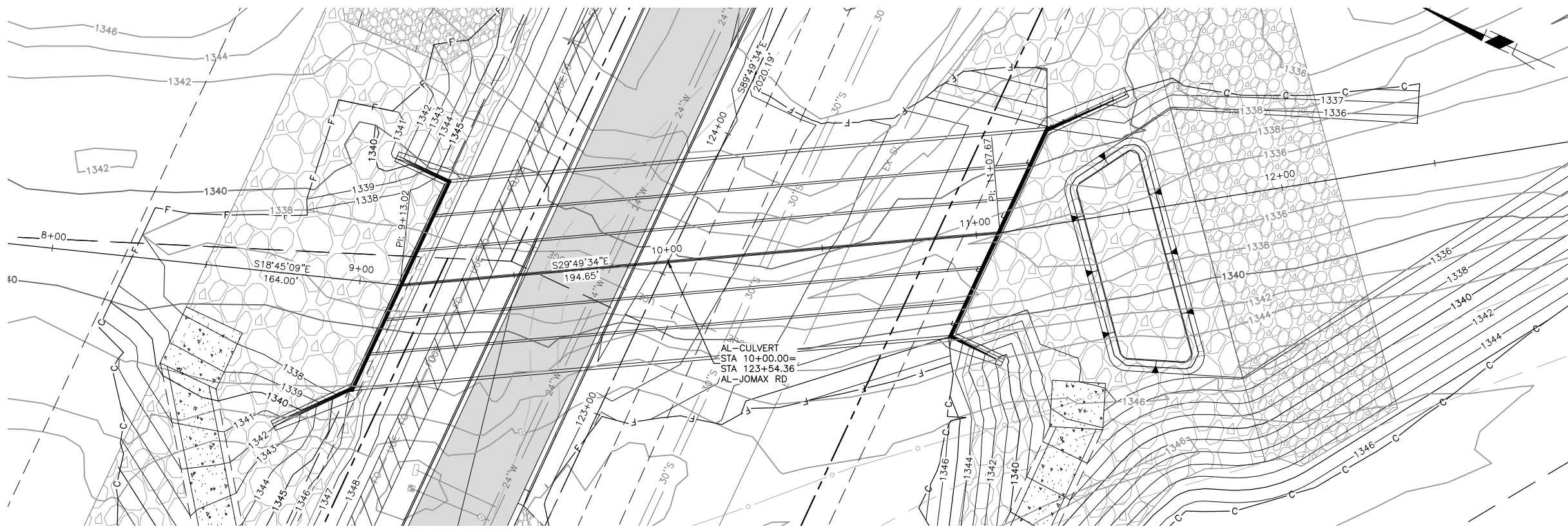
**CULVERT PLAN & PROFILE**

PRELIMINARY  
 90%  
 NOT FOR CONSTRUCTION OR RECORDING

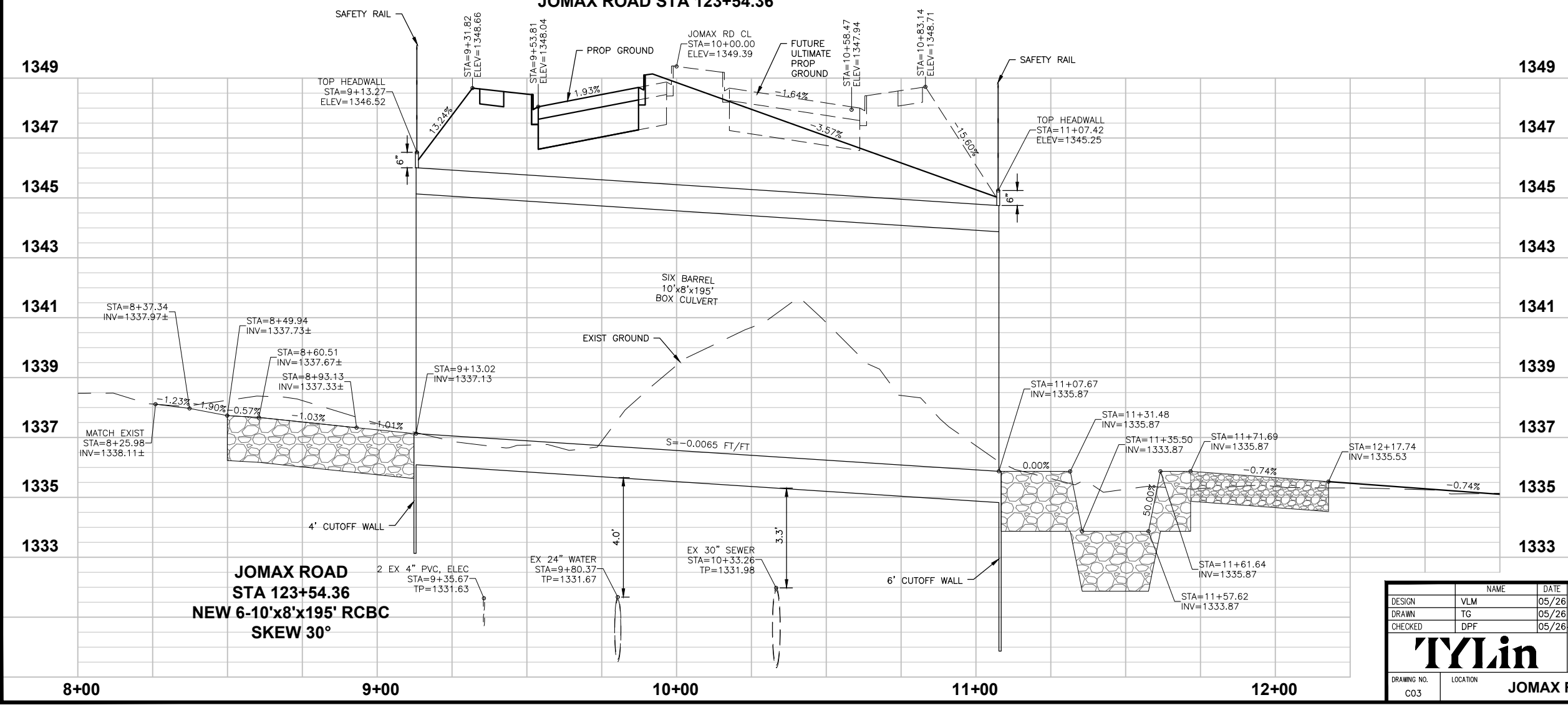
DRAWING NO. C02 LOCATION JOMAX RD - DYSART RD TO 126TH DR SHEET 61 OF 83

5/7/2026 2:34:37 PM Don Fromm TY Lin Half Scale.ctb

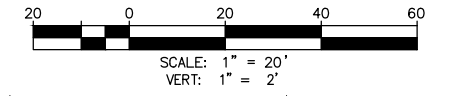
- NOTES:
1. INLET AND OUTLET WING DIMENSIONS SHALL BE BASED ON 30° SKEW WITH 4:1 SLOPES.
  2. FOR INLET AND OUTLET WING DETAILS, SEE ADOT DETAILS: SD 6.08-6 & SD 608-8 ON DETAIL SHEETS 12-13



**JOMAX ROAD STA 123+54.36**



**JOMAX ROAD  
STA 123+54.36  
NEW 6-10'x8'x195' RCBC  
SKEW 30°**



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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DESIGNED	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA  
ENGINEERING DEPARTMENT**

**CULVERT PLAN AND PROFILE**

**PRELIMINARY  
90%**

NOT FOR CONSTRUCTION OR RECORDING

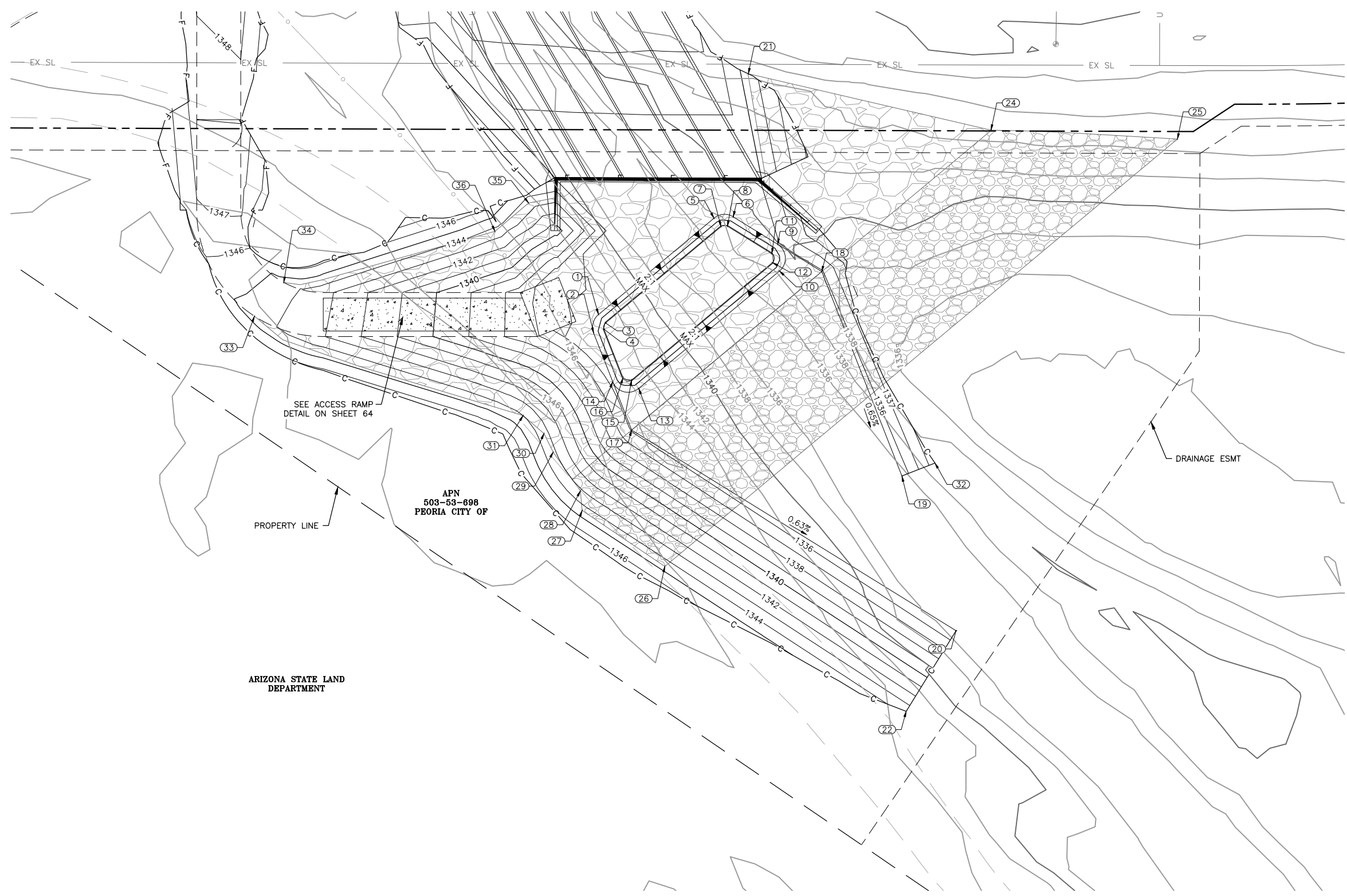
**TMLin**

DRAWING NO. C03 LOCATION **JOMAX RD - DYSART RD TO 126TH DR**

SHEET 62 OF 83

5/17/2026 2:35:00 PM Don Fromm T:\X\TLin\PHX\3010\0100625\002\600\_DysartHighway\04\_Sheets\P65410\_BD\_Culvert\_P4P.dwg

BASIN POINT TABLE			
Point #	Northing	Easting	Elevation
1	991401.37	572197.96	1335.87
2	991394.58	572196.21	1335.87
3	991398.30	572200.52	1333.87
4	991396.04	572199.94	1333.87
5	991436.40	572239.95	1335.87
6	991436.89	572246.95	1335.87
7	991433.33	572242.51	1333.87
8	991433.49	572244.85	1333.87
9	991426.91	572263.09	1335.87
10	991417.20	572263.77	1335.87
11	991423.51	572260.98	1333.87
12	991420.27	572261.21	1333.87
13	991374.49	572212.56	1335.87
14	991376.91	572203.13	1335.87
15	991377.56	572210.00	1333.87
16	991378.37	572206.86	1333.87
17	991359.35	572210.01	1335.87
18	991416.99	572279.13	1335.87
19	991342.65	572308.25	1335.35
20	991286.39	572327.96	1335.00
21	991488.93	572252.42	1344.55
22	991257.06	572309.82	1343.62
24	991468.44	572340.67	1344.75
25	991465.19	572408.45	1344.74
26	991309.76	572222.06	1346.06
27	991330.11	572192.01	1346.79
28	991337.21	572191.36	1346.58
29	991351.34	572181.49	1346.65
30	991358.10	572178.14	1346.45
31	991364.62	572170.53	1346.43
32	991347.37	572320.30	1338.59
33	991400.75	572072.87	1345.96
34	991413.01	572083.53	1346.09
35	991441.92	572172.53	1344.35
36	991431.64	572160.30	1346.25

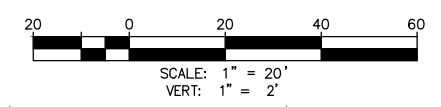


SEE ACCESS RAMP  
DETAIL ON SHEET 64

APN  
503-53-698  
PEORIA CITY OF

ARIZONA STATE LAND  
DEPARTMENT

DRAINAGE ESMT



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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

NAME	DATE
DESIGN VLM	05/26
DRAWN TG	05/26
CHECKED DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**CULVERT BASIN PLAN**

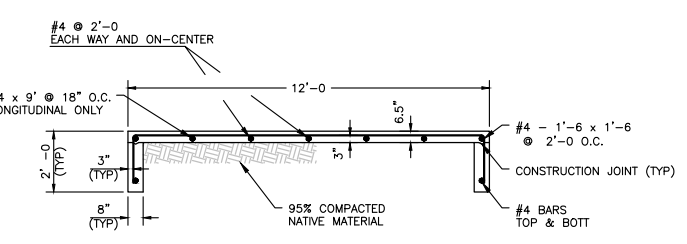
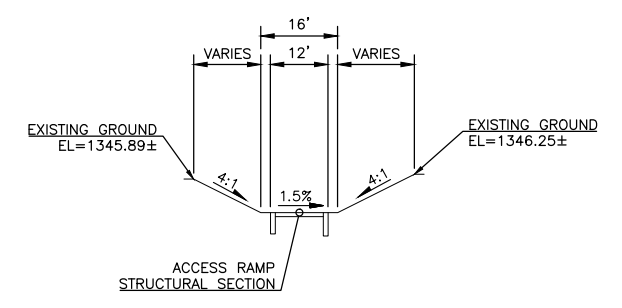
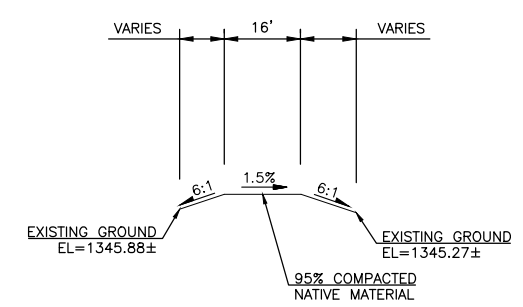
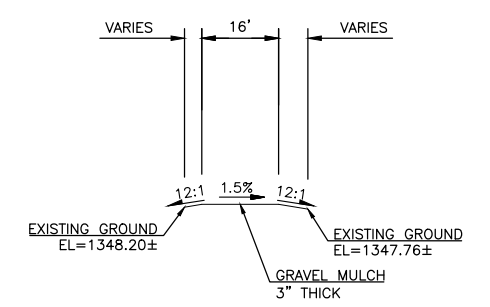
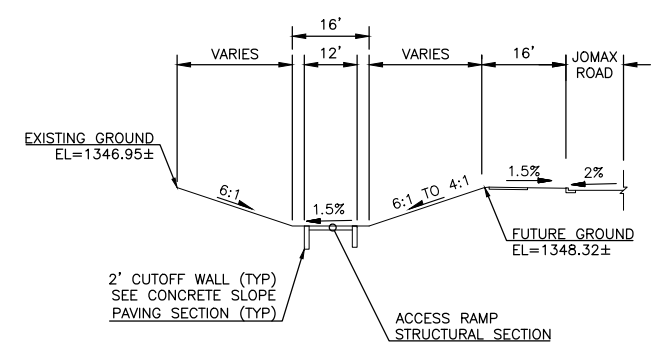
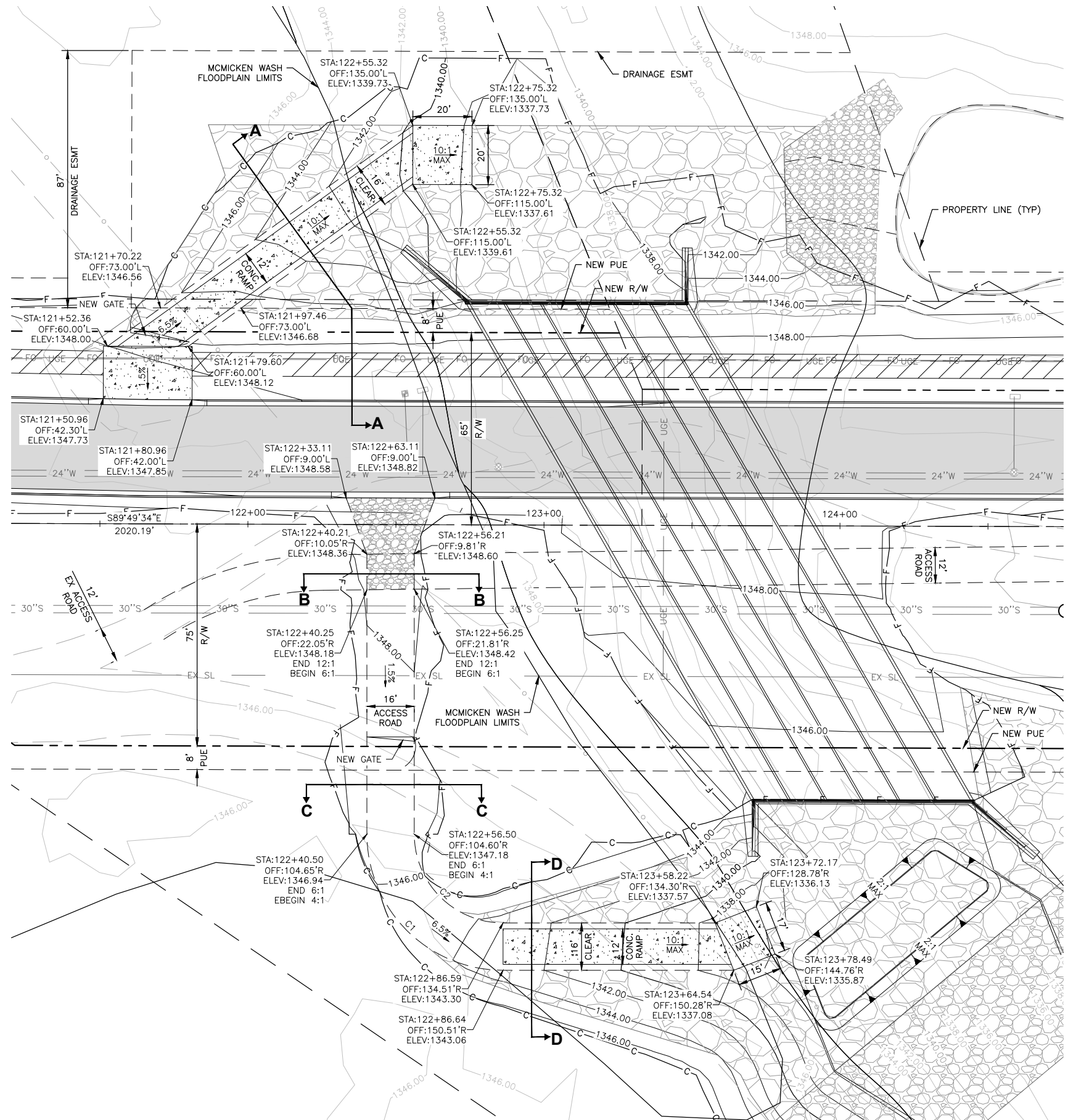
PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

DRAWING NO. C04 LOCATION **JOMAX RD - DYSART RD TO 126TH DR**

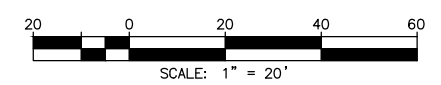
SHEET 63 OF 83



5/17/2026 2:35:16 PM Don Fromm TY Lin Half Scale.ctb



CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C1	S45°00'00"E	46.00'	72.26'	46.00'
C2	S45°00'00"E	30.00'	47.12'	30.00'



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

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Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

NAME	DATE
DESIGN VLM	05/26
DRAWN TG	05/26
CHECKED DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**MAINTENANCE RAMP DETAIL**

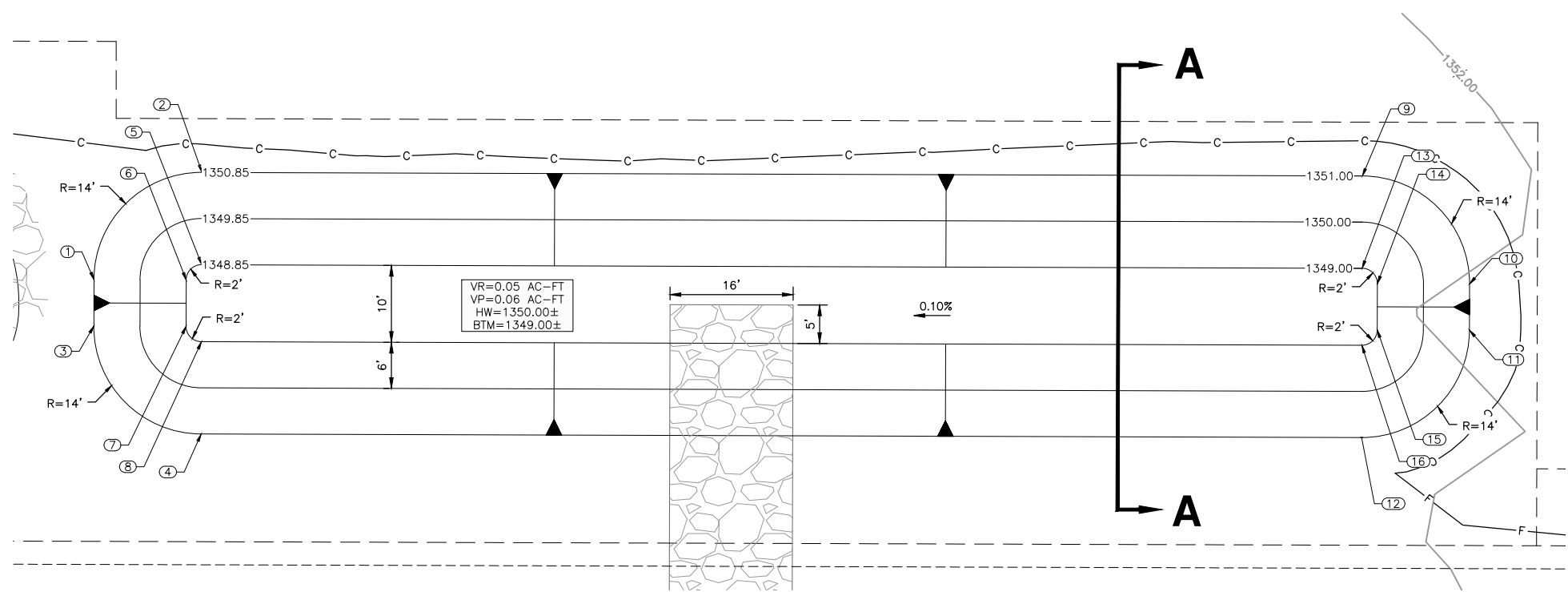
PRELIMINARY  
**90%**

NOT FOR CONSTRUCTION OR RECORDING

**JOMAX RD - DYSART RD TO 126TH DR**

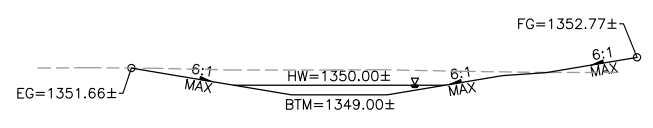
SHEET 64 OF 83

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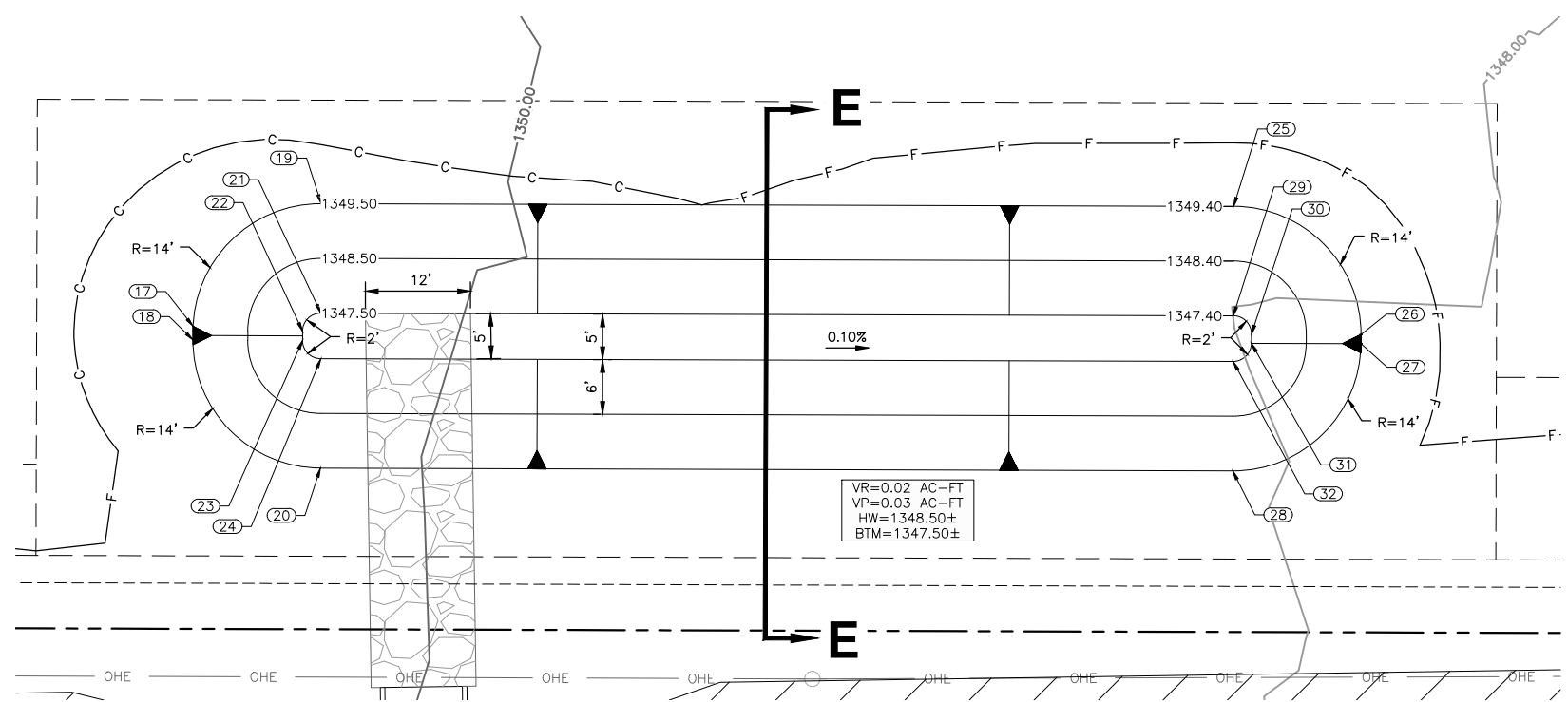
**RB A - JOMAX ROAD**

SEE SHEETS 32 & 70  
SCALE: 1"=10' H



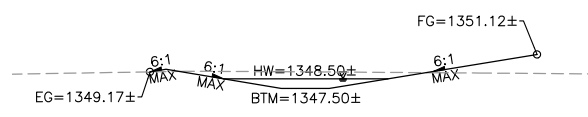
**SECTION A-A**

BASIN: RB-A  
SCALE: 1"=20' H  
1"=2' V



**RB E - JOMAX ROAD**

SEE SHEETS 34 & 70  
SCALE: 1"=10' H



**SECTION E-E**

BASIN: RB-E  
SCALE: 1"=20' H  
1"=2' V

BASIN-A POINT TABLE		
Point #	Northing	Easting
1	991654.79	570808.82
2	991668.75	570822.86
3	991648.79	570808.80
4	991634.75	570822.76
5	991656.75	570822.83
6	991654.75	570820.82
7	991648.75	570820.80
8	991646.75	570822.80
9	991668.29	570973.86
10	991654.25	570987.82
11	991648.25	570987.80
12	991634.29	570973.76
13	991656.29	570973.82
14	991654.28	570975.82
15	991648.28	570975.80
16	991646.29	570973.79

BASIN-E POINT TABLE		
Point #	Northing	Easting
17	991644.82	571179.14
18	991643.32	571179.14
19	991658.27	571193.17
20	991629.27	571193.09
21	991646.27	571193.14
22	991644.27	571191.14
23	991643.28	571191.14
24	991641.27	571193.13
25	991657.97	571293.18
26	991643.93	571307.14
27	991642.93	571307.13
28	991628.97	571293.10
29	991645.97	571293.14
30	991643.96	571295.14
31	991642.97	571295.13
32	991640.97	571293.13

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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

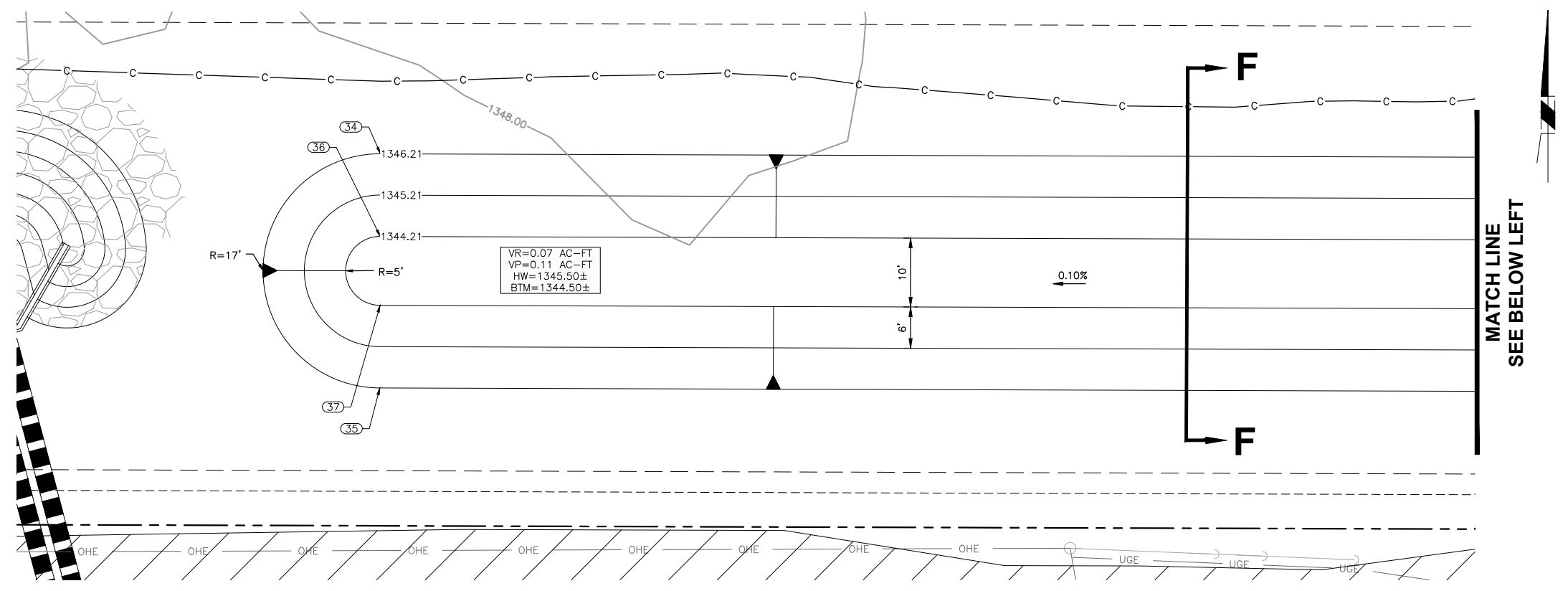
**RETENTION BASIN DETAIL**

**JOMAX RD - DYSART RD TO 126TH DR**

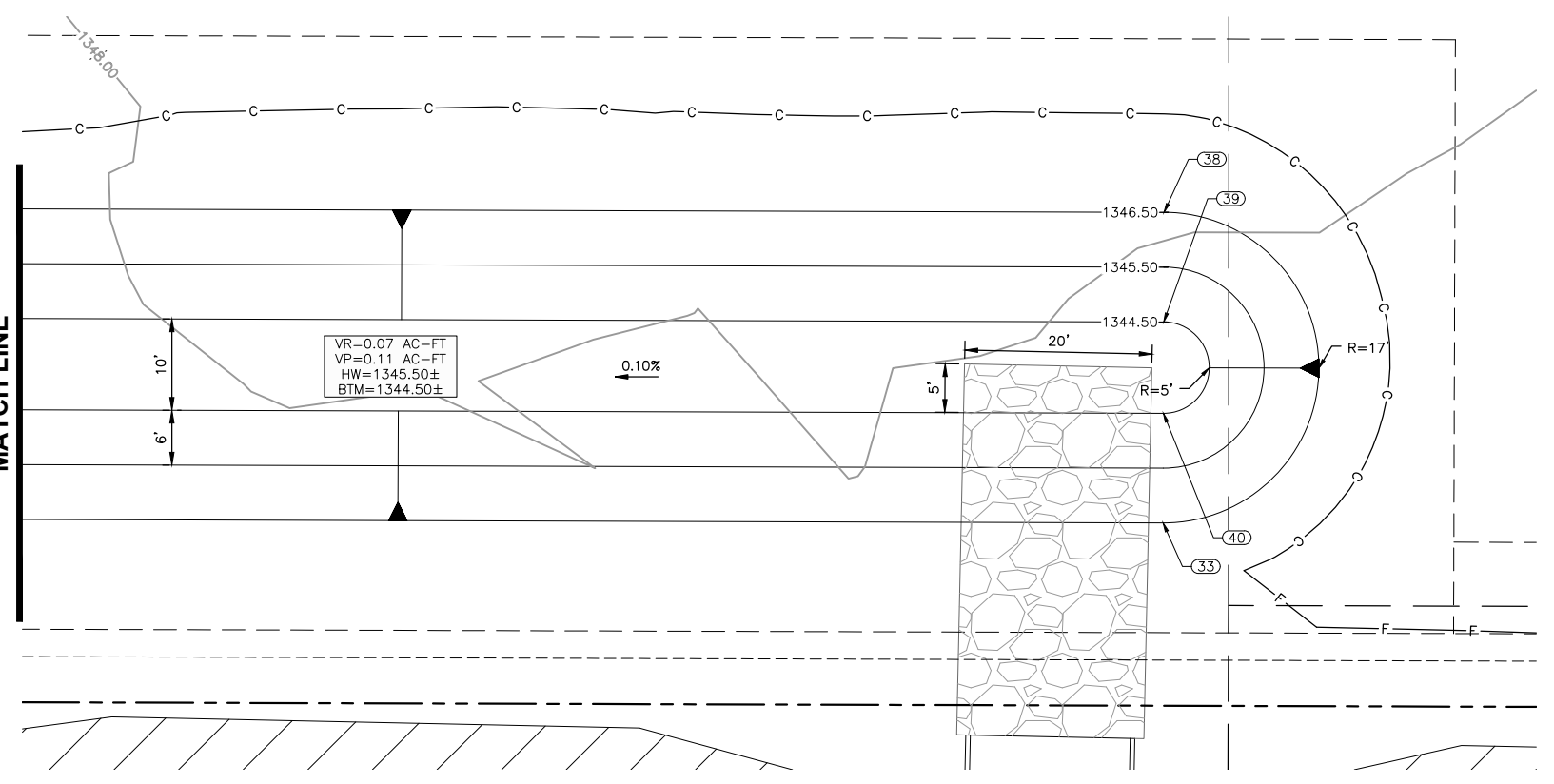
PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING  
SHEET 65 OF 83

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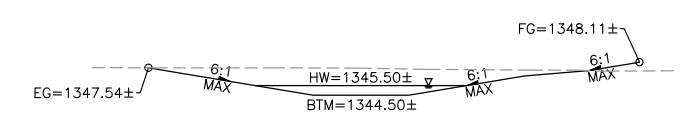
BASIN-F POINT TABLE		
Point #	Northing	Easting
33	991629.80	571795.12
34	991664.67	571511.23
35	991630.67	571511.12
36	991652.67	571511.19
37	991642.67	571511.16
38	991663.80	571795.22
39	991651.80	571795.19
40	991641.80	571795.16



**RB F - JOMAX ROAD**  
 SEE SHEETS 36 & 71  
 SCALE: 1"=10' H



**RB F - JOMAX ROAD**  
 SEE SHEETS 36 & 71  
 SCALE: 1"=10' H



**SECTION F-F**  
 BASIN: RB-F  
 SCALE: 1"=20' H  
 1"=2' V

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

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 Arizona Blue Stake, Inc.

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NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DESIGN	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
**ENGINEERING DEPARTMENT**

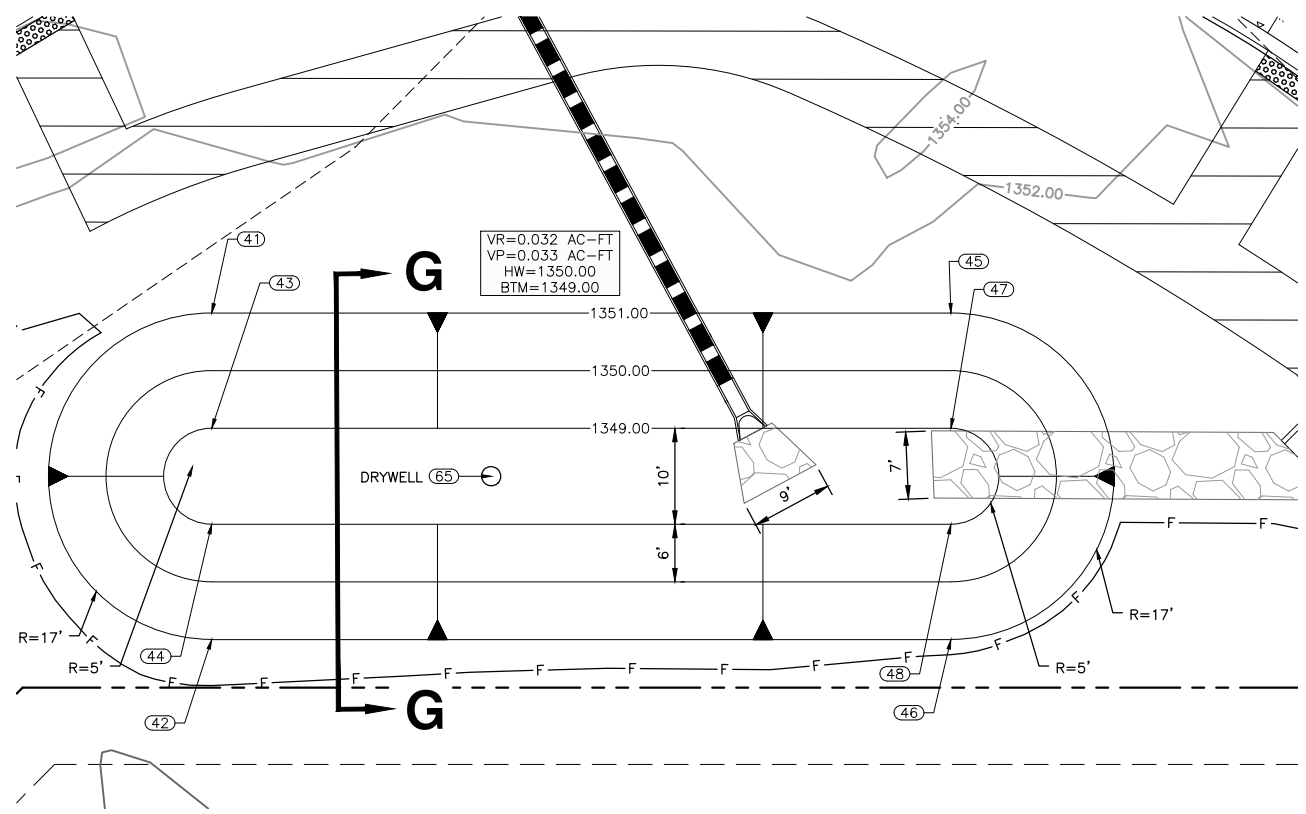
**RETENTION BASIN DETAIL**

**PRELIMINARY**  
**90%**  
 NOT FOR CONSTRUCTION OR RECORDING

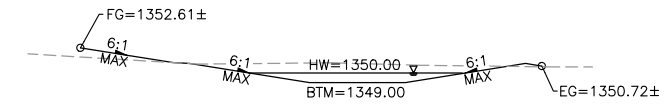
**JOMAX RD - DYSART RD TO 126TH DR**

SHEET 66 OF 83

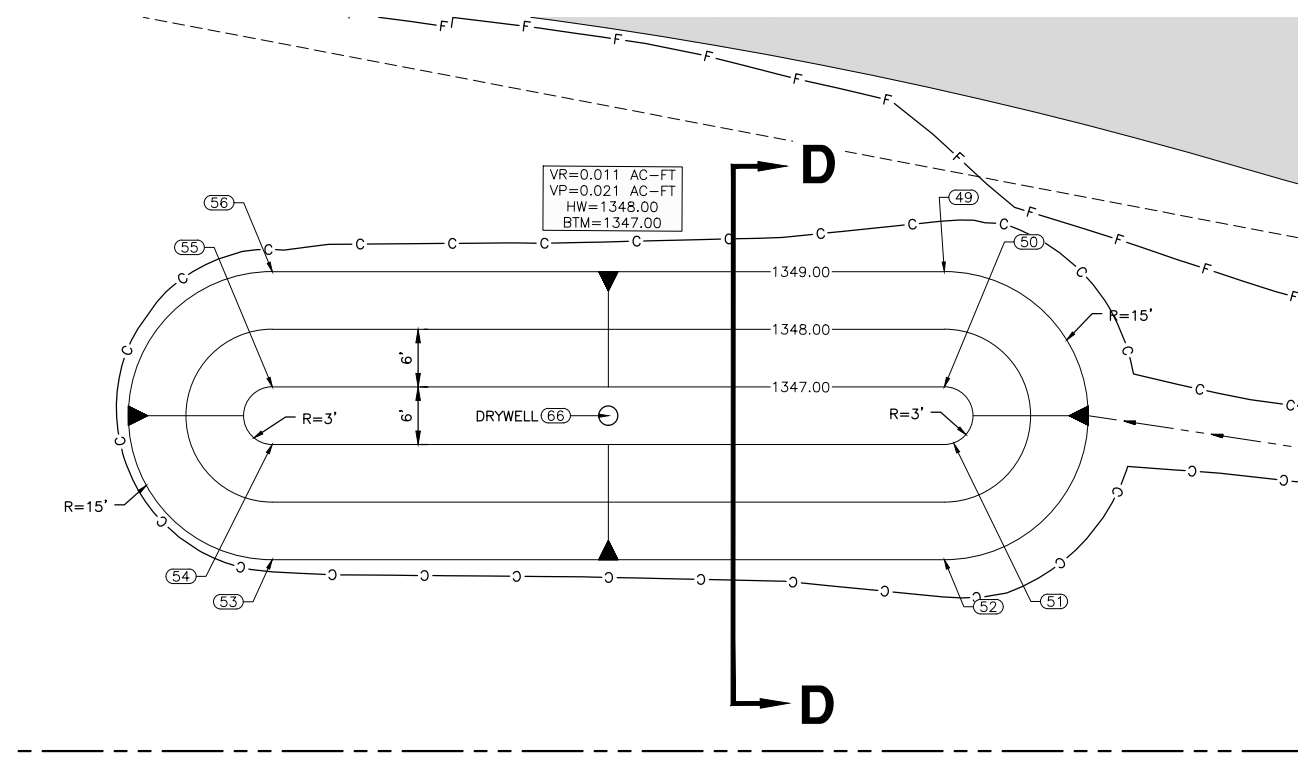
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 TY Lin  
 Scale.ctb



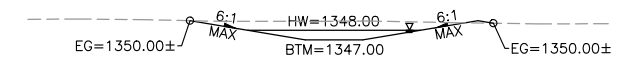
**RB G - JOMAX ROAD**  
SEE SHEETS 30 & 69  
SCALE: 1"=10' H



**SECTION G-G**  
BASIN: RB-G  
SCALE: 1"=20' H  
1"=2' V



**RB D - DYSART RD**  
SEE SHEETS 48  
SCALE: 1"=10' H



**SECTION D-D**  
BASIN: RB-D  
SCALE: 1"=20' H  
1"=2' V

**BASIN-G POINT TABLE**

Point #	Northing	Easting
41	991420.50	570479.06
42	991396.49	570503.14
43	991412.03	570487.56
44	991404.97	570494.64
45	991475.03	570533.42
46	991451.03	570557.50
47	991466.56	570541.91
48	991459.50	570549.00
65	991429.12	570511.66

**BASIN-D POINT TABLE**

Point #	Northing	Easting
49	991204.75	570443.95
50	991204.83	570455.95
51	991205.86	570461.87
52	991204.94	570473.95
53	991134.93	570474.39
54	991134.85	570462.39
55	991134.83	570456.39
56	991134.75	570444.39
66	991169.85	570459.17

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

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Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
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NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DESIGN	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**RETENTION BASIN DETAIL**

**PRELIMINARY**  
90%  
NOT FOR CONSTRUCTION OR RECORDING

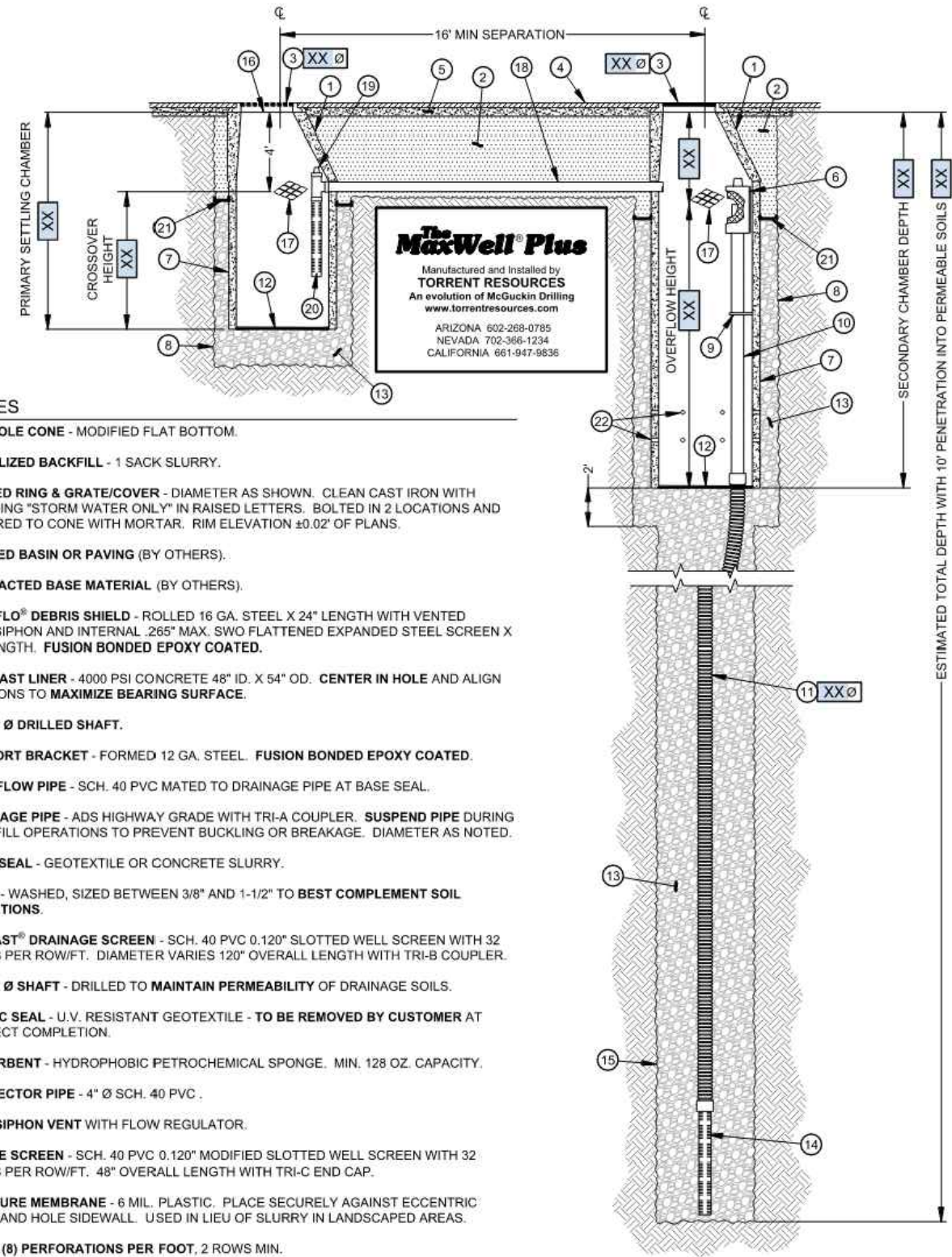
DRAWING NO. **RB03** LOCATION **JOMAX RD - DYSART RD TO 126TH DR**

SHEET 67 OF 83

T:\X\TYLin-PHX\3010.0100625.002\600\_D550NHighway\04\_Sheets\65410\_BD\_Channel P & P.dwg 5/7/2026 2:41:12 PM Don Fromm TY Lin Half Scale.ctb

## Jomax Road - City of Peoria

### The MaxWell® Plus Drainage System Detail And Specifications



- NOTES**
1. **MANHOLE CONE** - MODIFIED FLAT BOTTOM.
  2. **STABILIZED BACKFILL** - 1 SACK SLURRY.
  3. **BOLTED RING & GRATE/COVER** - DIAMETER AS SHOWN. CLEAN CAST IRON WITH WORDING "STORM WATER ONLY" IN RAISED LETTERS. BOLTED IN 2 LOCATIONS AND SECURED TO CONE WITH MORTAR. RIM ELEVATION ±0.02' OF PLANS.
  4. **GRADED BASIN OR PAVING** (BY OTHERS).
  5. **COMPACTED BASE MATERIAL** (BY OTHERS).
  6. **PUREFLO® DEBRIS SHIELD** - ROLLED 16 GA. STEEL X 24" LENGTH WITH VENTED ANTI-SIPHON AND INTERNAL .265" MAX. SWO FLATTENED EXPANDED STEEL SCREEN X 12" LENGTH. FUSION BONDED EPOXY COATED.
  7. **PRE-CAST LINER** - 4000 PSI CONCRETE 48" ID. X 54" OD. CENTER IN HOLE AND ALIGN SECTIONS TO MAXIMIZE BEARING SURFACE.
  8. **MIN. 6" Ø DRILLED SHAFT**.
  9. **SUPPORT BRACKET** - FORMED 12 GA. STEEL. FUSION BONDED EPOXY COATED.
  10. **OVERFLOW PIPE** - SCH. 40 PVC MATED TO DRAINAGE PIPE AT BASE SEAL.
  11. **DRAINAGE PIPE** - ADS HIGHWAY GRADE WITH TRI-A COUPLER. SUSPEND PIPE DURING BACKFILL OPERATIONS TO PREVENT BUCKLING OR BREAKAGE. DIAMETER AS NOTED.
  12. **BASE SEAL** - GEOTEXTILE OR CONCRETE SLURRY.
  13. **ROCK** - WASHED, SIZED BETWEEN 3/8" AND 1-1/2" TO BEST COMPLEMENT SOIL CONDITIONS.
  14. **FLOFAST® DRAINAGE SCREEN** - SCH. 40 PVC 0.120" SLOTTED WELL SCREEN WITH 32 SLOTS PER ROW/FT. DIAMETER VARIES 120" OVERALL LENGTH WITH TRI-B COUPLER.
  15. **MIN. 4" Ø SHAFT** - DRILLED TO MAINTAIN PERMEABILITY OF DRAINAGE SOILS.
  16. **FABRIC SEAL** - U.V. RESISTANT GEOTEXTILE - TO BE REMOVED BY CUSTOMER AT PROJECT COMPLETION.
  17. **ABSORBENT** - HYDROPHOBIC PETROCHEMICAL SPONGE. MIN. 128 OZ. CAPACITY.
  18. **CONNECTOR PIPE** - 4" Ø SCH. 40 PVC.
  19. **ANTI-SIPHON VENT WITH FLOW REGULATOR**.
  20. **INTAKE SCREEN** - SCH. 40 PVC 0.120" MODIFIED SLOTTED WELL SCREEN WITH 32 SLOTS PER ROW/FT. 48" OVERALL LENGTH WITH TRI-C END CAP.
  21. **MOISTURE MEMBRANE** - 6 MIL. PLASTIC. PLACE SECURELY AGAINST ECCENTRIC CONE AND HOLE SIDEWALL. USED IN LIEU OF SLURRY IN LANDSCAPED AREAS.
  22. **EIGHT (8) PERFORATIONS PER FOOT, 2 ROWS MIN.**

AZ Lic: ROC070465 A, ROC047067 B-4, ADWR 363  
 CA Lic: 528080, C-42, HAZ.  
 NV Lic: 005350 A - NM Lic: 90504 GFD4  
 U.S. Patent No. 4,903,330 -™ Trademark 1974, 1990, 2004

AZ MAXWELL PLUS

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

**ARIZONA 811**  
 Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
 In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
VLM	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
**ENGINEERING DEPARTMENT**

**DRYWELL DETAIL**

PRELIMINARY  
**90%**  
 NOT FOR CONSTRUCTION OR RECORDING

**JOMAX RD - DYSART RD TO 126TH DR**

SHEET 67 OF 83



5/7/2026 2:41:42 PM Don Fromm TY Lin Half Scale.ctb

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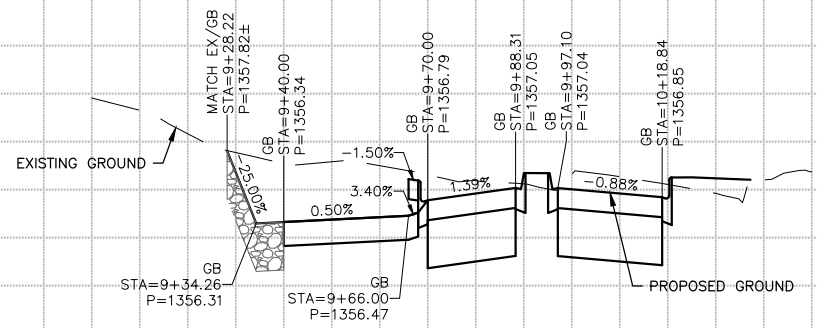
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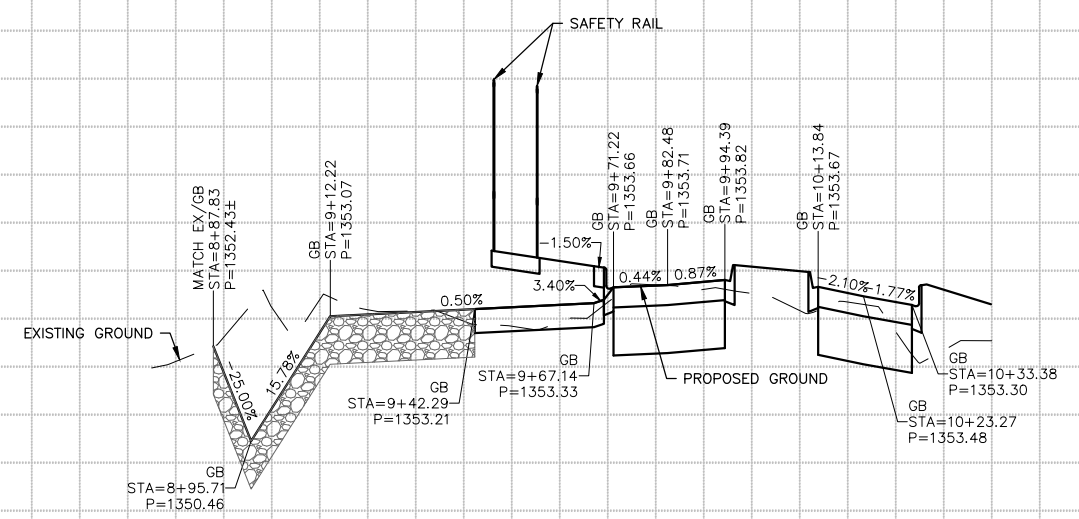
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SEE SHEET 30

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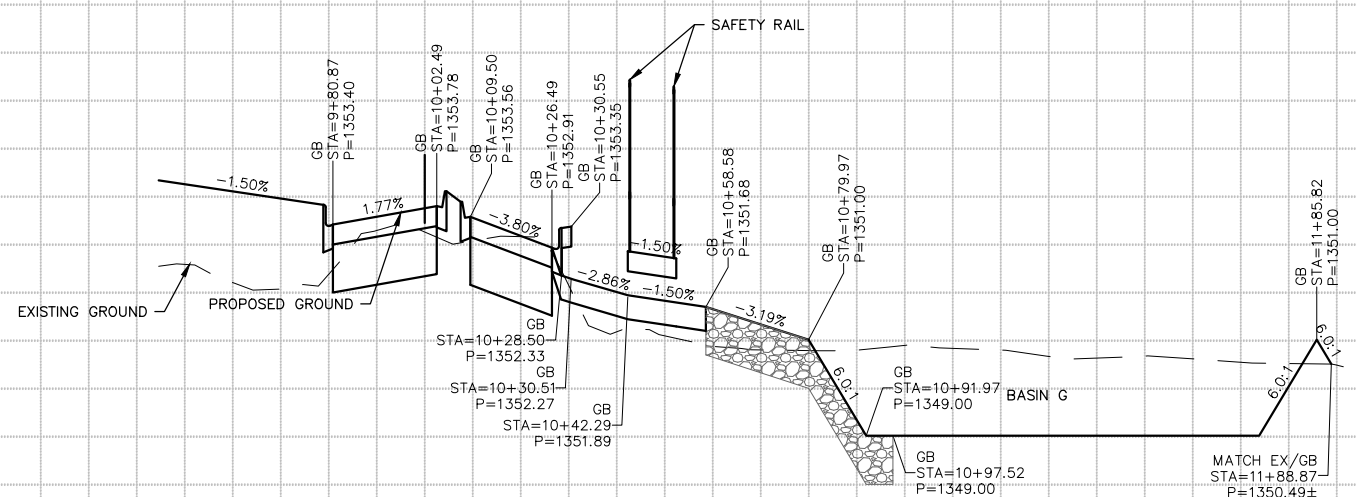
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SEE SHEET 30

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**STA 107+58.08 RT**  
SEE SHEET 30

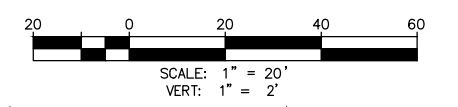
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9+00

10+00

11+00



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

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NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
	VLM	03/26
DRAWN	TG	03/26
CHECKED	DPF	03/26

**TMLin**

DRAWING NO.	LOCATION
SPO1	JOMAX RD - DYSART RD TO 126TH DR

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**SCUPPER PROFILE**

PRELIMINARY  
90%  
NOT FOR CONSTRUCTION OR RECORDING

SHEET 69 OF 83

5/1/2026 2:42:33 PM Don Fromm TY Lin Half Scale.ctb

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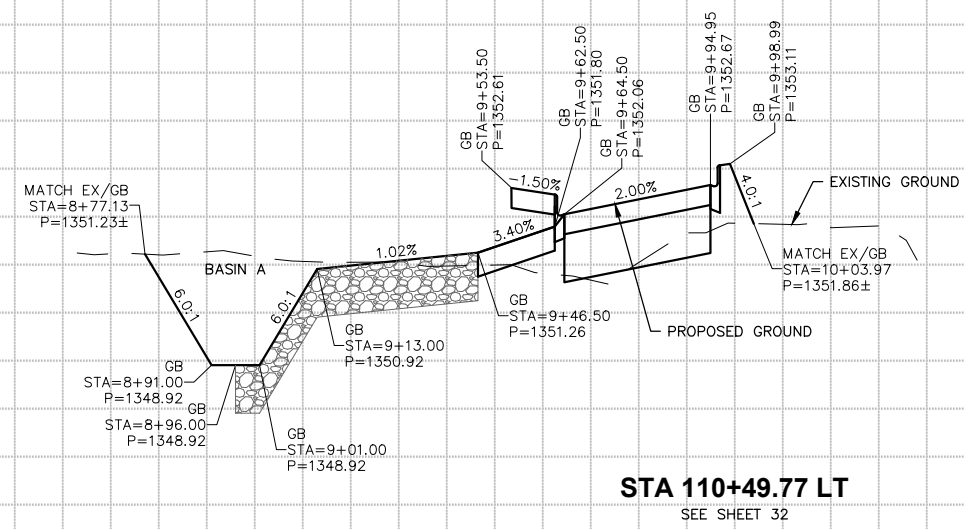
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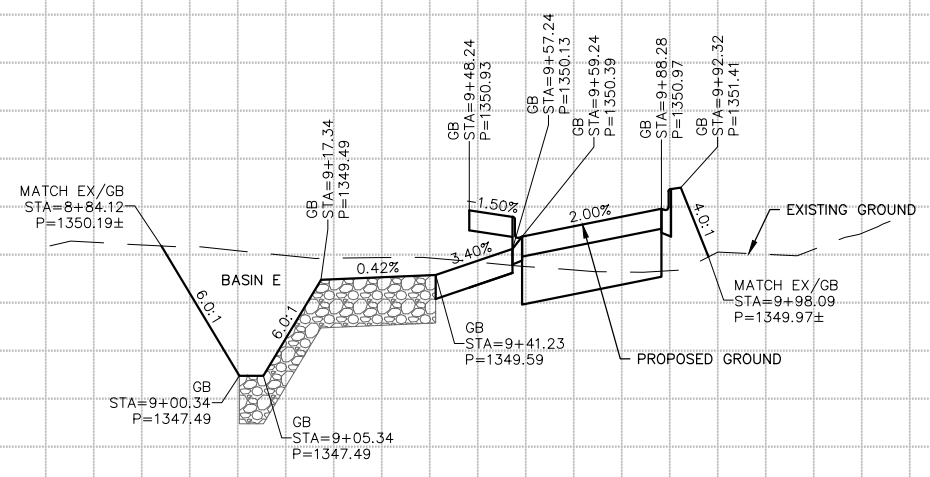
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**STA 113+95.08 LT**  
SEE SHEET 34

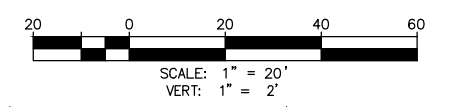
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9+00

10+00

11+00



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NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DESIGN	VLM	03/26
DRAWN	TG	03/26
CHECKED	DPF	03/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**SCUPPER PROFILE**

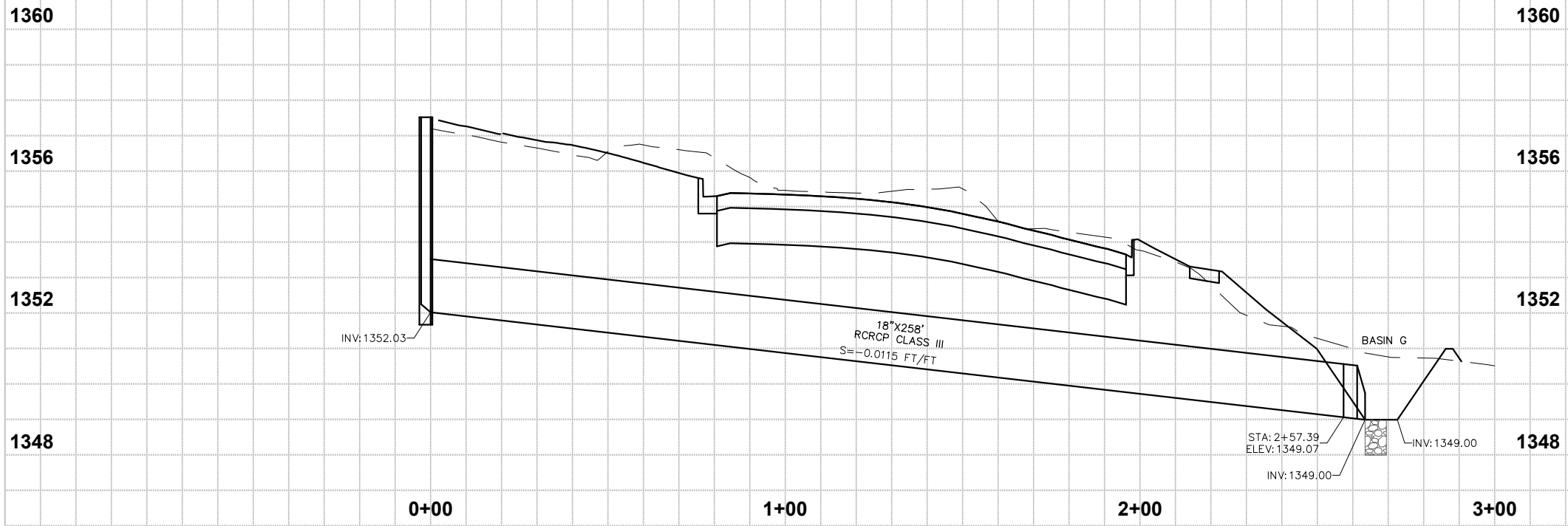
PRELIMINARY  
90%  
NOT FOR CONSTRUCTION OR RECORDING

**T/Lin**

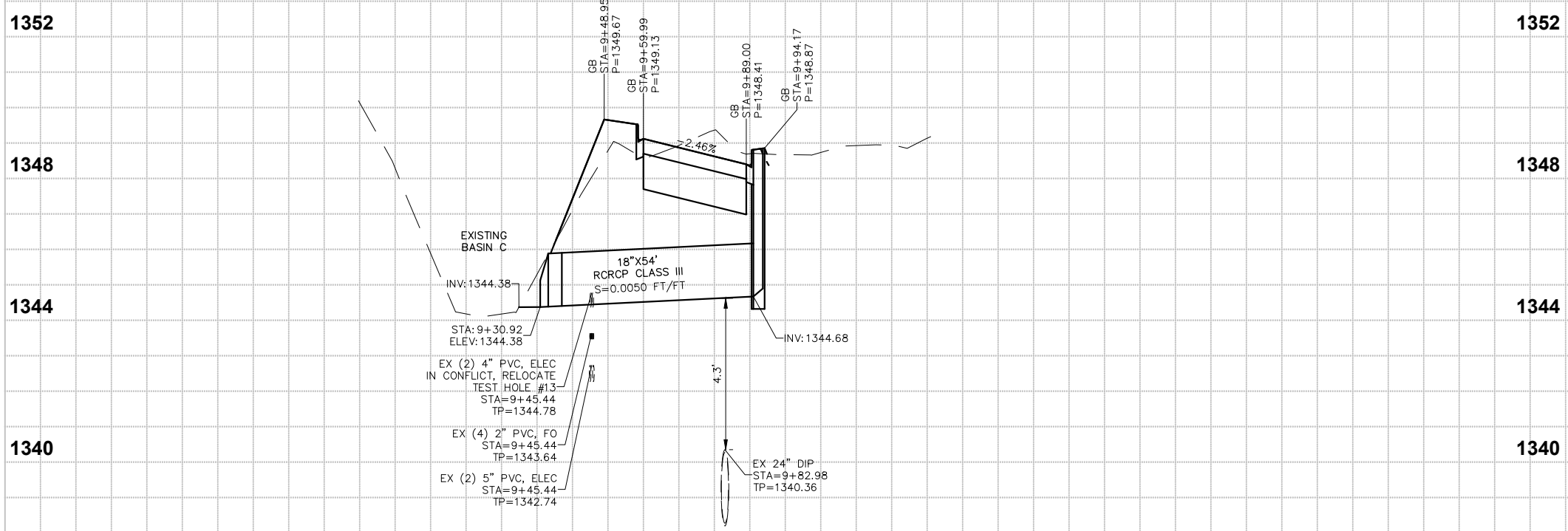
DRAWING NO. SPO2 LOCATION JOMAX RD - DYSART RD TO 126TH DR SHEET 70 OF 83

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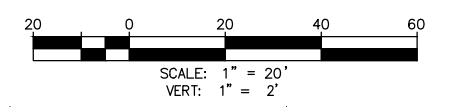




**STA 104+61.55 RT**  
SEE SHEET 30



**STA 139+82.02 LT**  
SEE SHEET 46



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NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DESIGN	VLM	03/26
DRAWN	TG	03/26
CHECKED	DPF	03/26

**CITY OF PEORIA**  
**ENGINEERING DEPARTMENT**

**SCUPPER PROFILE**

**PRELIMINARY**  
**90%**

NOT FOR CONSTRUCTION OR RECORDING

SHEET 72 OF 83

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**GENERAL STORM WATER POLLUTION PREVENTION NOTES:**

1. A COPY OF THE APPROVED GRADING AND DRAINAGE PLAN FOR THIS PROJECT AND THIS STORM WATER POLLUTION PREVENTION PLAN SWPPP SHALL BE MAINTAINED ON THE SITE AND AVAILABLE FOR REVIEW. THOSE ELEMENTS OF THE GRADING AND DRAINAGE PLAN PERTINENT TO OR REFERENCED ON THE SWPPP SHALL BE CONSIDERED A PART OF THE SWPPP.
2. THE CITY OF PEORIA DEVELOPMENT AND ENGINEERING DEPARTMENT INSPECTION SERVICES SHALL BE NOTIFIED 48-HOURS BEFORE ANY ON-SITE AND/OR OFF-SITE CONSTRUCTION BEGINS, TELEPHONE (623) 773-8445.
3. THE NOTICE OF INTENT (NOI) SHALL BE COMPLETED AND SUBMITTED TO THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY (ADEQ) AND THE CITY OF PEORIA 48-HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY.
4. THE SWPPP AND RELATED RECORDS MUST BE MADE AVAILABLE UPON REQUEST TO ADEQ AND THE CITY OF PEORIA.
5. THE PRIME CONTRACTOR OR OWNER SHALL OBTAIN A DUST CONTROL PERMIT FROM MARICOPA COUNTY ENVIRONMENTAL SERVICES AND PERFORM MEASURES AS REQUIRED BY THE PERMIT TO PREVENT EXCESS DUST (AND AS INCORPORATED IN THIS SWPPP).
6. THE PRIME CONTRACTOR OR OWNER SHALL PERFORM, AT A MINIMUM, A VISUAL INSPECTION OF THE CONSTRUCTION SITE ONCE EVERY SEVEN DAYS AND WITHIN 24-HOURS OF RAINFALL GREATER THAN OR EQUAL TO A HALF OF INCH (1/2 INCH). THE OPERATOR SHALL PREPARE A REPORT DOCUMENTING HIS/HER FINDINGS ON THE CONDITIONS OF THE SWPPP CONTROLS AND NOTE ANY EROSION PROBLEM AREAS. THE OPERATOR'S REPORT IS TO BE SUBMITTED TO THE ENGINEERING INSPECTOR FOR REVIEW AND APPROVAL AND SHALL BE MAINTAINED ON SITE BY THE OPERATOR. FACILITIES SHALL BE MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING. IN ADDITION, ALL TEMPORARY SILTATION CONTROLS SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SUCH TIME THAT CONSTRUCTION IS COMPLETED, PERMANENT DRAINAGE FACILITIES ARE OPERATIONAL, AND THE POTENTIAL FOR EROSION HAS PASSED AS DETERMINED BY THE ENGINEERING DIRECTOR OR HIS DESIGNEE.
7. THE PRIME CONTRACTOR OR OWNER SHALL AMEND THIS PLAN AS NECESSARY DURING THE COURSE OF CONSTRUCTION TO RESOLVE ANY PROBLEM AREAS, WHICH BECOME EVIDENT DURING THE CONSTRUCTION AND/OR DURING RAINFALLS.
8. THE IMPLEMENTATION OF THESE PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE FACILITIES IS THE RESPONSIBILITY OF THE PERMITTEE/CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED AND A NOTICE OF TERMINATION (NOT) HAS BEEN SUBMITTED.
9. THE FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS. ADDITIONALLY, THEY MUST BE INSTALLED AND IN OPERATION PRIOR TO ANY GRADING OR LAND CLEARING. WHEREVER POSSIBLE, MAINTAIN NATURAL VEGETATION FOR SILT CONTROL.
10. THE CONTRACTOR TO WHOM THE "AT-RISK"/FINAL G&D PERMIT WILL BE ISSUED MUST HAVE THE APPROVED SWPPP ISSUED IN THEIR NAME.
11. THE OWNER (OPERATOR)/CONTRACTOR OF THE SITE MUST ALSO MAINTAIN RECORDS WITH THE FOLLOWING INFORMATION:
  - THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR IN A PARTICULAR AREA;
  - THE DATES WHEN CONSTRUCTION ACTIVITIES CEASE IN AN AREA, TEMPORARILY OR PERMANENTLY; AND
  - THE DATES WHEN AN AREA IS STABILIZED, TEMPORARILY OR PERMANENTLY; AND
  - THE DATES WHEN ANY MAINTENANCE/REPLACEMENT OR REMOVAL OF REQUIRED BMPs.
12. CONSTRUCTION SITES ARE DYNAMIC IN NATURE. THE SITE OPERATOR IS REQUIRED TO MAINTAIN FULL COMPLIANCE WITH THE GENERAL CONSTRUCTION PERMIT, AS ISSUED BY ADEQ, TO MAINTAIN AN EFFECTIVE SWPPP. AS SUCH, THIS PLAN MUST BE UPDATED TO ACCURATELY REFLECT SITE FEATURES AND OPERATIONS. THE PLAN MUST ALSO BE AMENDED IF IT IS DETERMINED BY THE ENGINEERING DIRECTOR AS NOT EFFECTIVE AT MINIMIZING POLLUTANT DISCHARGES FROM THE SITE.
13. ONCE THE CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND THE SITE HAS MET THE FINAL STABILIZATION REQUIREMENTS OF THE PERMIT, THE AUTHORIZED SITE REPRESENTATIVE MAY FILE A NOTICE OF TERMINATION (NOT) WITH ADEQ, WITH A COPY SUBMITTED TO THE CITY OF PEORIA ENGINEERING DIVISION, TO TERMINATE COVERAGE UNDER THE PERMIT.

**EROSION AND SEDIMENT CONTROL NOTES:**

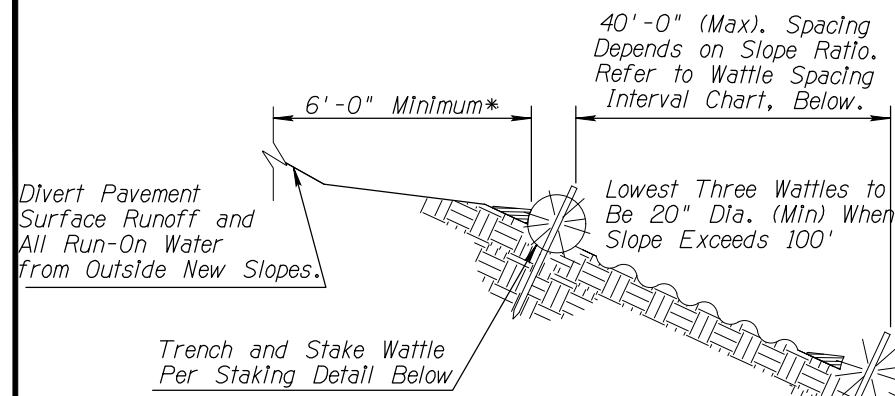
1. PRIOR TO OR IMMEDIATELY FOLLOWING CLEARING & GRUBBING, AND AS PART OF THE INITIAL ROUGH GRADING, ALL RETENTION BASINS SHALL BE CUT TO GRADE. THE BASINS SHALL CONSTITUTE THE REQUIRED SEDIMENT BASINS. GRADES SHALL BE CUT (BERMING OR STRAW BALES MAY ALSO BE PROVIDED) PER THIS PLAN TO ASSURE THAT RUNOFF IS CONVEYED TO RETENTION BASINS.
2. A STABILIZED CONSTRUCTION ENTRANCE CONSISTING OF A MINIMUM OF SIX (6) INCHES OF COARSE AGGREGATE SHALL BE INSTALLED AS SHOWN. ALL CONSTRUCTION TRAFFIC SHALL ENTER THROUGH THIS ENTRANCE. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE RE-GRADED OR REPLACED WHEN IT BECOMES SATURATED OR MATTED WITH SITE SOILS OR SEDIMENT. THE PAVED STREET ADJACENT TO THE CONSTRUCTION ENTRANCE SHALL BE SWEEPED ON A REGULAR BASIS TO REMOVE ANY ACCUMULATED MUD OR DIRT TRACKED FROM THE SITE.
3. ANY DISTURBED AREAS WHERE CONSTRUCTION HAS PERMANENTLY OR TEMPORARILY CEASED SHALL BE STABILIZED TO PREVENT EROSION. AN ACCEPTABLE STABILIZATION METHOD IS HYDROSEEDING AND WATERING. AREAS WHICH WILL BE DISTURBED WITHIN TWENTY-ONE (21) DAYS OF CEASING CONSTRUCTION MAY BE STABILIZED BY WATERING.
4. THE CATCH BASIN LOW POINTS SHALL ALSO ACT AS THE REQUIRED SEDIMENT BASINS FOR THE PROJECT. THEY SHALL BE INSPECTED ON A MONTHLY BASIS AND AFTER EVERY RAIN EVENT. SEDIMENT SHALL BE REMOVED FROM THE BASINS AS NECESSARY TO MAINTAIN A MINIMUM OF SEVENTY-FIVE (75) PERCENT OF REQUIRED CAPACITY OF THE BASIN DURING CONSTRUCTION AND ONE-HUNDRED (100) PERCENT OF REQUIRED CAPACITY POST-CONSTRUCTION.
5. THE SWPPP IS USED TO MAINTAIN ALL ON-SITE STORM WATER POLLUTANTS AND SEDIMENT. HOWEVER, IF ANY OFF-SITE ACCUMULATIONS OF SEDIMENT OR POLLUTANTS OCCUR, IMMEDIATE ACTION SHALL BE REQUIRED TO REMOVE THE ACCUMULATION.



NO.	REVISION	BY	APPR	DATE

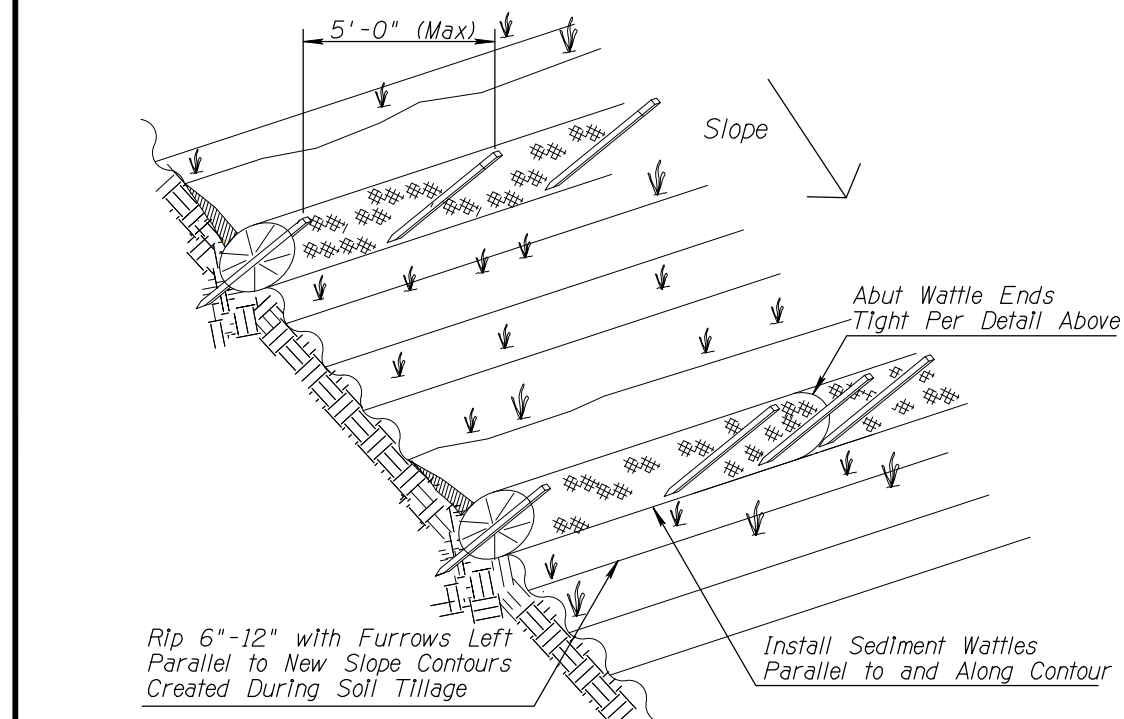
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DRAWN	TG	05/26		
CHECKED	DPF	05/26		
		<b>JOMAX RD - DYSART RD TO 126TH DR</b>		SHEET 73 OF 83

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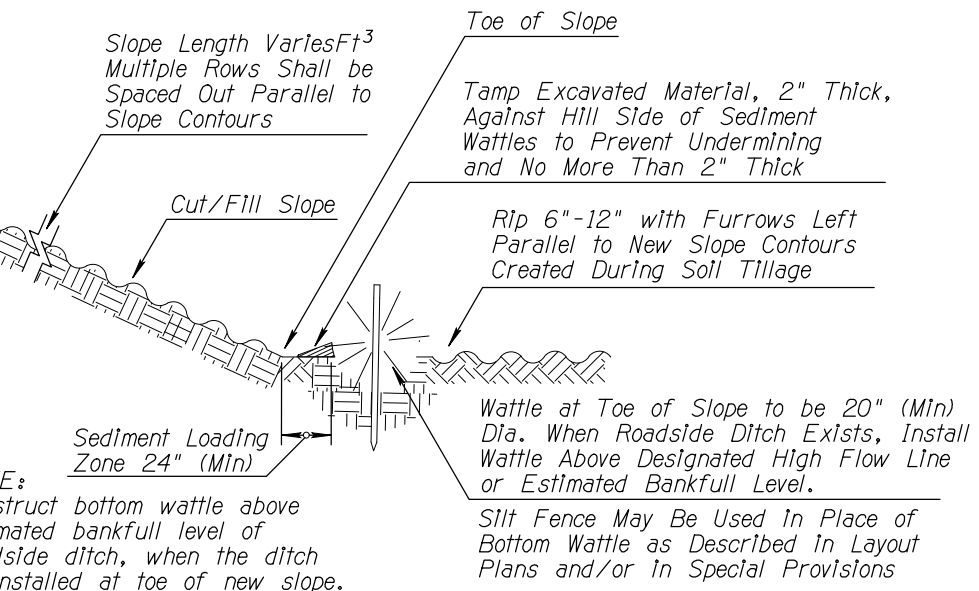


Slope Ratio (H:V)	Maximum Spacing Interval
2:1	10'
3:1	20'
4:1	30'
5:1	40'
6:1	40'

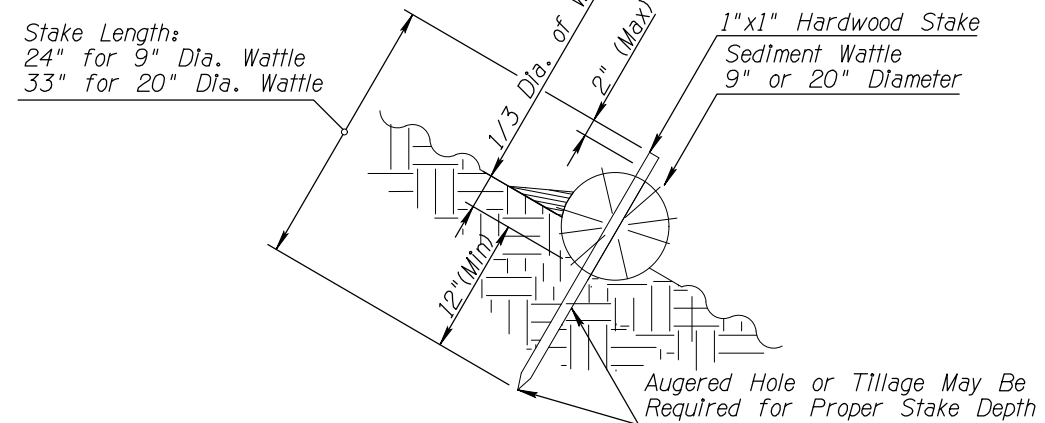
- \* Notes:
- 1) Top Row Shall Not be Placed within 6'-0" of Edge of Pavement and 9'-0" from Outside Surface of Barrier.
  - 2) For erosive soils, place rows of wattles closer together.
  - 3) For soils with low erosive potential, place rows of wattles further apart.



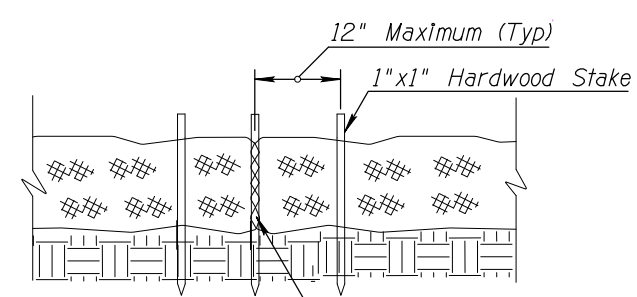
SEDIMENT WATTLE LAYOUT (NTS)



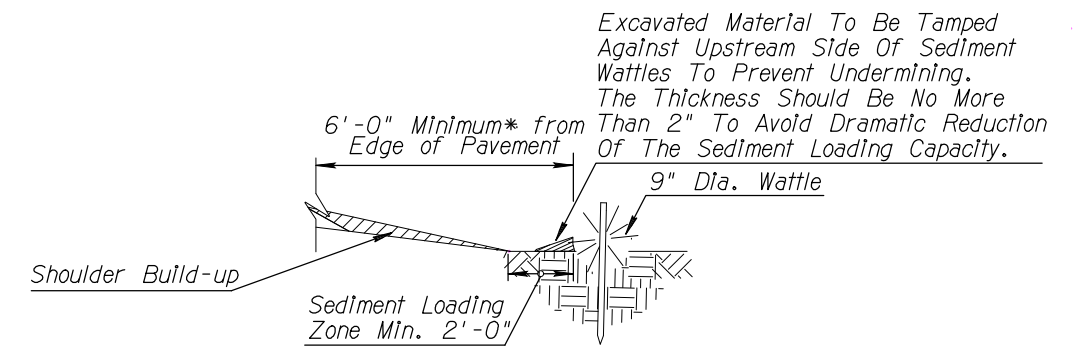
SECTION (NTS)



SEDIMENT WATTLE STAKING DETAIL (NTS)



SEDIMENT WATTLE OVERLAP (NTS)



NEW SHOULDER BUILDUP PROTECTION SECTION (NTS)

- NOTES:
1. Install Sediment Wattles as slopes are constructed to grade or as directed by the Engineer. Select, install and maintain in conformance with manufacturers' specifications to meet site conditions for slope protection and in accordance with good engineering practices. No Sediment Wattles shall be installed in urban freeway medians, nor where cable barrier systems are employed.
  2. Sediment Wattles shall be in continuous contact with trench bottom and sides. Do not overlap wattle ends on top of each other. A 20" Dia. wattle may be made from 2-3 rolled excelsior or straw blankets.
  3. Butt adjoining wattles tightly against each other. Drive the first end stake of the second wattle at an angle toward the first wattle to help abut them tightly.
  4. Repair any rills or gullies promptly. Field adjust and correct Wattle BMP immediately if it is causing flooding, erosion, and/or affecting roadway safety.
  5. Construction of cut slopes 2:1 and steeper in soil and rock materials that can be ripped shall be constructed, whenever possible, by Minibenches. Refer to Slope Minibenches Detail.
  6. Loosening surface soil is not required where Minibenches are used. For seeded areas, tillage shall be performed to form minor ridges and furrows parallel to new slope contours and as specified in Section 805 of the Standard Specifications.
  7. Divert and direct run-on water from outside of the slopes to the spillways and/or rock riprap/rock mulch. Diversion dikes and/or ditches are necessary on natural undisturbed slopes beyond the top limits of new slopes to divert run-on water.
  8. Installation and maintenance of Sediment Wattle BMPs shall not negatively impact traffic safety, nor the designed function of roadway or bridge drainage facilities.
  9. Install and maintain Sediment Wattle BMPs to carry the stormwater of at least 2-year, 24-hour events.
  10. The Sediment Wattle BMP's pay/bid item shall include all materials used for this BMP: all ground preparation, furnishing, installing, maintenance, final removal, and disposal of this temporary BMP, as well as returning the area to an acceptable condition as approved by the Engineer.
  11. Refer to Standard Specification Section 810-2.06(C) for Sediment Wattle material specifications.

# DETAILS3

SEDIMENT WATTLE

NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	05/26
DRAWN	TG	DATE	05/26
CHECKED	DPF	DATE	05/26

CITY OF PEORIA ENGINEERING DEPARTMENT		PRELIMINARY <b>90%</b> NOT FOR CONSTRUCTION OR RECORDING
EROSION CONTROL DETAILS		
DRAWING NO. ECO2	LOCATION JOMAX RD - DYSART RD TO 126TH DR	SHEET 74 OF 83

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Don Fromm

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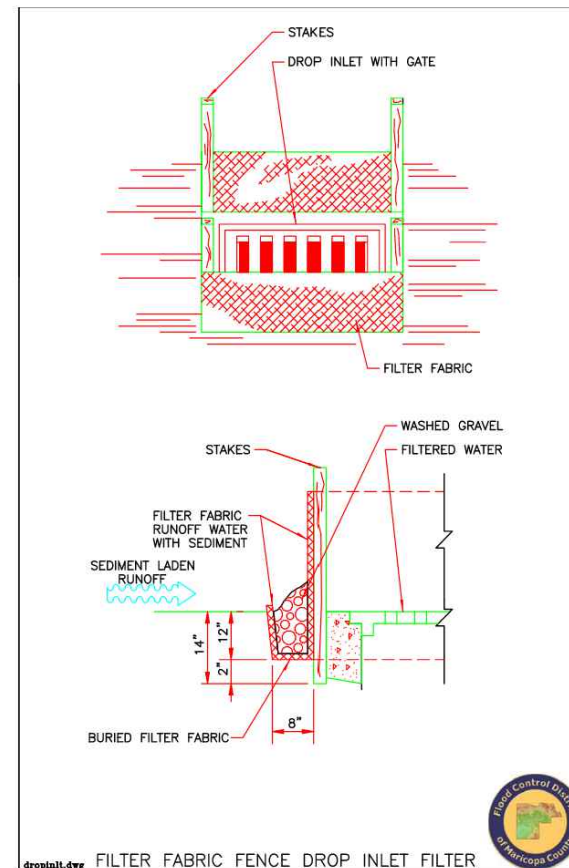
## SPC-7 SPC-7: Storm Drain Inlet Protection

### DEFINITION

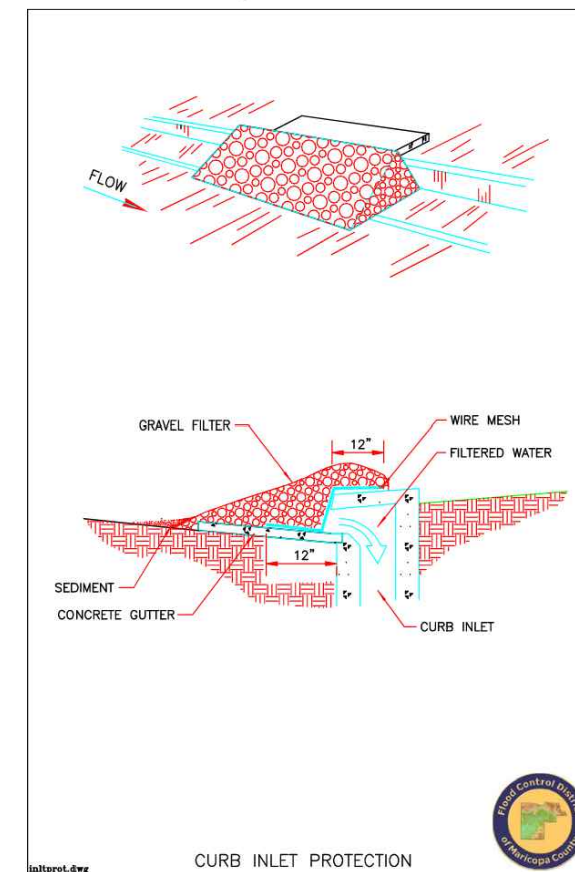
A variety of methods of intercepting sediment at low point inlets through the use of stone, filter fabric, inlet inserts, and other materials. This is normally located at the inlet, providing either detention or filtration to reduce sediment and floatable materials in stormwater.

GENERAL INFORMATION		RATINGS			
<b>Applicability - Effectiveness</b> Inlet Drain Protection - high Channels and Medians - high Perimeter and Access Controls - high		<b>Associated Costs</b>	H	M	L
<b>Most effective when used with:</b> An Erosion Control (EC) BMP		Implementation	X		
<b>Alternative BMPs:</b> <a href="#">SPC-1 Organic Filter Barrier</a> <a href="#">SPC-2 Sand Bag Barrier</a> <a href="#">SPC-3 Gravel Filter Berms</a> <a href="#">SPC-5 Silt Fence</a>		Maintenance	X		
		Training			X
		<b>Target Pollutants Removal</b>	H	M	L
		Oil and Grease			X
		Nutrients			X
		Sediment		X	
		Floatable Material		X	
		Metals			X
		Other Construction Waste			X
FIGURES					
<b>Photos/Sketches</b> <a href="#">SPC-7 Storm Drain Inlet Protection Photos</a>					
<b>CAD Drawings</b> <a href="#">Filter Fabric Fence Drop Inlet Filter</a> <a href="#">Curb Inlet Protection</a>					

## SPC-7 Storm Drain Drop Inlet Protection Drawing



## SPC-7 Storm Drain Curb Inlet Protection Drawing



NO.	REVISION	BY	APPR	DATE

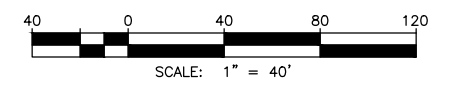
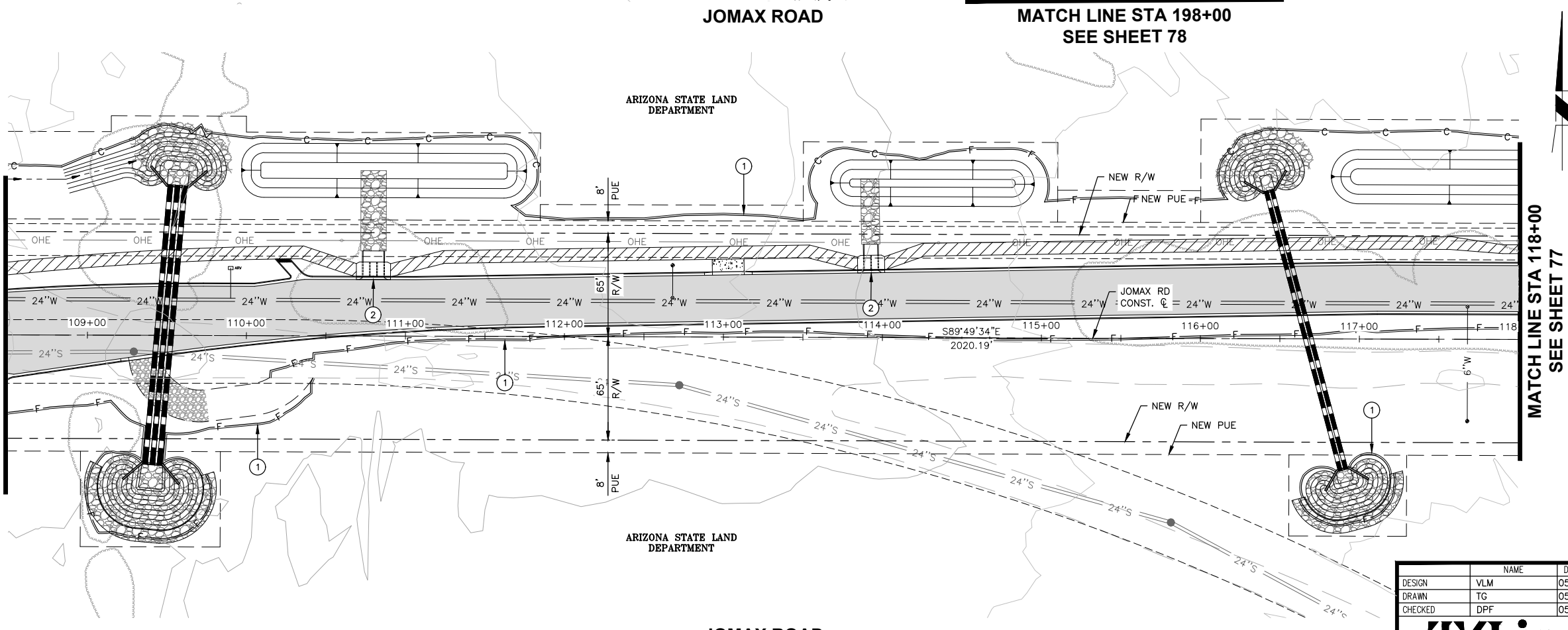
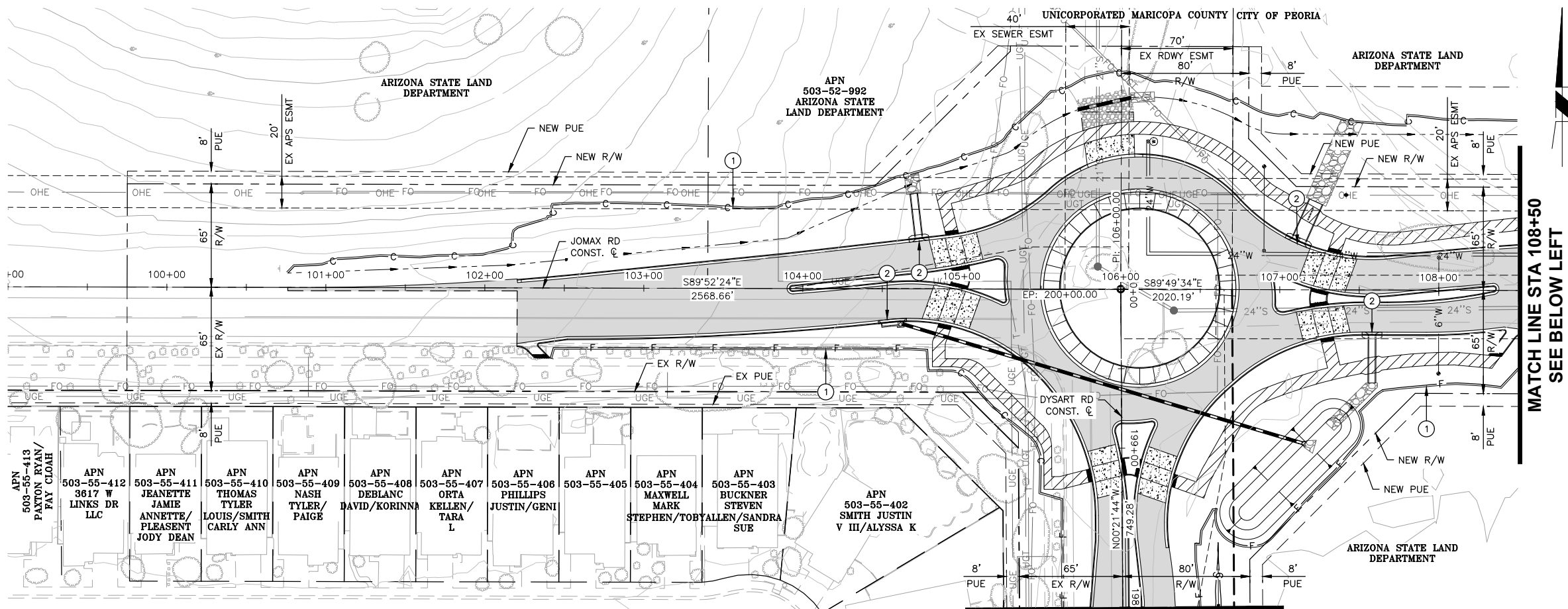
DESIGN	VLM	05/26	<b>CITY OF PEORIA</b> <b>ENGINEERING DEPARTMENT</b>  <b>EROSION CONTROL DETAILS</b>	<b>PRELIMINARY</b>  <b>90%</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	TG	05/26		
CHECKED	DPF	05/26		
		<b>JOMAX RD - DYSART RD TO 126TH DR</b>		SHEET 75 OF 83

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**EROSION CONTROL NOTES**

NO.	DESCRIPTION	QTY	UNITS
①	SEDIMENT WATTLE, 12" PERIMETER PROTECTION PER FCDMC CONTROL MEASURE NUMBER SPC-1	4,146	LF
②	STORM DRAIN CURB INLET PROTECTION PER FCDMC CONTROL MEASURES SPC-7	98	LF



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

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Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
	VLM	05/26
DRAWN	TG	05/26
CHECKED	DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**EROSION CONTROL PLAN**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

**TMLin**

DRAWING NO. EC04 LOCATION: **JOMAX RD - DYSART RD TO 126TH DR**

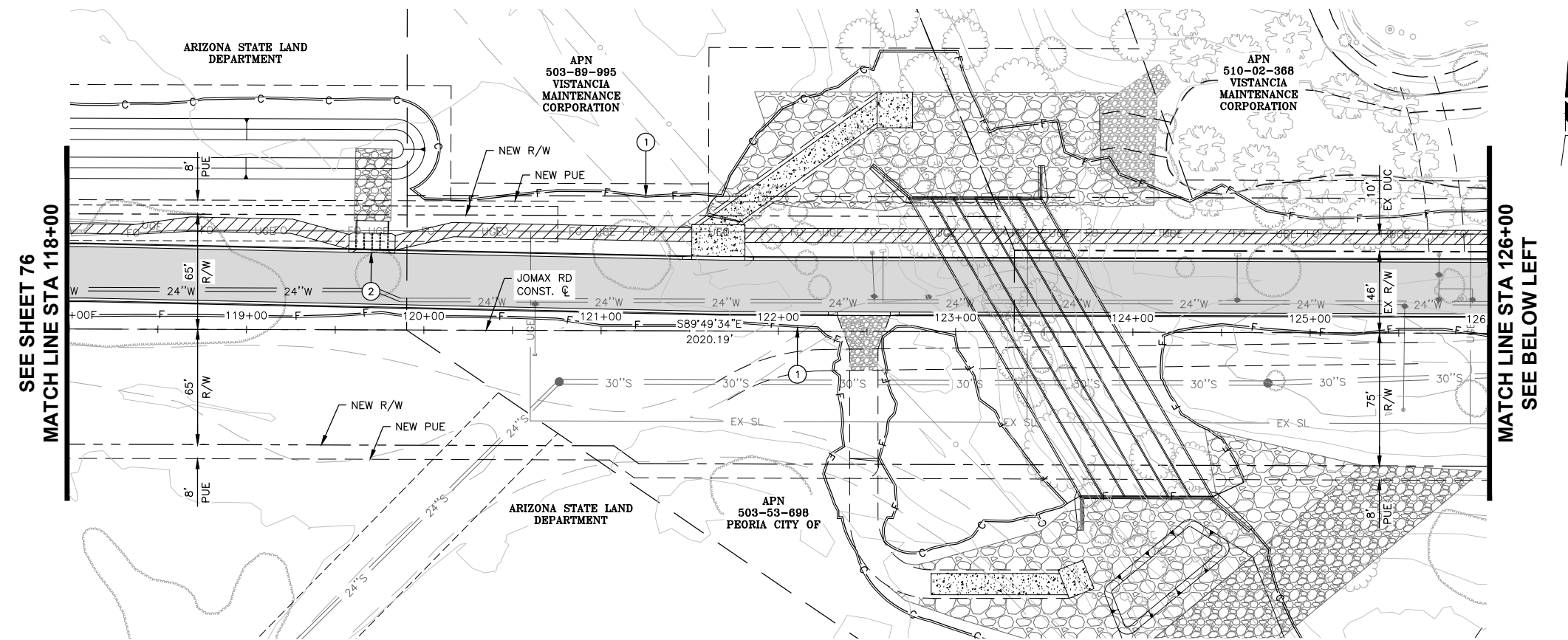
SHEET 76 OF 83

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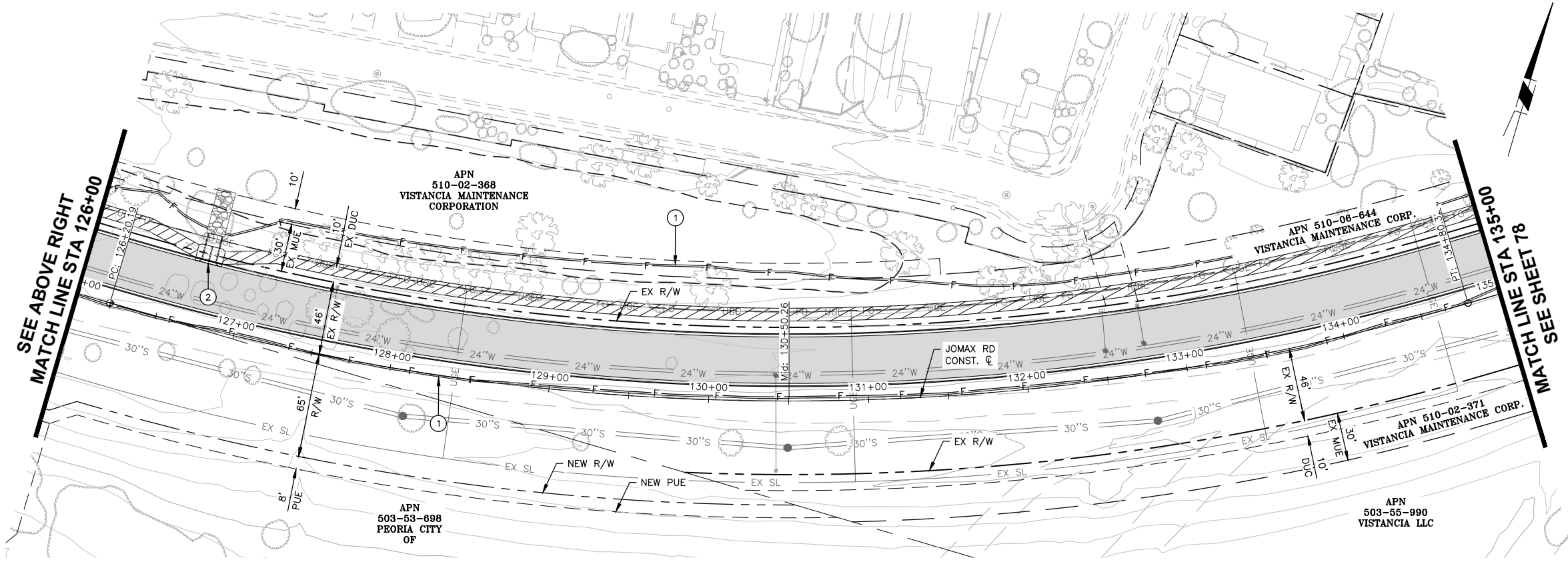
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**EROSION CONTROL NOTES**

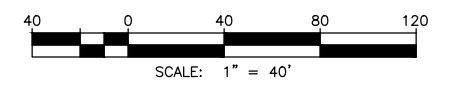
NO.	DESCRIPTION	QTY	UNITS
①	SEDIMENT WATTLE, 12" PERIMETER PROTECTION PER FCDMC CONTROL MEASURE NUMBER SPC-1	4,396	LF
②	STORM DRAIN CURB INLET PROTECTION PER FCDMC CONTROL MEASURES SPC-7	43	LF



**JOMAX ROAD**



**JOMAX ROAD**



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

**ARIZONA 811**  
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

NAME	DATE
DESIGN: VLM	05/26
DRAWN: TG	05/26
CHECKED: DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**EROSION CONTROL PLAN**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

**TMLin**

DRAWING NO. EC05 LOCATION: **JOMAX RD - DYSART RD TO 126TH DR**

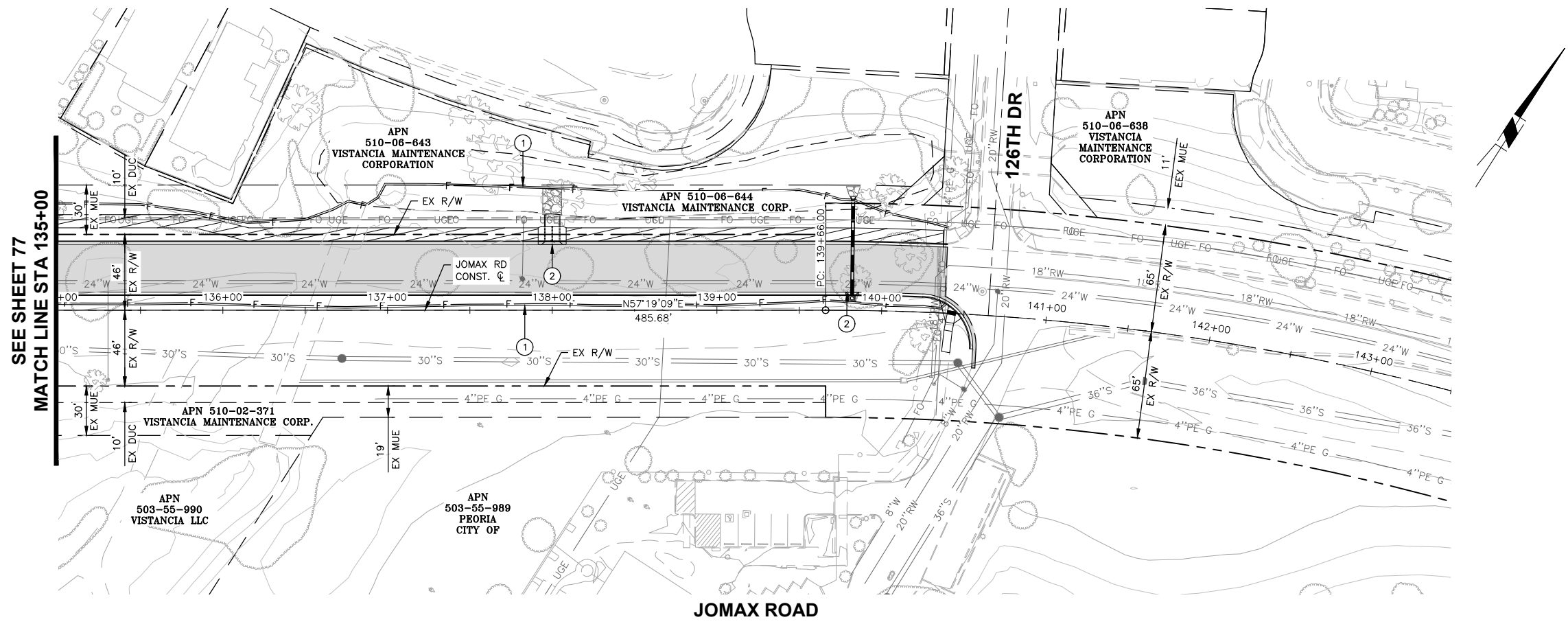
SHEET 77 OF 83

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

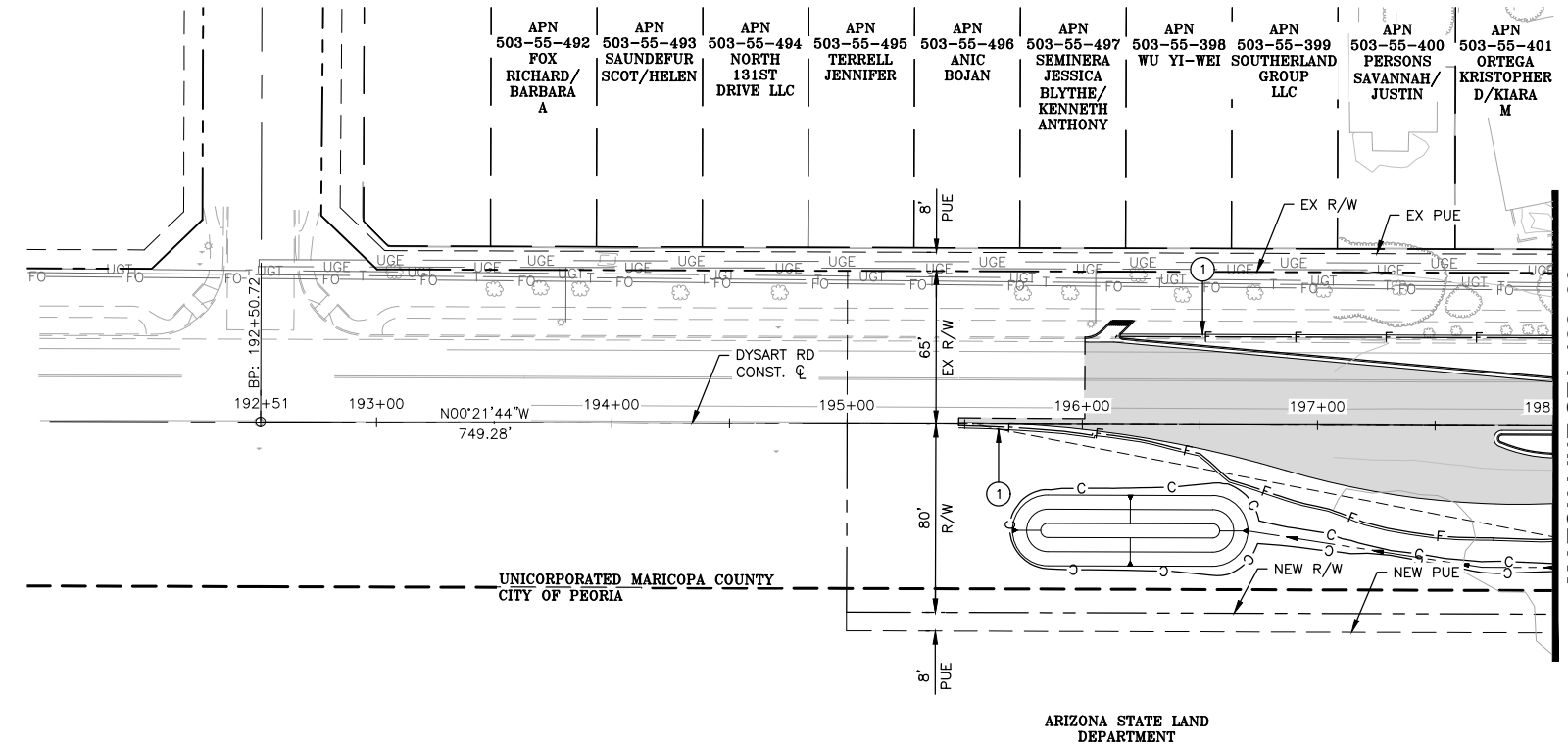
**EROSION CONTROL NOTES**

NO.	DESCRIPTION	QTY	UNITS
①	SEDIMENT WATTLE, 12" PERIMETER PROTECTION PER FCDMC CONTROL MEASURE NUMBER SPC-1	1,541	LF
②	STORM DRAIN CURB INLET PROTECTION PER FCDMC CONTROL MEASURES SPC-7	25	LF

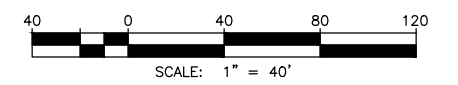


SEE SHEET 77  
MATCH LINE STA 135+00

MATCH LINE STA 198+00  
SEE SHEET 76



DYSART ROAD



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

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NO.	REVISION	BY	APPR	DATE

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	VLM	05/26
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CHECKED	DPF	05/26

**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

**EROSION CONTROL PLAN**

PRELIMINARY  
**90%**

NOT FOR CONSTRUCTION OR RECORDING

SHEET 78 OF 83

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

**STREET LIGHTING GENERAL NOTES:**

1. THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREETLIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.
2. THE CONTRACTOR SHALL OBTAIN AN UNDERGROUND UTILITIES (RIGHT-OF-WAY) PERMIT AND A STREETLIGHT PERMIT FOR THE PROJECT PRIOR TO CONSTRUCTION.
3. CONTRACTORS SHALL SUBMIT TECHNICAL MATERIAL SPECIFICATIONS ON ALL ITEMS LISTED ABOVE FOR CITY REVIEW AND APPROVAL.
4. LIGHT POLES SHALL BE INSTALLED PLUMB AND MAST ARMS ORIENTED PERPENDICULAR TO THE ROADWAY.
5. EACH STREETLIGHT POLE SHALL INCLUDE A GRADE-MOUNTED PULL BOX. POLE FOUNDATIONS AND PULL BOXES SHALL BE INSTALLED AT SIDEWALK GRADE UNLESS OTHERWISE NOTED.
6. A 25 FT COIL OF #4 CU CONDUCTOR OR 14" SQUARE COPPER GROUND PLATE SHALL BE INSTALLED BEFORE THE CONCRETE FOUNDATION IS POURED AND CONNECTED TO POLE GROUNDING LUG IN THE HAND HOLE. THE GROUND COIL SHALL BE COVERED WITH 6" OF FILL.
7. IN SRP AREAS, A 5/8" X 8" COPPER CLAD GROUND ROD SHALL BE DRIVEN BENEATH THE STREETLIGHT PULL BOX. A #6 BARE COPPER GROUNDING CONDUCTOR SHALL BE INSTALLED FROM THE GROUND ROD TO THE GROUND LUG IN STREETLIGHT POLE HAND HOLE. UTILIZE A UL LISTED ACORN CLAMP FOR TERMINATING TO THE GROUND ROD.
8. EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATIONS SHALL BE PER THE UTILITY COMPANY STANDARDS. SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.
9. CONDUIT FROM THE STREETLIGHT PULL BOX INTO THE STREETLIGHT POLE SHALL BE TWO-INCH PVC CONDUIT. CONDUIT MUST BE UL RATED AND SUITABLE FOR DIRECT BURY.
10. LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE AN LED FAIL-OFF PHOTOCELL FACING NORTH.
11. LUMINAIRES SHALL BE WIRED OR CONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.
12. THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER PLACARD ON EACH LIGHT POLE. STREETLIGHT POLE IDENTIFICATION NUMBER WILL BE ASSIGNED BY THE UTILITY COMPANY.
13. UNLESS OTHERWISE INDICATED, POWER TO STREETLIGHTS SHALL BE INSTALLED UNDERGROUND IN CONDUIT. CONDUIT, TRENCH AND BACKFILL SHALL BE PER UTILITY COMPANY REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY COMPANY FOR COORDINATION OF THE TRENCHING, INSTALLATION OF CONDUIT AND INSPECTIONS. THE USE OF A COMMON UTILITY COMPANY TRENCH (JOINT USE) IS PERMITTED.
14. CONDUCTORS FROM THE UTILITY ELECTRICAL POINT-OF-SERVICE SHALL BE INSTALLED AND TERMINATED IN THE STREETLIGHT PULL BOX BY THE UTILITY COMPANY. CONDUCTORS WILL BE OWNED BY THE UTILITY COMPANY.
15. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREETLIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH MAG SPECIFICATIONS SECTION 107.9.
16. PRIOR TO ACCEPTANCE, THE ENTIRE ROADWAY LIGHTING SYSTEM SHALL BE ENERGIZED FOR FIVE (5) CONSECUTIVE NIGHTS WITHOUT INTERRUPTION OR FAILURE. IF A LUMINAIRE SHOULD FAIL, IT SHALL BE REPAIRED OR REPLACED IMMEDIATELY, AND A NEW 5-NIGHT TEST CONDUCTED.
17. BEFORE ENERGIZING, ALL LUMINARIES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE CONTRACTOR LEAVES THE SITE.
18. FINAL ACCEPTANCE WILL NOT BE GIVEN UNTIL "AS-BUILT" DRAWINGS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.
19. THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE CITY OF PEORIA, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.
20. STREET LIGHT ELECTRICAL POWER SOURCE, SECONDARY CONDUCTORS, AND CONDUIT LAYOUT BY APS PER APS PROJECT NO. WA997728. CONTRACTOR TO COORDINATE TRENCHING, PULL BOX LOCATIONS, AND SERVICE CONNECTIONS WITH APS PRIOR TO CONSTRUCTION. REFER TO APS PLANS FOR APS-OWNED FACILITIES.

**STREET LIGHTING QUANTITIES:**

STREET TYPE	QUANTITY	POLE TYPE	POLE LENGTH	MAST ARM	LUMENS	TYPE	WATTAGE	COLOR TEMPERATURE	VOLTAGE	CATALOG NUMBER
ARTERIAL	11	ADOT TYPE G	30'-0"	18'x5'-9"	24000	LED	191	3,000 K	120/208/240/277	ERL2-0-25-C5-30-D-GRAY-LR
ARTERIAL	15	ADOT TYPE G	30'-0"	18'x5'-9"	15300	LED	114	3,000 K	120/208/240/277	ERL2-0-16-C5-30-D-GRAY-LR

**ITS AND STREET LIGHTING LEGEND**

- NEW JUNCTION PULL BOX
- NEW INTERCONNECT PULL BOX
- NEW #9 PULL BOX
- NEW CONTROL CABINET
- NEW ROADWAY LIGHT POLE
- FUTURE ROADWAY LIGHT POLE
- EXISTING ROADWAY LIGHT POLE
- SL — NEW STREET LIGHT CONDUIT
- ITS — NEW ITS CONDUIT
- NEW CONDUIT
- SL — FUTURE STREET LIGHT CONDUIT
- CCTV CAMERA (AXIS Q6075E)

**FIBER OPTIC GENERAL NOTES:**

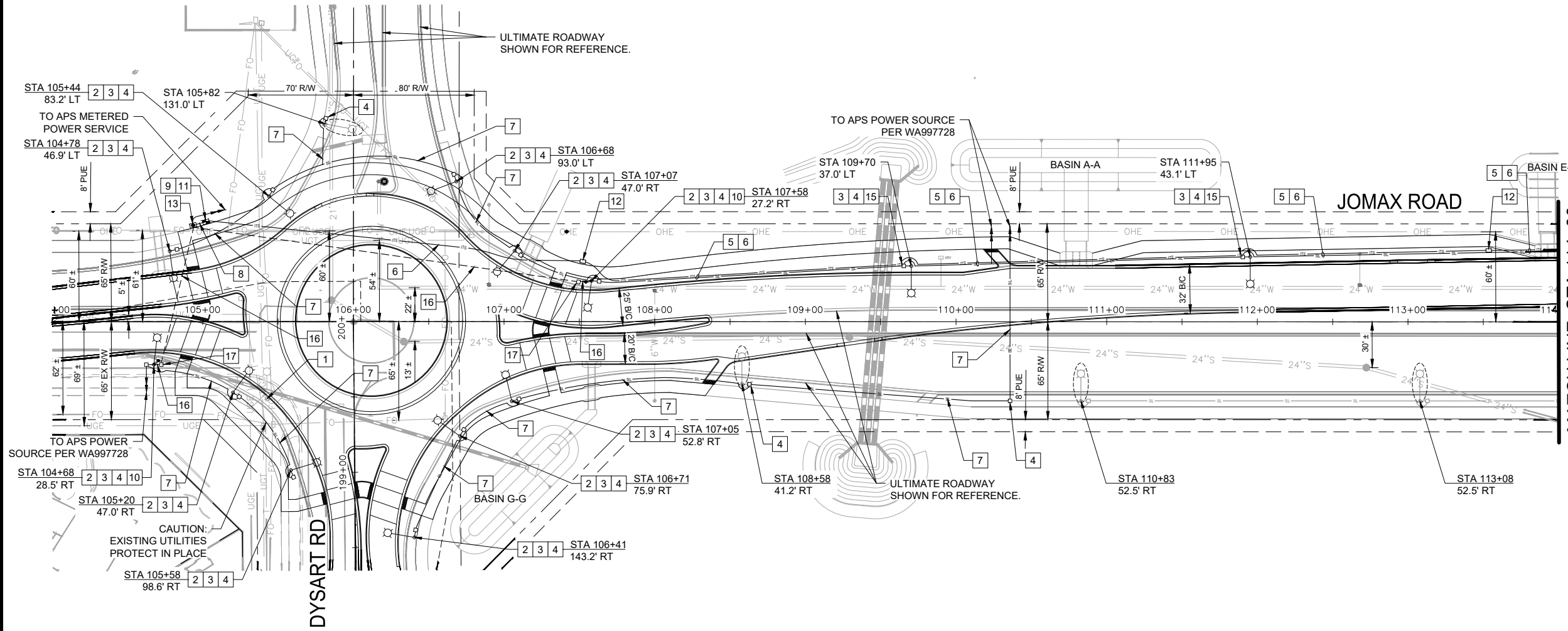
1. LOCATION OF CONDUITS AND VAULTS TO BE PER PLAN. SPACING SHALL BE 650'.
2. PROVIDE 50' OF SLACK IN ALL #8 COMMUNICATION VAULTS PER DETAIL PE-071. PROVIDE 100' OF SLACK IN ALL #9 COMMUNICATION VAULTS PER DETAIL PE-073
3. SPLICE ENCLOSURES IN #9 VAULTS TO BE AFL LIGHTGUARD 350XL OR APPROVED EQUAL.
4. ALL NEW FIBER OPTIC INSTALLATIONS TO BE TESTED UPON COMPLETION OF JOB. TESTING AND VERIFICATION TO BE PROVIDED TO TRAFFIC ENGINEERING STAFF. THIS MAY INCLUDE OTR RESULTS, ECHO PING TESTS, DEMONSTRATION OF VIDEO CONNECTIVITY, AND/OR RADIO COMMUNICATION. THE APPROPRIATE METHOD OF TESTING IS TO BE COORDINATED WITH TRAFFIC ENGINEERING STAFF.



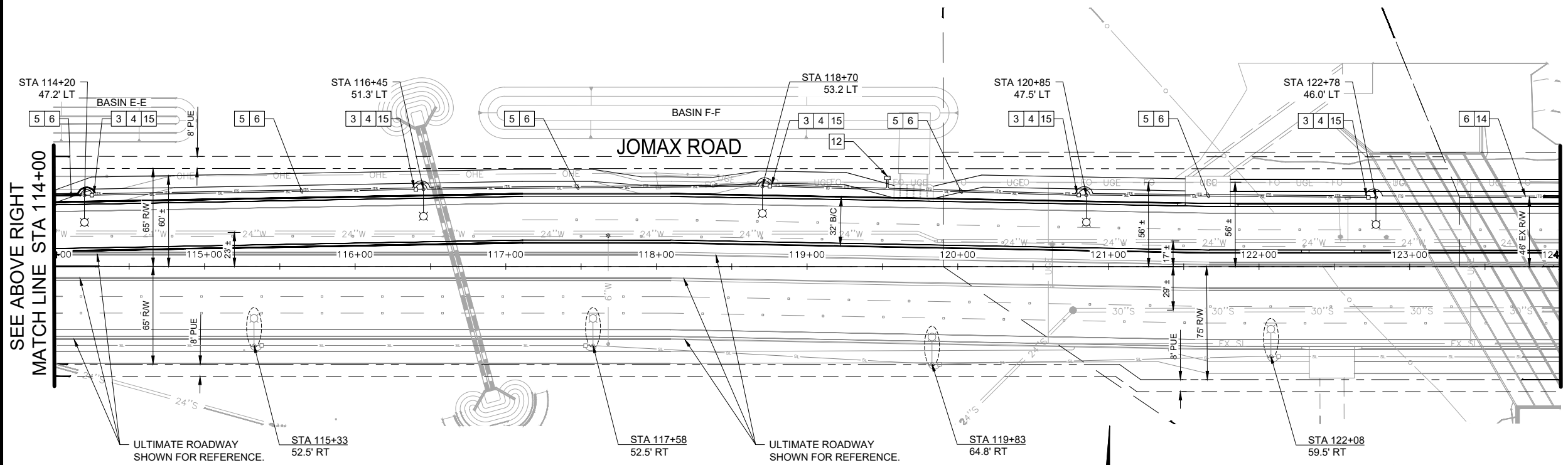
NO.	REVISION	BY	APPR	DATE

DESIGN	GT	05/26	<b>CITY OF PEORIA</b> <b>ENGINEERING DEPARTMENT</b> <b>STREET LIGHTING</b> <b>GENERAL NOTES,</b> <b>QUANTITIES AND LEGEND</b>	<b>PRELIMINARY</b>  <b>90%</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	IF	05/26		
CHECKED	GT	05/26		
		<b>JOMAX RD - DYSART RD TO 126TH DR</b>		SHEET 79 OF 83

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



NO	CONSTRUCTION
1	REMOVE EXISTING STREET LIGHT POLE, LUMINAIRE, FIXTURES, CONDUCTORS, AND PULL BOX.
2	INSTALL NEW 24,000 LUMEN LED LUMINAIRE WITH LED RATED PHOTOCELL ON A TYPE G STREET LIGHT POLE PER ADOT STD DWG T-SL 4.07 AND A NEW 18\"/>



### ITS AND STREET LIGHTING LEGEND

- NEW JUNCTION PULL BOX
- NEW INTERCONNECT PULL BOX
- NEW #9 PULL BOX
- NEW CONTROL CABINET
- NEW ROADWAY LIGHT POLE
- FUTURE ROADWAY LIGHT POLE
- EXISTING ROADWAY LIGHT POLE
- NEW STREET LIGHT CONDUIT
- NEW ITS CONDUIT
- NEW CONDUIT
- FUTURE STREET LIGHT CONDUIT
- CCTV CAMERA (AXIS Q6075E)

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

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DESIGN	NAME	DATE
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Greenlight Traffic Engineering

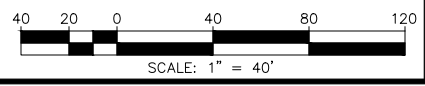
CITY OF PEORIA  
ENGINEERING DEPARTMENT

ROADWAY LIGHTING AND ITS LAYOUT

PRELIMINARY  
90%  
NOT FOR CONSTRUCTION OR RECORDING

JOMAX RD - DYSART RD TO 126TH DR

SHEET 80 OF 83

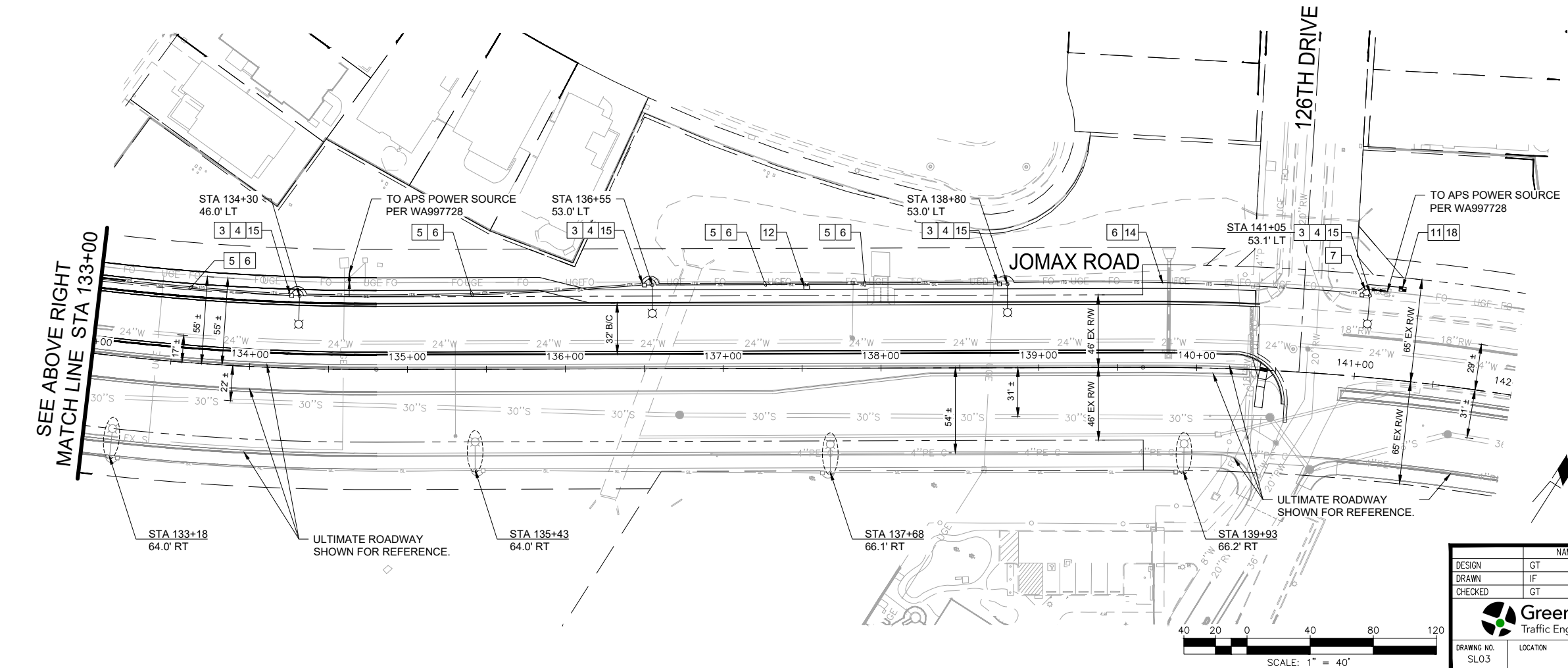
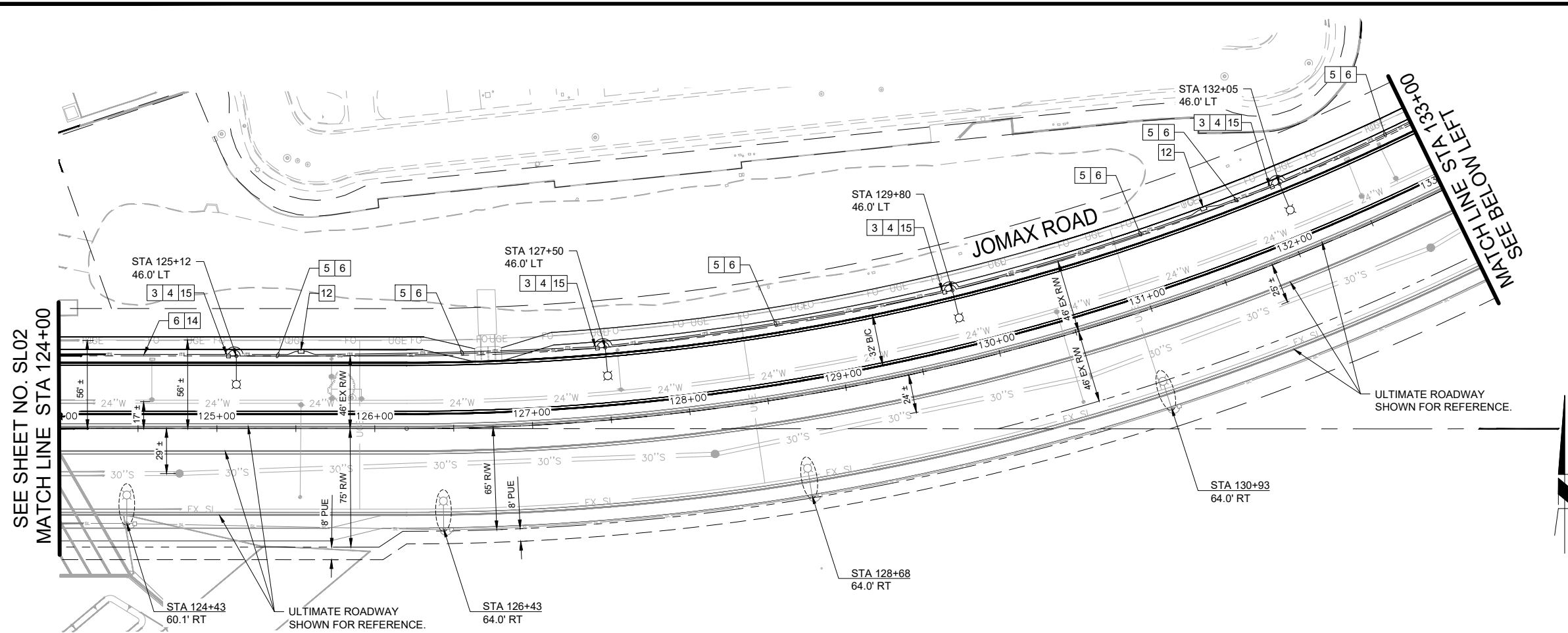


SEE ABOVE RIGHT  
MATCH LINE STA 114+00

MATCH LINE STA 124+00  
SEE SHEET NO. SLO3

MATCH LINE STA 114+00  
SEE BELOW LEFT

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



NO	CONSTRUCTION
1	REMOVE EXISTING STREET LIGHT POLE, LUMINAIRE, FIXTURES, CONDUCTORS, AND PULL BOX.
2	INSTALL NEW 24,000 LUMEN LED LUMINAIRE WITH LED RATED PHOTOCELL ON A TYPE G STREET LIGHT POLE (PER ADOT STD DWG T-SL 4.07) AND A NEW 18'X5'-9" LUMINAIRE MAST ARM (PER ADOT STD DWG T-SL 4.29). INSTALL POLE ON A NEW FOUNDATION PER COP STD DTL PE-150. INSTALL TWO (2) #12 XHHW (BOTH BLACK, ONE (1) TAPED RED ON EACH END) & ONE (1) #12 XHHW GREEN COPPER BOND FROM HANDHOLE TO LUMINAIRE. INSTALL BUSSMAN FUSEHOLDER IN HANDHOLE FOR CITY DISCONNECT. ALL WIRING, FUSING, AND TERMINATIONS PER APS DETAILS AND SPECIFICATIONS.
3	INSTALL 2" PVC CONDUIT FROM HANDHOLE TO PULLBOX WITH TWO (2) #12 XHHW (BOTH BLACK, ONE (1) TAPED RED ON EACH END) AND ONE (1) #12 XHHW GREEN COPPER BOND.
4	INSTALL PULL BOX PER APS REQUIREMENTS.
5	INSTALL ITS (4-1.25" HDPE MULTI-DUCT OR PVC) AND STREET LIGHTING (1-2.5" PVC) JOINT TRENCH PER COP STD DTL PE-070-2. INSTALL PULL TAPE AND LOCATOR WIRE IN EACH ITS CONDUIT.
6	INSTALL 144-STRAND SINGLE MODE FIBER OPTIC CABLE SMFO (144) IN THE ITS CONDUIT.
7	INSTALL 2.5" PVC CONDUIT.
8	INSTALL 2" PVC CONDUIT FROM VAULT TO CABINET. INSTALL 6-STRAND SINGLE MODE FIBER OPTIC CABLE SMFO (6) IN THE CONDUIT.
9	INSTALL SPLICE CLOSURE AND SPLICE THE 144-SMFO WITH SMFO (6).
10	INSTALL (COP APPROVED) CCTV ON STREET LIGHT.
11	INSTALL INTERCONNECT COMMUNICATION VAULT PER COP STD DTL PE-073.
12	INSTALL INTERCONNECT PRECAST COMMUNICATION PULL BOX PER COP STD DTL PE-070-1.
13	INSTALL TRAFFIC CONTROL CABINET (343 OR APPROVED EQUAL) PER CITY OF PEORIA REQUIREMENTS. CABINET TO HOUSE FIBER OPTIC SPLICE TRAY AND ETHERNET SWITCH.
14	INSTALL ITS (4-1.25" HDPE MULTI-DUCT OR PVC) PER COP STD DTL PE-070-1. INSTALL PULL TAPE AND LOCATOR WIRE IN EACH ITS CONDUIT.
15	INSTALL NEW 15,300 LUMEN LED LUMINAIRE WITH LED RATED PHOTOCELL ON A TYPE G STREET LIGHT POLE (PER ADOT STD DWG T-SL 4.07) AND A NEW 18'X5'-9" LUMINAIRE MAST ARM (PER ADOT STD DWG T-SL 4.29). INSTALL POLE ON A NEW FOUNDATION PER COP STD DTL PE-150. INSTALL TWO (2) #12 XHHW (BOTH BLACK, ONE (1) TAPED RED ON EACH END) & ONE (1) #12 XHHW GREEN COPPER BOND FROM HANDHOLE TO LUMINAIRE. INSTALL BUSSMAN FUSEHOLDER IN HANDHOLE FOR CITY DISCONNECT. ALL WIRING, FUSING, AND TERMINATIONS PER APS DETAILS AND SPECIFICATIONS.
16	INSTALL 2" PVC CONDUIT WITH OUTDOOR-RATED, SHIELDED CAT6 CABLE SUITABLE FOR POE.
17	INSTALL NO. 5 PULL BOX PER COP STD DTL PE-086-1.
18	TERMINATE 144-STRAND SINGLE MODE FIBER OPTIC CABLE SMFO (144) IN NEW INTERCONNECT COMMUNICATION VAULT. INSTALL SPLICE ENCLOSURE (AFL LIGHTGUARD 350XL OR APPROVED EQUAL), PROVIDE 100' OF SLACK PER COP STD DTL PE-073. TEST AND VERIFY PER FIBER OPTIC GENERAL NOTE 4 ON SHEET SL01.

**ITS AND STREET LIGHTING LEGEND**

- NEW JUNCTION PULL BOX
- NEW INTERCONNECT PULL BOX
- NEW #9 PULL BOX
- NEW CONTROL CABINET
- NEW ROADWAY LIGHT POLE
- FUTURE ROADWAY LIGHT POLE
- EXISTING ROADWAY LIGHT POLE
- NEW STREET LIGHT CONDUIT
- NEW ITS CONDUIT
- NEW CONDUIT
- FUTURE STREET LIGHT CONDUIT
- CCTV CAMERA (AXIS Q6075E)

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NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
GT	GT	05/26
IF	IF	05/26
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Greenlight Traffic Engineering

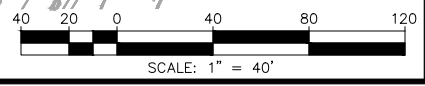
**CITY OF PEORIA**  
ENGINEERING DEPARTMENT

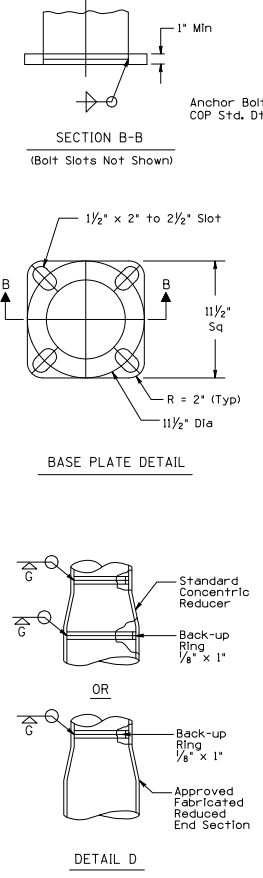
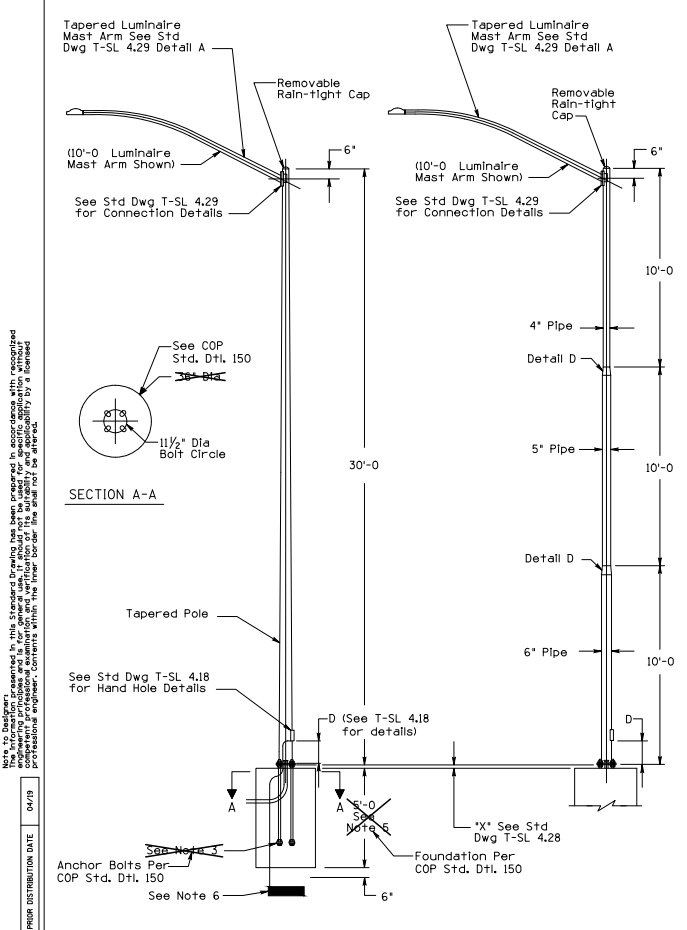
**ROADWAY LIGHTING AND ITS LAYOUT**

PRELIMINARY  
**90%**  
NOT FOR CONSTRUCTION OR RECORDING

JOMAX RD - DYSART RD TO 126TH DR

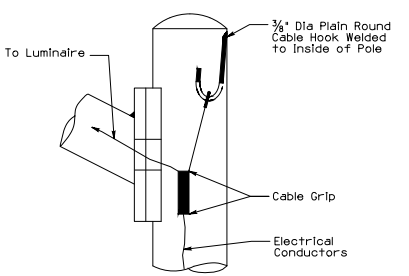
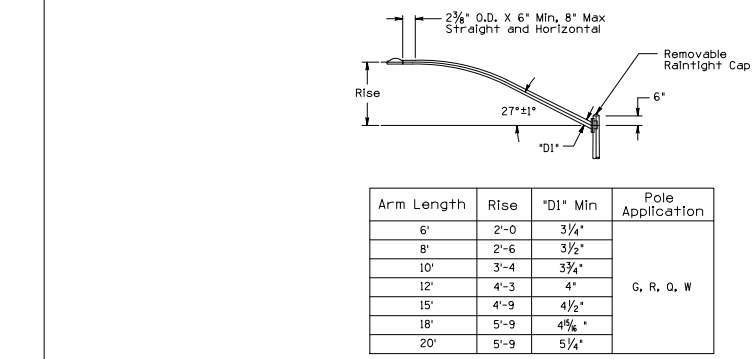
SHEET 81 OF 83



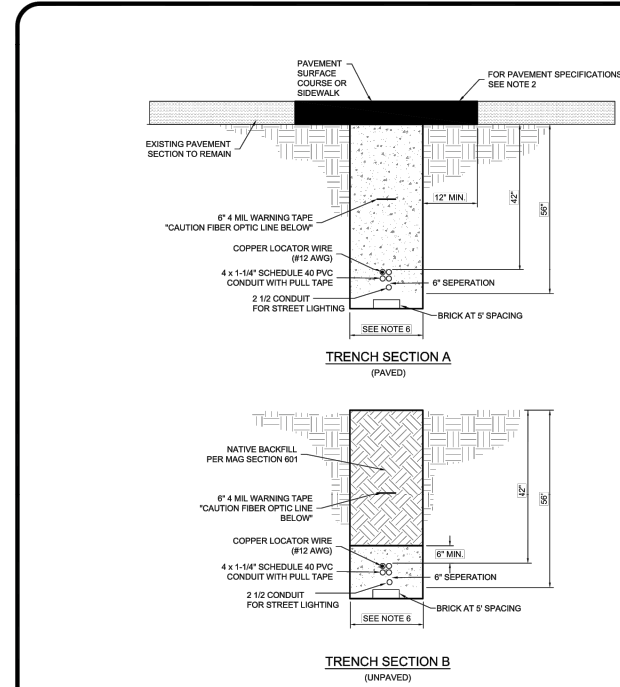


- NOTES:**
- All materials and construction shall conform to the requirements of the Arizona Department of Transportation Standard Specifications for Road and Bridge Construction.
  - Poles and mast arms shall comply with the requirements of the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6th Edition (2013), including the 2015, 2019, and 2020 Interim Revisions.
  - See Std Dwg T-SL 4.28 for anchor bolt details.
  - The foundation hole shall be augered and Class "S" (3,500 psi) concrete, poured against undisturbed compacted earth.
  - Unstable soil and/or a steep slope may require a deeper foundation. See Arizona Department of Transportation Standard Specifications.
  - A 25 ft coil of #4 AWG bare copper conductor or a 14 inch square copper ground plate shall be installed before the concrete is poured and connected to pole grounding lug in the hand hole. The ground plate or coil shall be covered with 6 inches of fill.
  - Pole may have a continuous taper or a step taper.
  - Pole is suitable for use with a single luminaire that has a maximum weight of 55 pounds, and an Effective Projected Area (EPA) of 1.5 square feet.
  - Once the pole installation is completed, the open space between the base plate and foundation shall be grouted.
  - If pole foundation is within or adjacent to sidewalk, top of pole foundation shall be flush with the abutting or adjacent sidewalk.
  - Tapered pole diameter at the base and the top is dependent on the taper rate used by the manufacturer.
  - Shop drawings shall be submitted to the Engineer for review prior to fabrication in accordance with the Standard Specifications.
  - All dimensions not shown on the plans are dependent on the manufacturer's design, and shall be shown on the shop drawings.
  - Signed and sealed shop drawings shall be submitted to the Engineer for review and approval prior to fabrication in accordance with the Standard Specifications, unless the manufacturer has been granted approval on the department's most recently published Approved Product List (APL).
  - All dimensions are nominal.

STANDARD NUMBER	A. ALZUBI	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION <b>TRAFFIC SIGNAL AND LIGHTING STANDARD DRAWINGS</b>	DRAWING NO.
RECOMMENDED FOR APPROVAL	M. HANNA	TYPE G POLE	T-SL 4.07
APPROVED			
STANDARD COMMITTEE APPROVED FOR DISTRIBUTION	05/22 DATE		



STANDARD NUMBER	A. ALZUBI	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION <b>TRAFFIC SIGNAL &amp; LIGHTING STANDARD DRAWING</b>	DRAWING NO.
RECOMMENDED FOR APPROVAL	M. HANNA	STEEL MAST ARM DETAILS FOR LUMINAIRE AND SIGNAL ARMS TO 20'	T-SL 4.29
APPROVED			
STANDARD COMMITTEE APPROVED FOR DISTRIBUTION	05/22 DATE		



- NOTES:**
- TRENCH SHALL BE A MINIMUM DEPTH OF 56-INCHES AND SHALL HAVE A MINIMUM COVER OF 48-INCHES OVER PVC CONDUITS.
  - REFER TO MAG SECTION 336 AND MAG DETAIL 200 FOR PAVEMENT MATCHING AND SURFACE REPLACEMENT.
  - BORING IS PREFERRED. OPEN TRENCHING SHALL BE PERMITTED WITH PRIOR APPROVAL FROM THE CITY.
  - IF THE CONDUIT ROUTING CROSSES AN EXISTING PORTLAND CEMENT CONCRETE DRIVEWAY, THE CONDUITS SHALL BE PLACED BY BORING. ALL ASPHALTIC CONCRETE (AC) DRIVEWAYS MAY BE TRENCHED.
  - ALL CONDUIT BENDS SHALL BE CONCRETE ENCASED FOR A MINIMUM OF TWO (2) FEET BEYOND EACH END OF THE BEND.
  - TRENCH WIDTH MAY NOMINALLY VARY FROM 18" TO 22" BUT SHALL NOT EXCEED 24" IN WIDTH.
  - A SINGLE CONTINUOUS INSULATED COPPER LOCATOR WIRE (#12 AWG) SHALL BE INSTALLED INSIDE ONE OF THE CONDUITS ALONG THE ENTIRE LENGTH OF THE CONDUIT RUN. WIRE SHALL HAVE A 6" SERVICE LOOP IN EACH PULL BOX. CRIMP A PIGTAIL TO LID. A CRIMPED SPLICE IS REQUIRED IN ALL THE PULL BOXES AND NOT IN THE CONDUIT RUN.
  - FLAT WOVEN POLYESTER MULE TAPE WITH 2500 POUND TENSILE STRENGTH SHALL BE INSTALLED ALONG THE ENTIRE LENGTH OF THE CONDUIT RUN FOR ALL CONDUITS THAT DO NOT HAVE A LOCATOR WIRE.
  - CONTRACTOR SHALL MAINTAIN A 10:1 VARIANCE OF THE CONDUIT ALIGNMENT DURING INSTALLATION.
  - CONDUIT SPACERS AT 3 PER 20', AND 2' FROM ANY DIRECTION CHANGE OR JOINT.
  - ITS CONDUITS TO BE LOCATED WITHIN THE ROW. PREFERRED LOCATION IS BACK OF SIDEWALK IF RIGHT-OF-WAY PERMITS.
  - AC MIX AND SOURCE OF MATERIALS SHALL BE APPROVED BY THE CITY PRIOR TO INSTALL. APPROVED AC MIX MATERIALS CAN BE DOWNLOADED FROM THE CITY'S WEB SITE.
  - TRENCH IS TO BE FULLY WITHIN ROW



**CITY OF PEORIA STANDARD DETAIL - PE-070-2**  
Interconnect Joint Trench Detail

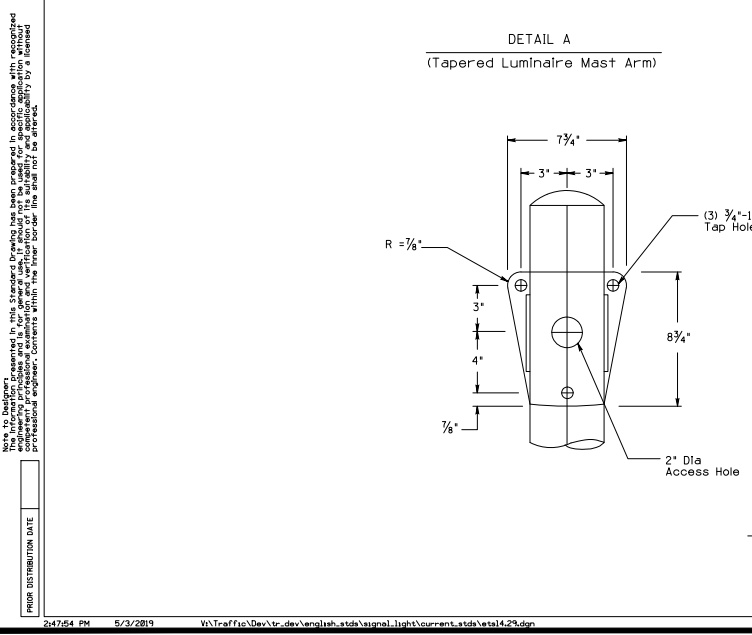
THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL

Call at least two full working days before you begin excavation.  
**ARIZONA 811**  
Arizona Blue Stake, Inc.  
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	GT	DATE	05/26	<b>CITY OF PEORIA ENGINEERING DEPARTMENT</b>  <b>LIGHTING DETAILS</b>  <b>PRELIMINARY</b>  <b>90%</b>  NOT FOR CONSTRUCTION OR RECORDING  SHEET 82 OF 83
DRAWN	IF	DATE	05/26	
CHECKED	GT	DATE	05/26	
		LOCATION <b>JOMAX RD - DYSART RD TO 126TH DR</b>		DRAWING NO. SL04

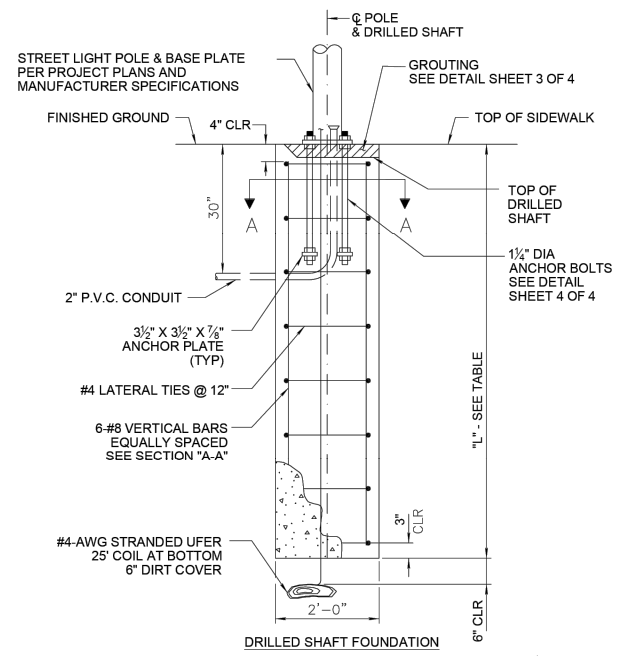


DRILLED SHAFT DEPTH TABLE	
GROUND SLOPE*	L
LEVEL (UP TO 12:1)	8'-0"
≤3H:1V	10'-0"
>3H:1V	REQUIRES SPECIAL DESIGN

\*MEASURED WITHIN 6 FT OF  $\phi$  DRILLED SHAFT. GROUND SLOPE BEYOND 6 FT OF  $\phi$  DRILLED SHAFT DOES NOT AFFECT SHAFT DEPTH.

**FOUNDATION NOTES:**

- CAP CONDUIT ON BOTH ENDS PRIOR TO INSTALLATION.
- ALL CONDUIT FROM POLE TO BE CONNECTED TO JUNCTION BOX.
- CONCRETE: MAG CLASS "A" 3,000 PSI POURED AGAINST UNDISTURBED COMPACTED EARTH.
- REINFORCING STEEL: ASTM A615, GRADE 60.
- DRILLED SHAFT INSTALLED IN SLOPES STEEPER THAN LEVEL GROUND (UP TO 12:1) REQUIRES A LARGER DEPTH. SEE DRILLED SHAFT DEPTH TABLE THIS SHEET.
- SEE TABLE ON SHEET 2 OF 4 FOR APPLICABLE POLE/MAST ARM CONFIGURATIONS.



APPLICABLE POLE/MAST CONFIGURATIONS	
POLE TYPE	MAST ARM TYPE
16' AB POLE TYPE "G"	10' X 10' ANGLED MAST ARM - TYPE "G" POLE
16' SQUARE ANCHOR BASE POLE	8' SINGLE MAST ARM FOR 5' SQUARE POLE
20' STEPPED AB POLE TYPE "G"	6'-0" X 2'-0" MAST ARM - TYPE "G" POLE
	10' X 10' ANGLED MAST ARM - TYPE "G" POLE
	10'-0" X 3'-4" MAST ARM - TYPE "G" POLE
	15'-0" X 4'-9" MAST ARM - TYPE "G" POLE
20' SQUARE ANCHOR BASE POLE	4' SINGLE MAST ARM FOR 5' SQUARE POLE
	8' SINGLE MAST ARM FOR 5' SQUARE POLE
	6'-0" X 2'-0" MAST ARM - TYPE "G" POLE
25' STEPPED AB POLE TYPE "G"	10' X 10' ANGLED MAST ARM - TYPE "G" POLE
	10'-0" X 3'-4" MAST ARM - TYPE "G" POLE
	15'-0" X 4'-9" MAST ARM - TYPE "G" POLE
	20'-0" X 5'-9" MAST ARM - TYPE "G" POLE
25' SQUARE ANCHOR BASE POLE	4' SINGLE MAST ARM FOR 5' SQUARE POLE
	8' SINGLE MAST ARM FOR 5' SQUARE POLE
	10' X 10' ANGLED MAST ARM - TYPE "G" POLE
30' STEPPED AB POLE TYPE "G"	10'-0" X 3'-4" MAST ARM - TYPE "G" POLE
	15'-0" X 4'-9" MAST ARM - TYPE "G" POLE
	20'-0" X 5'-9" MAST ARM - TYPE "G" POLE
32' SQUARE ANCHOR BASE POLE	4' SINGLE MAST ARM FOR 5' SQUARE POLE
	8' SINGLE MAST ARM FOR 5' SQUARE POLE

**DESIGN NOTES:**

- FOUNDATION DESIGNED IN ACCORDANCE WITH "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS", 6TH EDITION, 2013 WITH REVISIONS THROUGH 2020.
  - DESIGN CRITERIA: WIND SPEED: 90 MPH.
  - SOIL PROPERTIES: ANGLE OF INTERNAL FRICTION: 25 DEG. UNIT WEIGHT: 110 PCF
  - IF SOIL ENCOUNTERED VARIES FROM VALUES ABOVE, THE ENGINEER SHALL BE NOTIFIED AND THE SHAFT DEPTH ACCORDINGLY.
  - FOUNDATION DESIGN CONTROLLED BY LATERAL LOADING.
  - FOUNDATION DESIGN BASED ON: LUMINAIRE WEIGHT OF 24 LBS AND EFFECTIVE PROJECTED AREA (EPA) OF 0.57 SQ FT
- 6.25 SQ FT SIGN ALLOWANCE. MAXIMUM MOUNTING HEIGHT OF 8'-3" FROM BOTTOM OF POLE TO CENTER OF SIGN.
- 12 SQ FT BANNER ALLOWANCE. MAXIMUM MOUNTING HEIGHT OF 13'-0" FROM BOTTOM OF POLE TO CENTER OF BANNER.



3/23/23

CITY OF PEORIA STANDARD DETAIL - PE-150-1  
STREET LIGHT FOUNDATION (1 OF 4)

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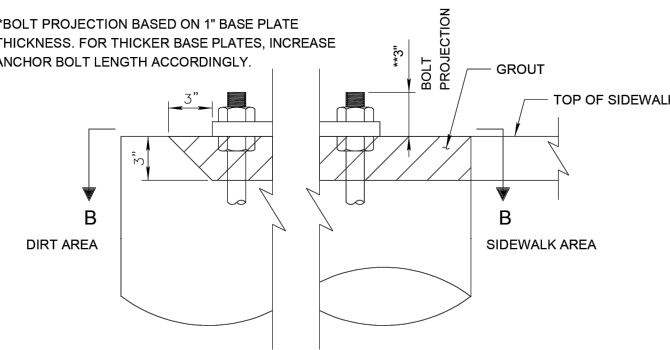


3/23/23

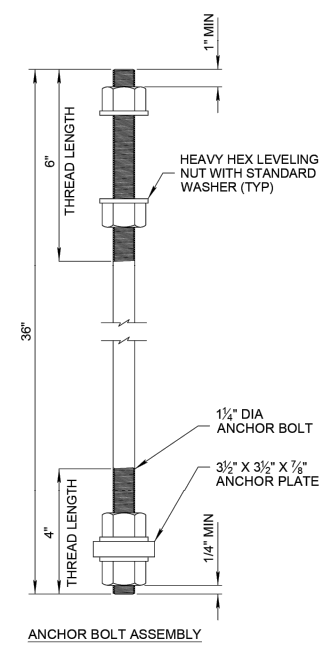
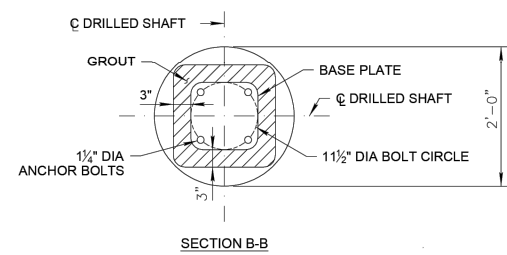
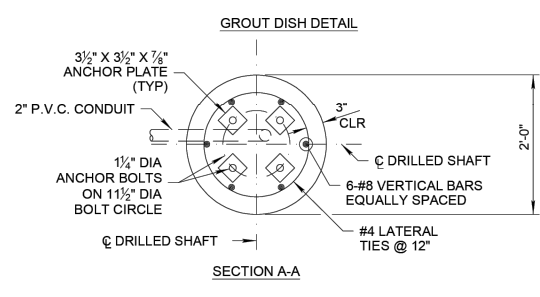
CITY OF PEORIA STANDARD DETAIL - PE-150-2  
STREET LIGHT FOUNDATION (2 OF 4)

THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL

\*\*BOLT PROJECTION BASED ON 1" BASE PLATE THICKNESS. FOR THICKER BASE PLATES, INCREASE ANCHOR BOLT LENGTH ACCORDINGLY.



- GROUT NOTES**
- GROUT SHALL BE NON-SHRINK CEMENTITIOUS, 28-DAY F'C=5,000 PSI.
  - BOTTOM OF POLE BASE SHALL SIT FLUSH WITH TOP OF POLE FOUNDATION OR ADJACENT SIDEWALK. SEE GROUT DISH DETAIL THIS SHEET.
  - AFTER POLE IS LEVELED, GROUT SHALL BE INSTALLED FLUSH WITH TOP OF ADJACENT SIDEWALK OR TOP OF FOUNDATION.



**ANCHOR BOLT NOTES**

- MATERIALS:  
ANCHOR BOLTS: ASTM F1554 (GRADE 36).  
NUTS: ASTM A563 GRADE DH3 HEX.  
PLATE WASHERS: ASTM A36.
- BOLTS TO BE SQUARE WITH ROADWAY.
- ANCHOR BOLTS SHALL NOT BE WELDED TO THE REINFORCING STEEL.
- ANCHOR BOLTS, NUTS AND WASHERS SHALL BE FULLY GALVANIZED IN ACCORDANCE WITH ASTM A153.



9/20/22

CITY OF PEORIA STANDARD DETAIL - PE-150-3  
STREET LIGHT FOUNDATION (3 OF 4)

THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL



5/1/2023

CITY OF PEORIA STANDARD DETAIL - PE-150-4  
STREET LIGHT FOUNDATION (4 OF 4)

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	NAME	DATE
DESIGN	GT	05/26
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**Greenlight**  
Traffic Engineering

CITY OF PEORIA  
ENGINEERING DEPARTMENT

**LIGHTING DETAILS**

PRELIMINARY  
**90%**

NOT FOR CONSTRUCTION OR RECORDING

DRAWING NO. SL05 LOCATION **JOMAX RD - DYSART RD TO 126TH DR**

SHEET 83 OF 83