

City of Peoria
Engineering Department
JOMAX ROAD EXTENSION
DYSART ROAD TO 126TH DRIVE
Location (T4N, R1W, S2 & T5N, R1W, S35)



PROJECT NUMBER P65410

APPROVALS:

ENGINEERING DIRECTOR _____ DATE _____

PROJECT BENCHMARK

1. BASIS OF BEARING: SECTION 2 OF TOWNSHIP 4 NORTH, RANGE 1 WEST & SECTION 35 OF TOWNSHIP 5 NORTH, RANGE 1 WEST.
2. 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.
3. PROJECT BENCHMARK IS CONTROL POINT #99
LAT: N33°43'31.44215"
LONG: W112°20'39.85080"
ELLIPSOID HEIGHT: 1294.844 FT
ELEVATION: 1392.592 FT
DESCRIPTION: NGS MONUMENT "Q366"

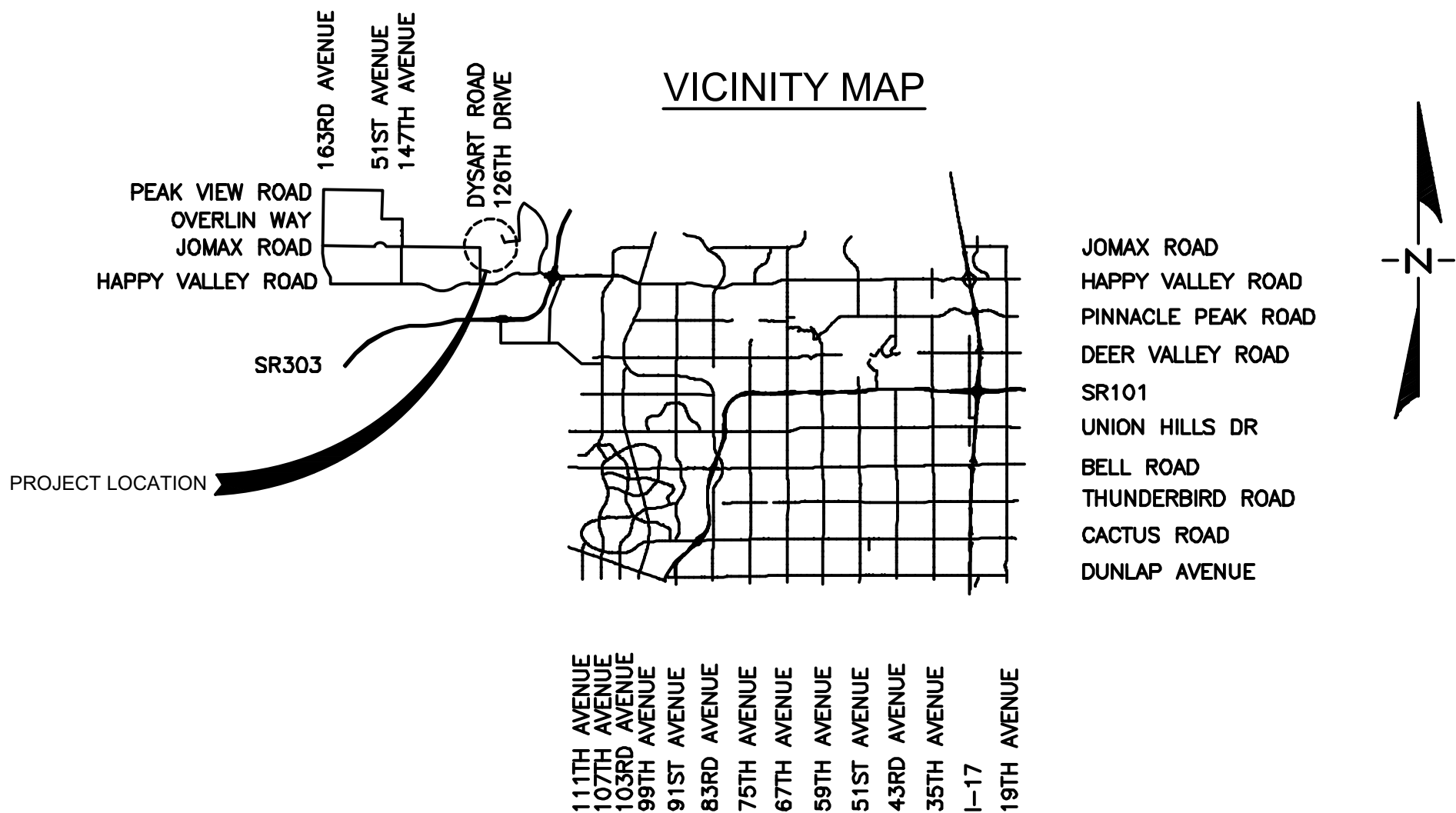
VERTICAL BENCHMARK

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



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OWNER:

CITY OF PEORIA
9875 N 85TH AVENUE
PEORIA, AZ 85345
PH: 623-773-7212
FAX: 623-773-7211

ENGINEER:

TYLIN INTERNATIONAL
1475 N SCOTTSDALE ROAD
SUITE 450
SCOTTSDALE, AZ 85257, USA
PH: 480-968-8814
FAX: 480-921-0002



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	10/10/2025	602-320-7069
CENTURYLINK – LUMEN – FIBER	KEVIN WAGNER	10/10/2025	815-245-9640
COX COMMUNICATIONS – FIBER	JAMES THOMPSON	10/10/2025	623-328-3554
EPCOR	RUBEN VELOZ	10/10/2025	
MCI – VERIZON – FIBER	JOAQUIN CAMPOS	10/10/2025	480-952-7450
SOUTHWEST GAS CORPORATION – GAS	MATTHEW MILLER	10/10/2025	480-772-0410
ITS – CITY OF PEORIA			
WATER – CITY OF PEORIA	DANIEL KIEL	10/10/2025	623-773-7982
WASTEWATER – CITY OF PEORIA			
WYWERD	MICHAEL CARDWELL	10/10/2025	802-739-8802



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

DESIGN: DPF	DRAWN: VLM	CHK: CSS	DATE:
REV	DESCRIPTION	BY	DATE:

COVER SHEET
JOMAX ROAD EXTENSION
DYSART ROAD TO 126TH DRIVE
PROJECT NO. P65410
DATE: OCTOBER 10, 2025

PRELIMINARY

60%

NOT FOR
CONSTRUCTION
OR RECORDING

DRAWING NO.
CV01
SHEET NO.
1 of 62

F.H.W.A. REGION

STATE

PROJECT NO.

SHEET NO.

TOTAL SHEETS

RECORD DRAWING

9

AZ

P65410

GENERAL INFORMATION

1. 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.

2. THE CITY CODE SEC. 13-91. (2) ESTABLISHES CONSTRUCTION WORK HOURS AS FOLLOWS:

CONSTRUCTION TYPE: APRIL 2-SEPTEMBER 29 SEPTEMBER 30-APRIL 1
CONCRETE WORK 5:00 AM TO 7:00 PM 6:00 AM TO 7:00 PM OTHER
CONSTRUCTION (WITHIN 500 FT OF RESIDENTIAL AREA) 6:00 AM TO 7:00 PM
7:00 AM TO 7:00 PM CONSTRUCTION WORK (MORE THAN 500 FT OF
RESIDENTIAL AREA) 5:00 AM TO 7:00 PM 5:00 AM TO 7:00 PM

3. 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.

4. 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.

5. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN PER THE PHOENIX TRAFFIC BARRICADE MANUAL. BARRICADES MUST BE CONTINUALLY MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT (REFER TO CHAPTER 23 OF THE CITY CODE). IF ANY PART OF THE TRAFFIC CONTROL PLAN FALLS WITHIN 300' OF A SIGNALIZED INTERSECTION, A UNIFORMED OFF-DUTY OFFICER WILL BE REQUIRED FOR TRAFFIC CONTROL. A TRAFFIC CONTROL PLAN (TCP) SHALL BE SUBMITTED TO THE 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. A COPY OF THE ACCEPTED PLAN MUST REMAIN ON THE JOB SITE AT ALL TIMES.

6. 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

1. 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.

2. 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.

3. THE ENGINEERING DIRECTOR OR THEIR DESIGNEE DOES NOT WARRANT ANY QUANTITIES SHOWN ON THESE PLANS.

4. 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.

5. 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.

6. 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.

7. 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.

8. ALL UNDERGROUND TANKS REQUIRE A PERMIT FROM THE FIRE DEPARTMENT PRIOR TO REMOVAL.

9. 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.

10.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

11.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.

12.THE 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.

13.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.

14.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.

15.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

18. 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.

19. TRAFFIC CONTROL SHALL CONFORM TO THE CITY OF PHOENIX TRAFFIC BARRICADE MANUAL, MUTCD, AND THE CITY OF PEORIA INFRASTRUCTURE DEVELOPMENT DESIGN GUIDELINES.

20. ANY AND ALL OBSTRUCTIONS WITHIN THE RIGHTS-OF-WAY AND EASEMENTS SHALL BE REMOVED BEFORE ANY CONSTRUCTION IS COMMENCED.

21. 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.

22. 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.

23. 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.

24. THE CONTRACTOR/DEVELOPER IS SOLELY RESPONSIBLE FOR ALL JOB SITE SAFETY, INCLUDING BUT NOT LIMITED TO MEETING ALL REQUIREMENTS OF OSHA AND ADOSH. 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.

25. 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

1. THE GRADING AND DRAINAGE PLANS MUST BE APPROVED BY THE ENGINEERING DIRECTOR OR THEIR DESIGNEE. THE ENGINEERING INSPECTIONS OFFICE SHALL BE NOTIFIED AT (623) 773-8445, 48-HOURS BEFORE ANY ON-SITE CONSTRUCTION BEGINS.

2. 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 ENGINEERING DEPARTMENT. ADDITIONAL REQUIREMENTS AS SET FORTH BY THE ENGINEERING DEPARTMENT SHALL BE MET.

3. 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.

4. STORM DRAIN INLET MARKERS SHALL BE INSTALLED ON ALL CATCH BASINS, SCUPPERS, HEADWALLS, AND CULVERTS PER LATEST EDITION OF THE CITY OF PEORIA SUPPLEMENT TO MARICOPA ASSOCIATION OF GOVERNMENTS UNIFORM STANDARD DETAILS.

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

PEORIA

ARIZONA

NO.

REVISION

BY

APPR

DATE

DESIGN

DRAWN

CHECKED

NAME

VLM

TG

DPF

DATE

10/25

10/25

10/25

TYLin

DRAWING NO.

GN01

LOCATION

JOMAX RD - DYSART RD TO 126TH DR

CITY OF PEORIA

ENGINEERING DEPARTMENT

GENERAL NOTES AND LEGEND

PRELIMINARY

60%

NOT FOR CONSTRUCTION OR RECORDING

SHEET 2 OF 62

10/10/2025 3:25:04 PM

Taylor_Gann

TY Lin Half Scale.ctb

T:\0\TYLin-PHX\3010\0100625\002\600_D56NHighway\04_Sheets\P65410_GN_GenNotes.dwg

PAVING

1. EXACT POINT OF PAVEMENT MATCHING, TERMINATION AND/OR OVERLAY, IF NECESSARY, SHALL BE DETERMINED IN THE FIELD BY THE ENGINEERING INSPECTIONS DIVISION.
2. 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.
3. ALL CONTRACTORS/DEVELOPERS SHALL COMPLY WITH THE CITY OF PEORIA DETAIL PE-211 FOR TRENCH PLATING.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.

LEGEND AND SYMBOLS

	EXISTING UNDERGROUND ELECTRIC
	EXISTING WATER
	EXISTING SEWER
	EXISTING GAS
	EXISTING TELEPHONE
	EXISTING CABLE TV
	EXISTING FIBER OPTIC
	EXISTING STORM DRAIN
	PROPOSED FIRE HYDRANT
	PROPOSED WATER VALVE
	PROPOSED SEWER MANHOLE
	EXISTING WATER VALVE
	EXISTING SEWER MANHOLE
	EXISTING CONTOURS
	EXISTING FIRE HYDRANT
	SURVEY MONUMENT
	PROPOSED STREET SIGN BASE
	EXISTING ELECTRICAL BOX
	EXISTING IRRIGATION VALVE
	EXISTING STORM DRAIN MANHOLE
	UNISTORM
	STORM DRAIN
	SIDEWALK
	FLOW LINE ELEVATION
	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
	PAVEMENT ELEVATION
	CENTERLINE STATIONING
	TOP OF CURB ELEVATION
	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, 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	RGROP	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



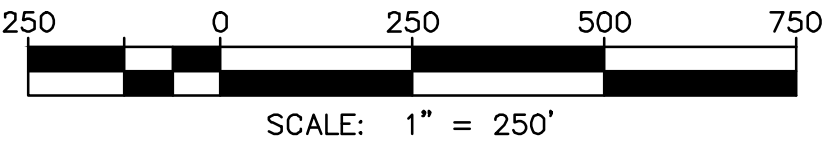
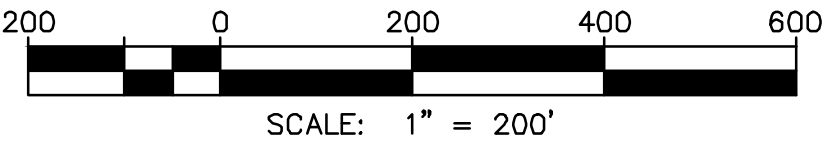
NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25
TYLin		CITY OF PEORIA ENGINEERING DEPARTMENT	
DRAWING NO. GN02		LOCATION JOMAX RD - DYSART RD TO 126TH DR	
		GENERAL NOTES AND LEGEND	
		PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING	
		SHEET 3 OF 62	

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

KEY MAP LEGEND

- # PAVING PLANS
- # SIGNING & STRIPING PLANS



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	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25

TYLin

DRAWING NO.	LOCATION
KM01	JOMAX RD - DYSART RD TO 126TH DR

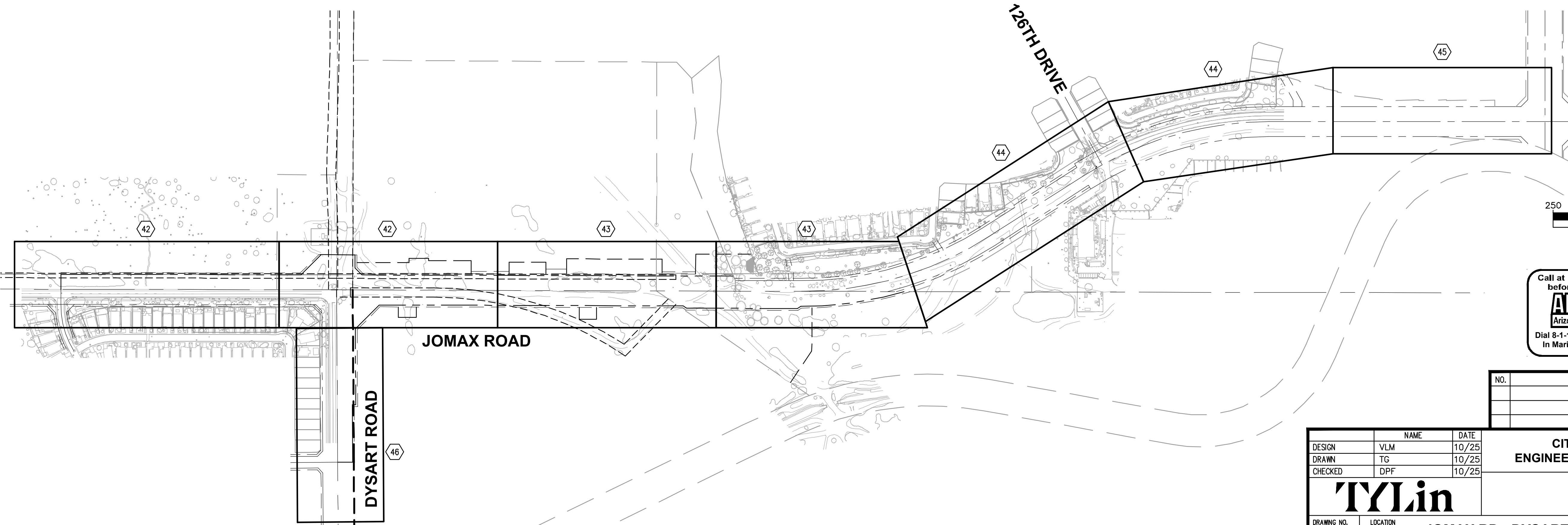
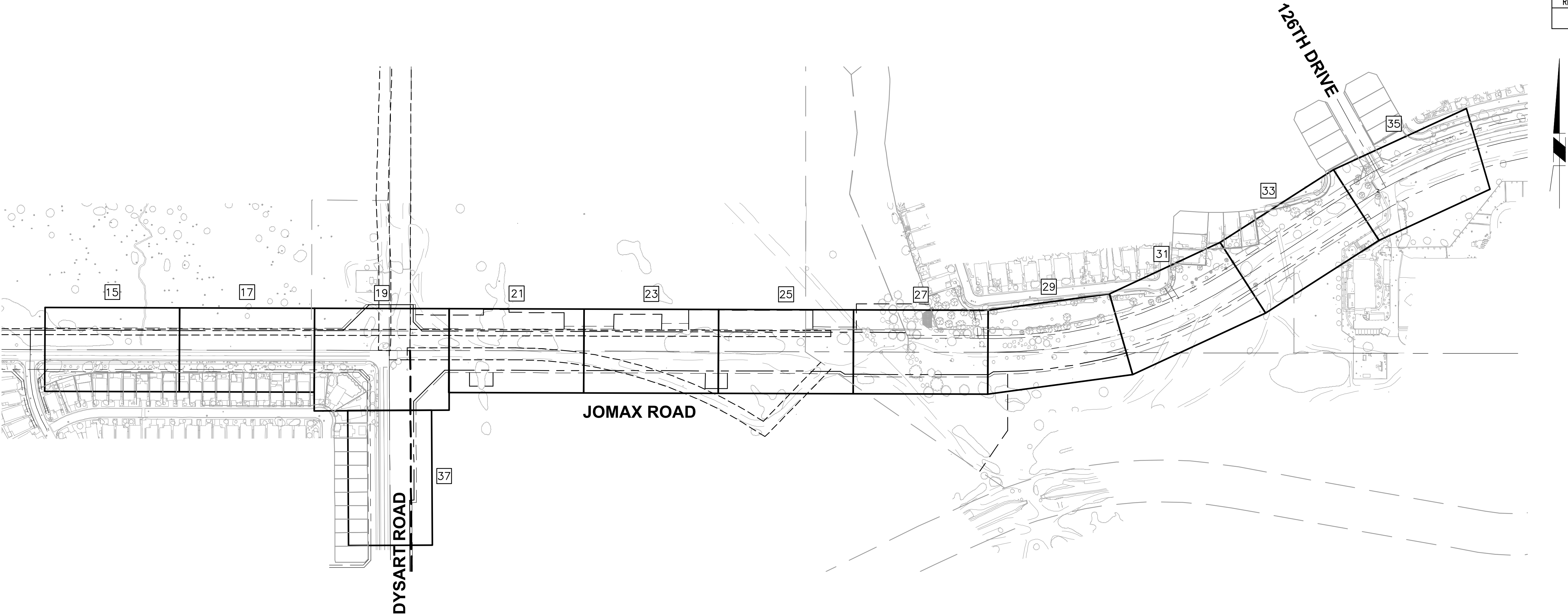
CITY OF PEORIA
ENGINEERING DEPARTMENT

KEY MAP

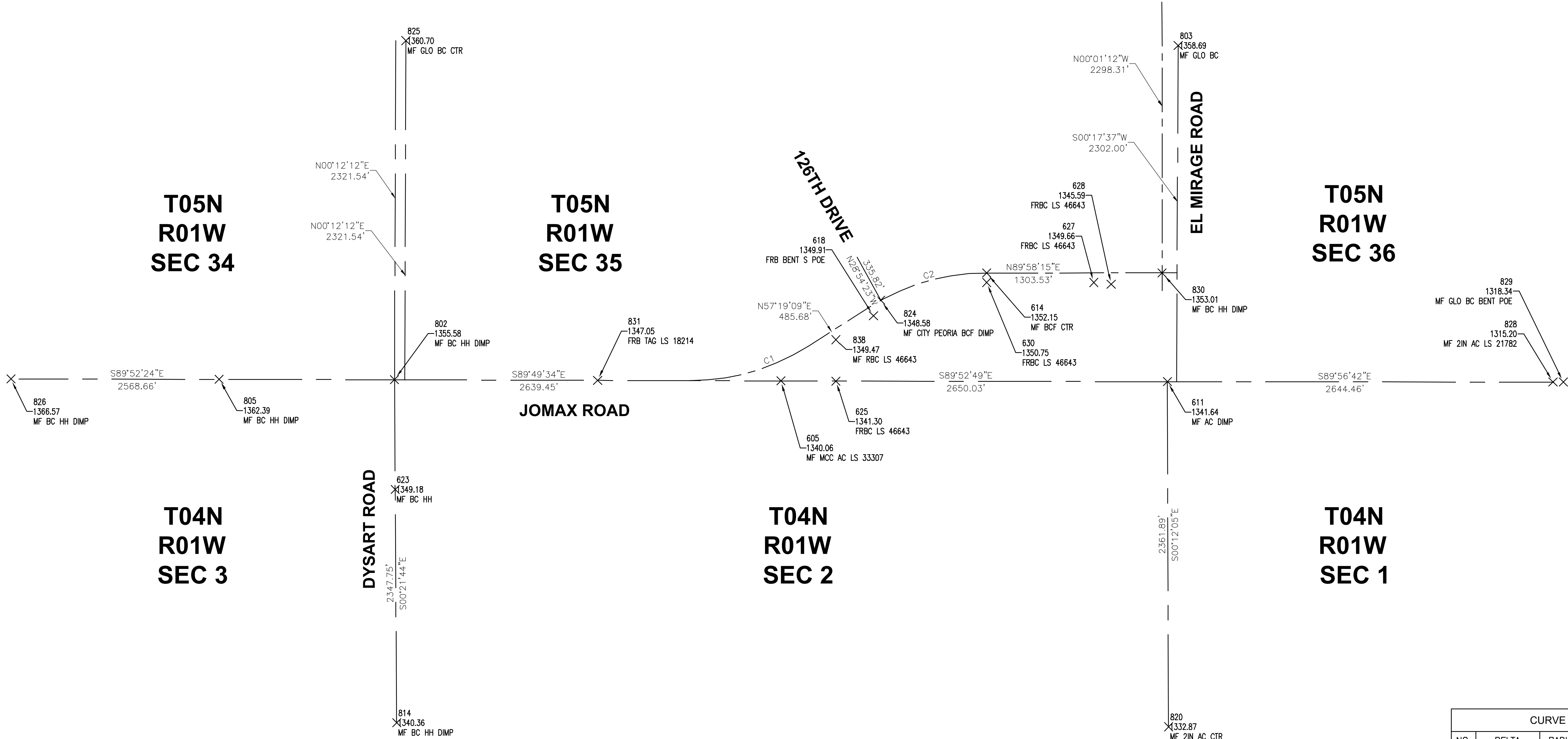
PRELIMINARY
60%

NOT FOR
CONSTRUCTION
OR RECORDING

SHEET 4 OF 62



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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	991733.9	569967	1392.592	NGS BC Q366
802	991549	570411.7	1355.585	MF BC HH DIMP
803	993837.4	575775.8	1358.69	MF GLO BC
804	991513.9	583622.4	1294.412	MF GLO BC
805	991551.6	569212.2	1362.39	MF BC HH DIMP
810	991557.4	565146.4	1374.745	MF ACF DIMP LS 19820
811	991557.3	565204	1374.141	MF ACF DIMP LS 19820
812	991524.7	549954.3	1423.767	MF ROD HH
813	993890.1	565211.4	1394.034	MF GLO BC
814	989201.3	570426.5	1340.361	MF BC HH DIMP
815	990707.7	596992.2	1472.859	MF 3IN AC DIMP
819	991524.5	580981.3	1327.646	MF 2IN AC DIMP
820	989173.6	575709.5	1332.871	MF 2IN AC CTR
825	993870.3	570490	1360.704	MF GLO BC CTR
826	991554.7	567786.6	1366.568	MF BC HH DIMP
827	989226.9	565172.7	1357.966	MF MCC BC HH DIMP

NOTES

1.

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.
2.

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"
3.

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

NAVD88 POINT 4LC1, 3" ALUM CAP W/DIMPLE

1.

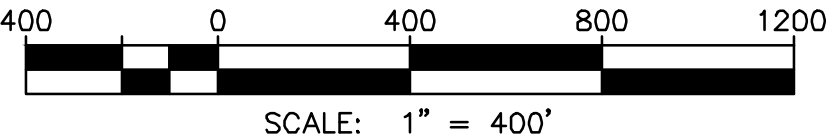
CITY OF PEORIA CONTROL (GRID)
NORTHING: 991,524.69
EASTING: 549,957.16
ELEVATION: 1423.77
2.

CITY OF PEORIA CONTROL (GROUND)
NORTHING: 991,524.58
EASTING: 549,954.37
ELEVATION: 1423.77
3.

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



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NO.	REVISION	BY	APPR	DATE

DESIGN
DRAWN
CHECKED

VLM
TG
DPF

10/25
10/25
10/25

NAME

DATE

DATE

10/25

CITY OF PEORIA
ENGINEERING DEPARTMENT

GEOMETRIC CONTROL

PRELIMINARY
60%
NOT FOR
CONSTRUCTION
OR RECORDING

SHEET 5 OF 62

Sheet Number and Quantities - Jomax Rd															
Item No.	Description	Unit	15	17	19	21	23	25	27	29	31	33	35	37	TOTAL
8	SUBGRADE PREPARATION	SY		637	2,934	1,713	1,451	1,450	1,450	1,426	1,426	1,450	300	1,040	15,279
9	AGGREGATE BASE COURSE, THICKNESS PER PLANS	CY		212	978	571	484	483	475	475	483	100	347		5,093
10	ASPHALT CONCRETE PAVEMENT (MARSHALL 3/4" MIX), THICKNESS PER PLANS	Ton		178	820	479	405	405	405	399	399	405	84	291	4,269
11	BITUMINOUS TACK COAT SS-1H, DILUTED	Ton		0.2	1.2	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.1	0.4	6
12	VERTICAL CURB & GUTTER, MAG DET. 220, TYPE A, H = 6"	LF		260	1,058	874	900	900	819	885	885	900	227	69	7,777
13	ROLL CURB & GUTTER, MAG DET. 220, TYPE D	LF			1,214	102			61					50	1,427
14	SINGLE CURB, MAG DET 222, TYPE A	LF			320										320
15	CONCRETE SIDEWALK, MAG DET 230, WIDTH PER PLANS	SF			5,134	3,961	3,517	3,424	3,354	3,359	3,475	3,472	702		30,397
16	ASPHALT PAVEMENT EDGE, MAG DET 201, TYPE A	LF		144	38									256	438
17	INSTALL SURVEY MONUMENT, PER MAG DET. 120-1, TYPE 'A'	EA			1										1
18	INSTALL SURVEY MONUMENT, PER MAG DET. 120-1, TYPE 'B'	EA								1	1				2
19	DECOMPOSED GRANITE, 1/2" - (2" THICK)	SF		1,266	28,500	28,045	20,366	25,420	9,843	11,285	7,663	8,069	1,286	7,268	149,011
20	ADJUST MANHOLE FRAME & COVER TO FINISH GRADE PER CITY OF PEORIA DET 422	EA			2	1		1	1						5
21	ADJUST WATER VALVE & COVER TO GRADE PER CITY OF PEORIA DET PE-270 & MAG DET 391-1	EA			1		1	3	7	2	2	1			17
22	ADJUST FIRE HYDRANT TO GRADE	EA							2	1	1	1			5
23	CURB TRANSITION, MAG DET 221, TYPE A TO TYPE C	LF			10	10		5	15						40
24	4" THICK CLASS 'B' CONCRETE MEDIAN	SF			2,411	155								133	2,699
25	9" THICK CLASS 'A' CONCRETE	SF			3,487				3,933						7,420
26	PERPENDICULAR CURB RAMP, MAG DET 238-1	SF			1,219										1,219
27	REMOVAL OF ASPHALT CONCRETE	SY		534	1,775								28	767	3,105
29	REMOVE CURB AND GUTTER	LF		129	363									195	687
30	REMOVAL OF EXISTING SIDEWALK	SF			929								106		1,035
31	REMOVE EXISTING FENCE	LF							123						123
32	REMOVE AND SALVAGE EXISTING GABIONS	LF											30		30
50	CONSTRUCT CONCRETE SCUPPER PER MAG STD DET 206, 3-4' CURB OPENING	EA			1	1	1	1		1		1			6
51	CONCRETE SCUPPER SPILLWAY, MAG DET 206	SF			125	91	28	123		64		60			491
52	FURNISH & INSTALL DUMPED RIPRAP D50=6", BED THICKNESS SHOWN ON PLANS	CY			8.4	186.5	105.8	59.7	32	5.1		4.9			403
53	FURNISH & INSTALL DUMPED RIPRAP D50=12", BED THICKNESS SHOWN ON PLANS	CY							5,227						5,227
54	CATCH BASIN PER MAG STD DET 542-2, TYPE I (WING PER PLAN)	EA											1		1
55	MODIFIED HEADWALL, MAG STD. DET. 501-1 & 501-2	EA				2	2								4
56	SAFETY RAIL, MAG STD. DET. 145	LF				90	71		235						396
57	INSTALL STORM DRAIN INLET MARKER, PER COP DET PE-559-1 & PE-559-2	EA			1	1	1	1		1		1	1		7
58	INSTALL BRIDGE CULVERT STRUCTURE ID MARKER, PER COP DET PE-280-1 & 280-2	EA							2						2
59	FURNISH & INSTALL 24" RGRCP, CLASS III	LF			34								62		96
60	FURNISH & INSTALL 30" RGRCP, CLASS III	LF					363								363
61	FURNISH & INSTALL 36" RGRCP, CLASS III	LF				528									528
62	FURNISH & INSTALL REINFORCED CONCRETE PIPE END SECTION PER MAD STD DET 545	EA											1		1

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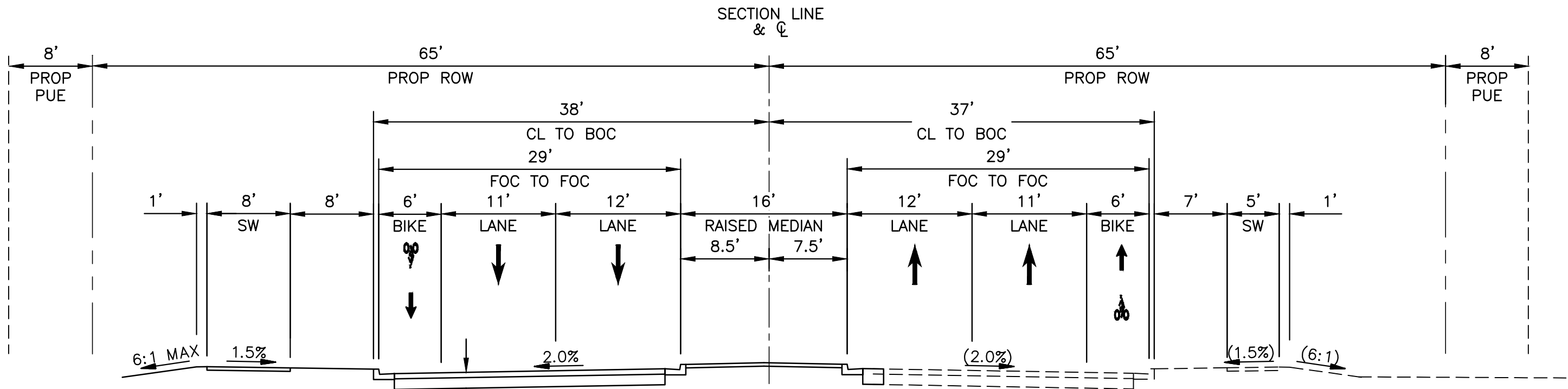
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DESIGN	VLM	DATE	10/25
DRAWN	TG		10/25
CHECKED	DPF		10/25
TYLin			
DRAWING NO.	LOCATION	JOMAX RD - DYSART RD TO 126TH DR	
QS01			

CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
QUANTITY SUMMARY	
SHEET 6 OF 62	

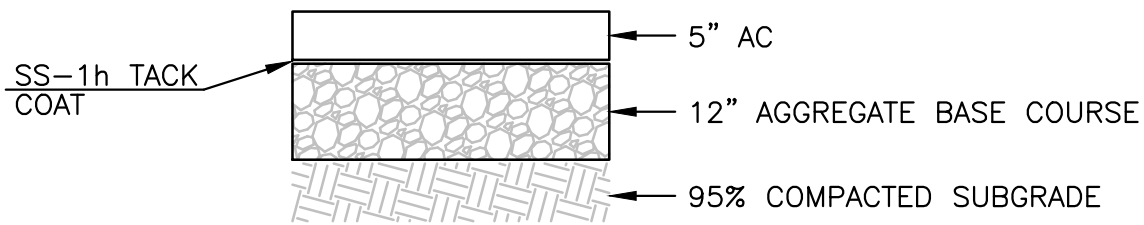
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

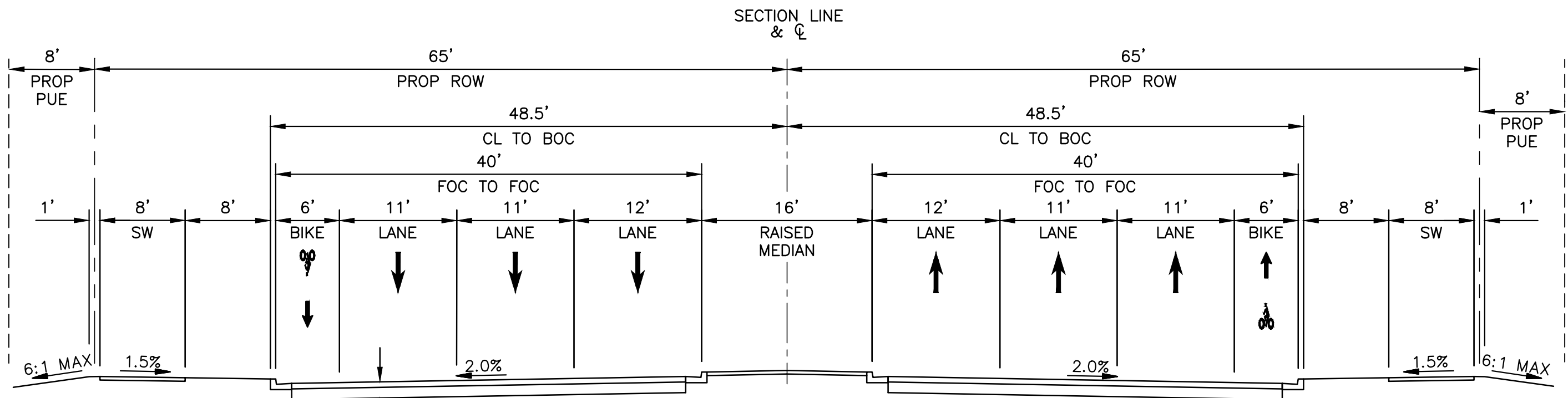


JOMAX RD (ULTIMATE)

LOOKING EAST
WEST OF DYSART ROAD

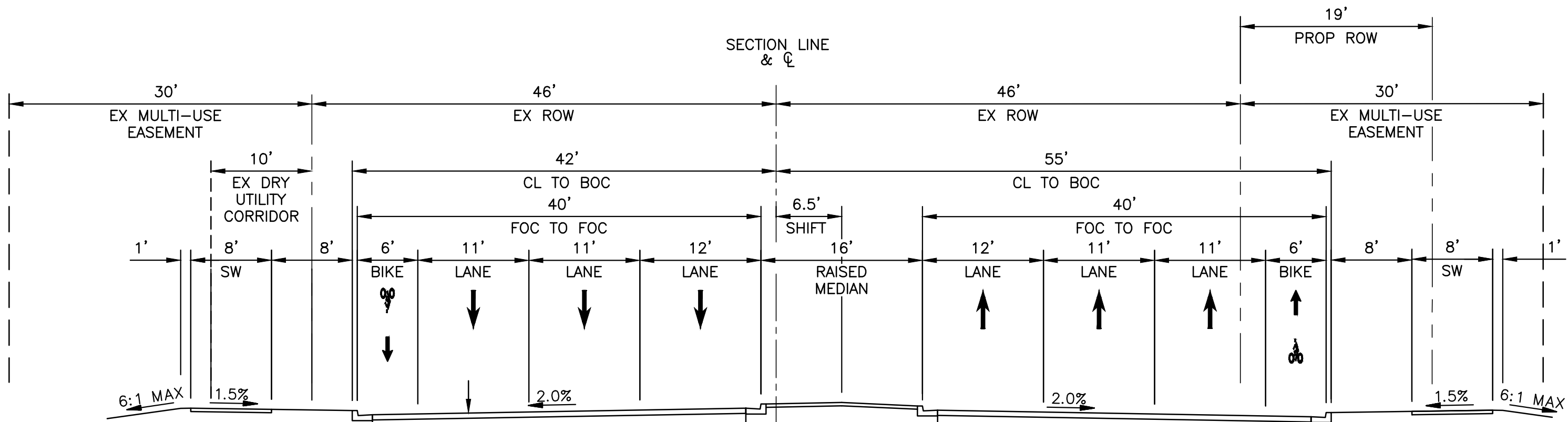


PAVEMENT STRUCTURAL SECTION NO. 1
NTS



JOMAX RD (ULTIMATE)

LOOKING EAST
FROM DYSART ROAD TO MCMICKEN WASH



JOMAX RD (ULTIMATE)

LOOKING EAST
SHOWN ACROSS VISTANCIA FRONTAGE

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

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In Maricopa County: (602) 263-1100



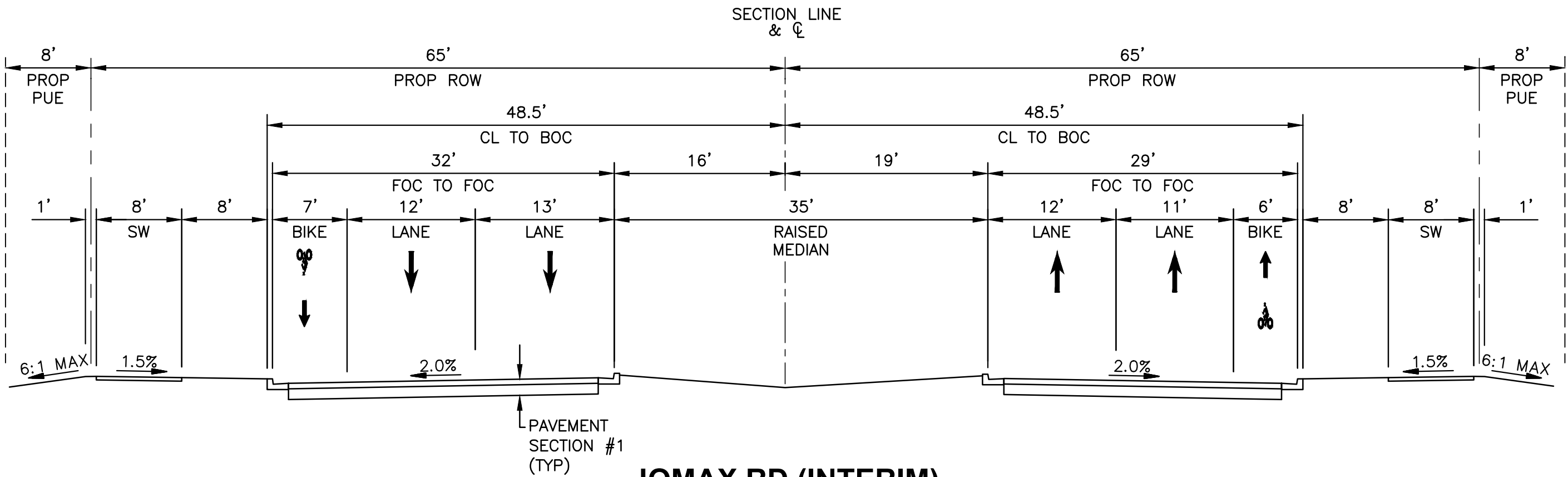
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DESIGN	VLM	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25
DRAWING NO.	TS01	LOCATION	JOMAX RD - DYSART RD TO 126TH DR

CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60%
TYPICAL SECTIONS	NOT FOR CONSTRUCTION OR RECORDING
SHEET 7 OF 62	

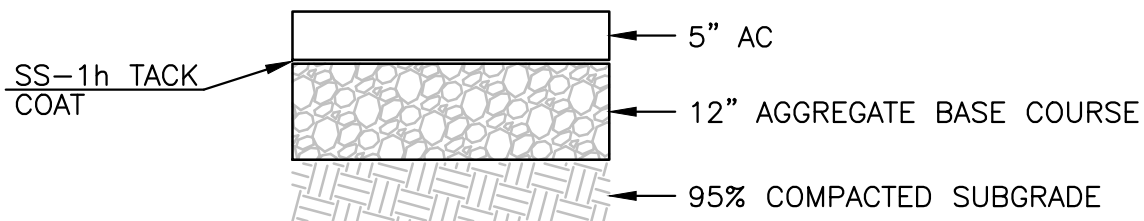
FOR INFORMATION ONLY

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

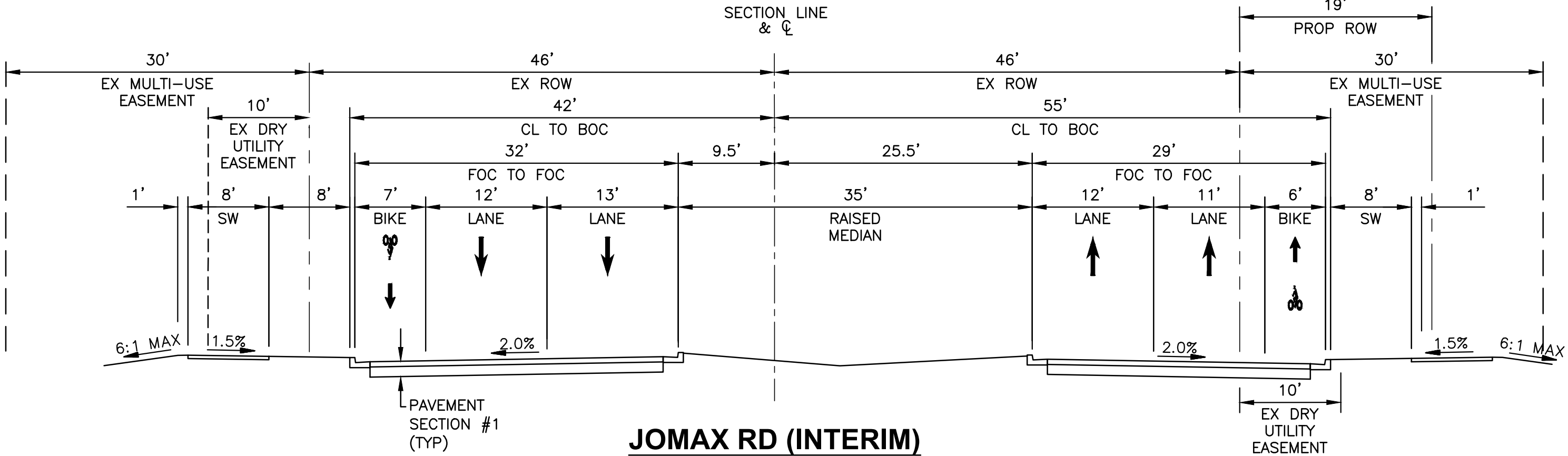


JOMAX RD (INTERIM)

LOOKING EAST
FROM DYSART ROAD TO MCMICKEN WASH



PAVEMENT STRUCTURAL SECTION NO. 1
NTS



JOMAX RD (INTERIM)

LOOKING EAST
SHOWN ACROSS VISTANCIA FRONTAGE

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

ARIZONA 811
Arizona Blue Stake, Inc.

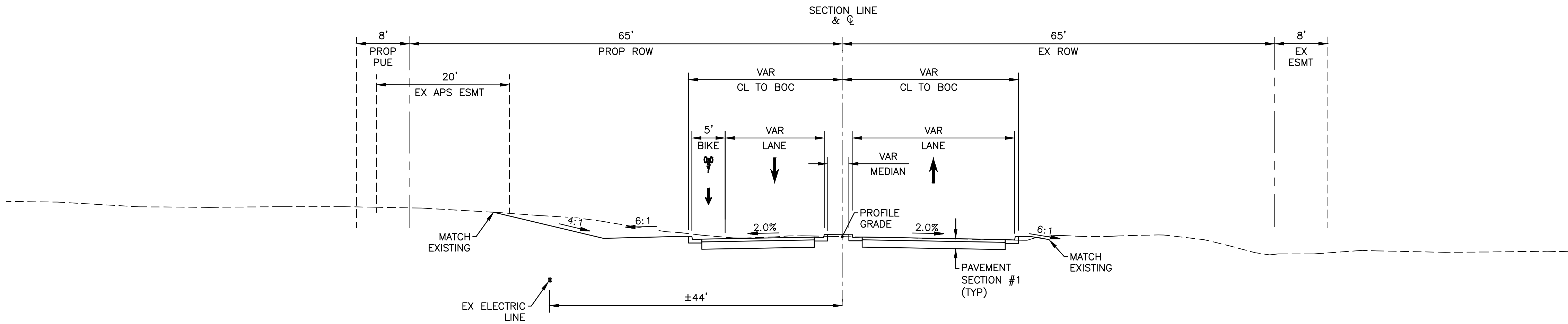
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In Maricopa County: (602) 263-1100



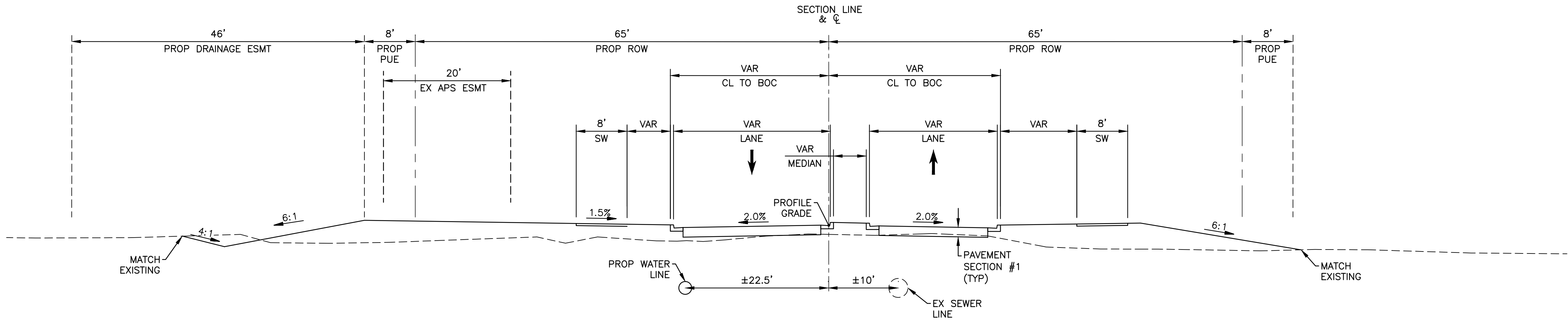
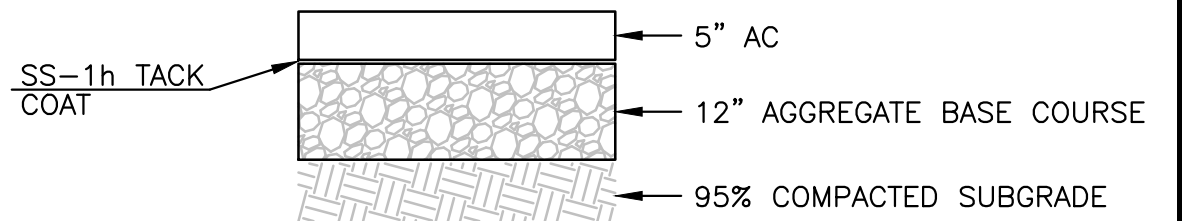
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DESIGN		VLM	10/25		
DRAWN		TG	10/25		
CHECKED		DPF	10/25	TYPICAL SECTIONS	SHEET 8 OF 62
TYLin					
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TS02					

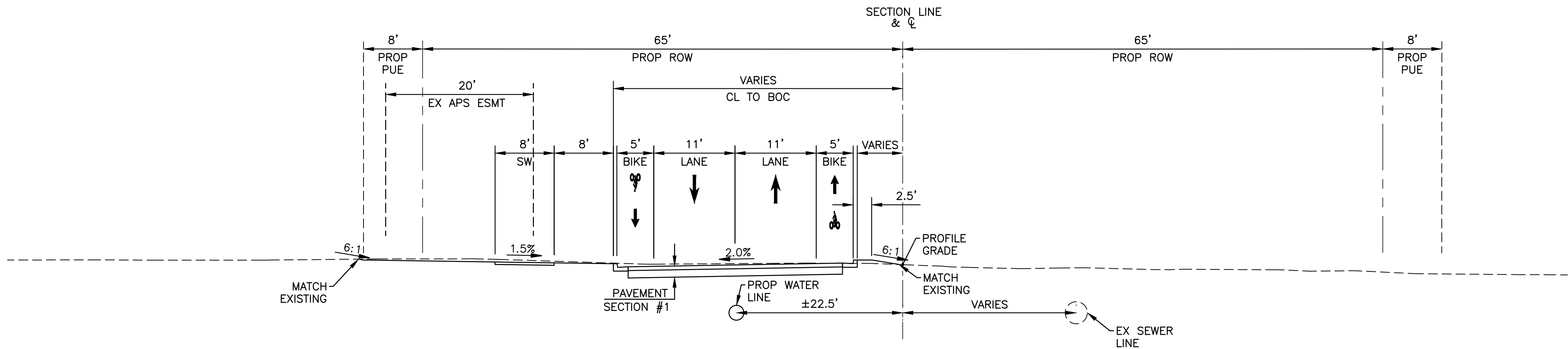
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



W. JOMAX RD
TYPICAL #1 - TEMPORARY
SHOWN AT STA 104+00
STA 100+76.08 TO STA 105+29.74



W. JOMAX RD
TYPICAL #2 - TEMPORARY
SHOWN AT STA 108+00
STA 106+94.17 TO STA 110+05.02



W. JOMAX RD
TYPICAL #3 - TEMPORARY
SHOWN AT STA 112+00
STA 110+05.02 TO STA 114+25.00

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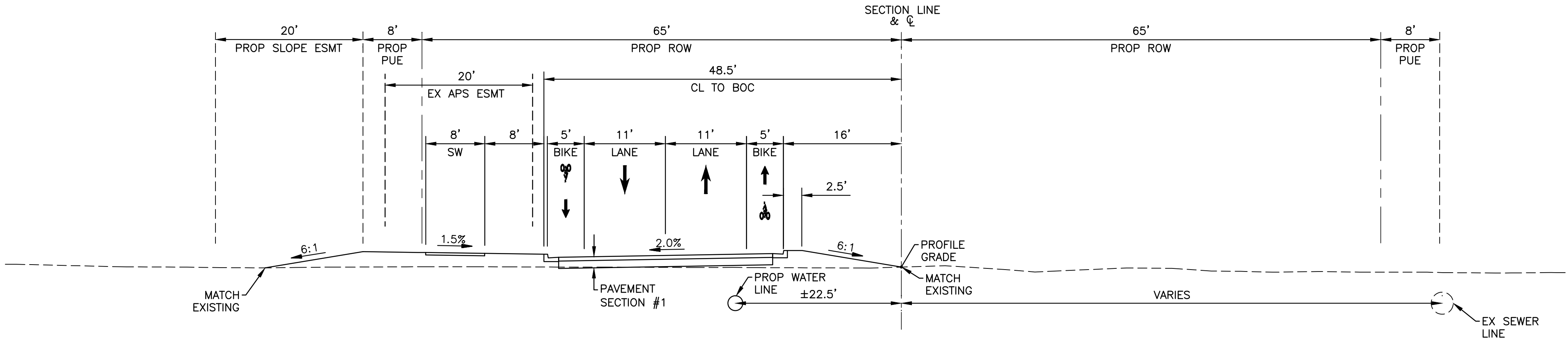
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100



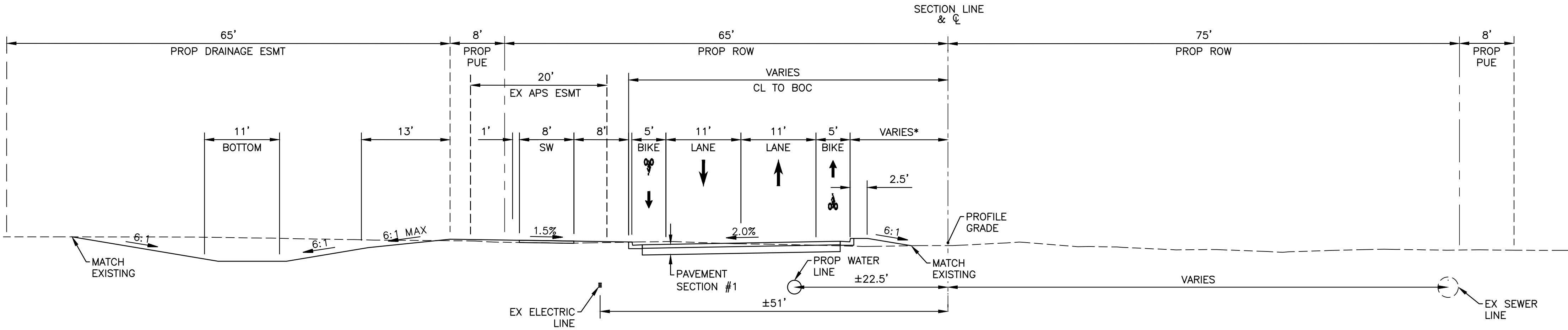
NO.	REVISION	BY	APPR	DATE

		NAME	DATE	CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
DESIGN		VLM	10/25		
DRAWN		TG	10/25		
CHECKED		DPF	10/25		
TYLin				TYPICAL SECTIONS	
DRAWING NO.	LOCATION			JOMAX RD - DYSART RD TO 126TH DR	SHEET 9 OF 62
TS03					

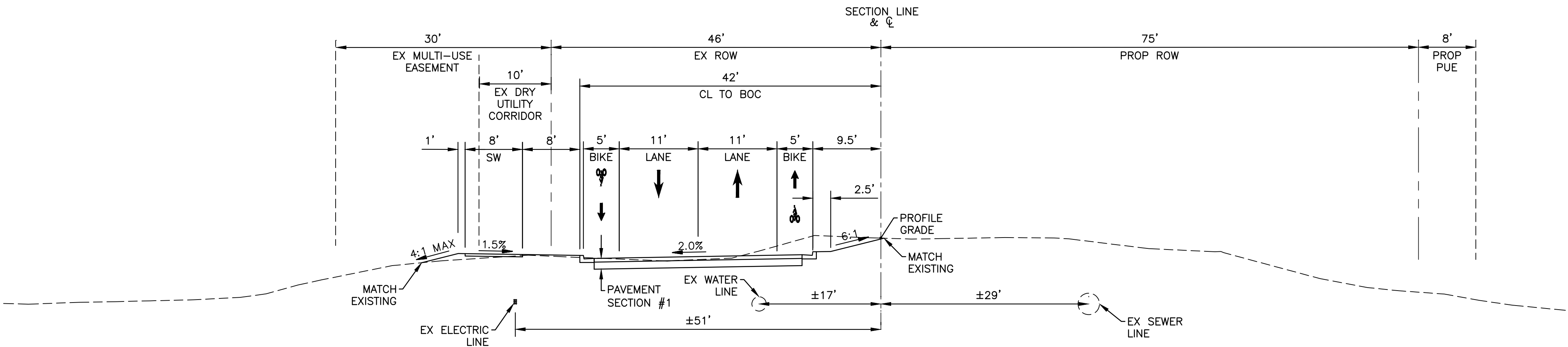
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



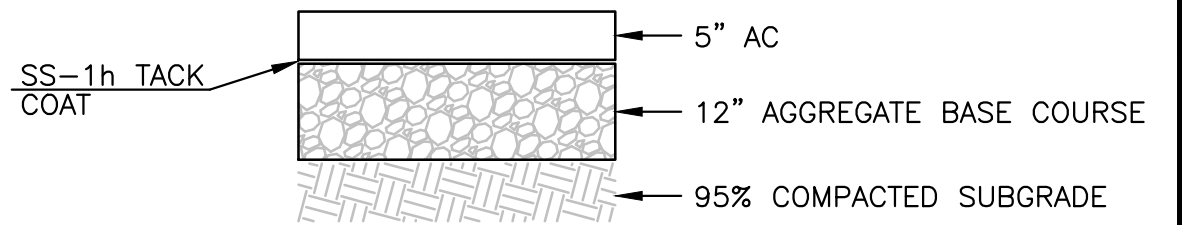
W. JOMAX RD
TYPICAL #4 - TEMPORARY
SHOWN AT STA 116+00
STA 114+25.00 TO STA 117+60.00



W. JOMAX RD
TYPICAL #5 - TEMPORARY
SHOWN AT STA 119+00
STA 117+60.00 TO STA 122+29.00
*VARIES FROM 16' TO 9.5'



W. JOMAX RD
TYPICAL #6 - TEMPORARY
SHOWN AT STA 124+50
STA 122+29.00 TO STA 136+60.75



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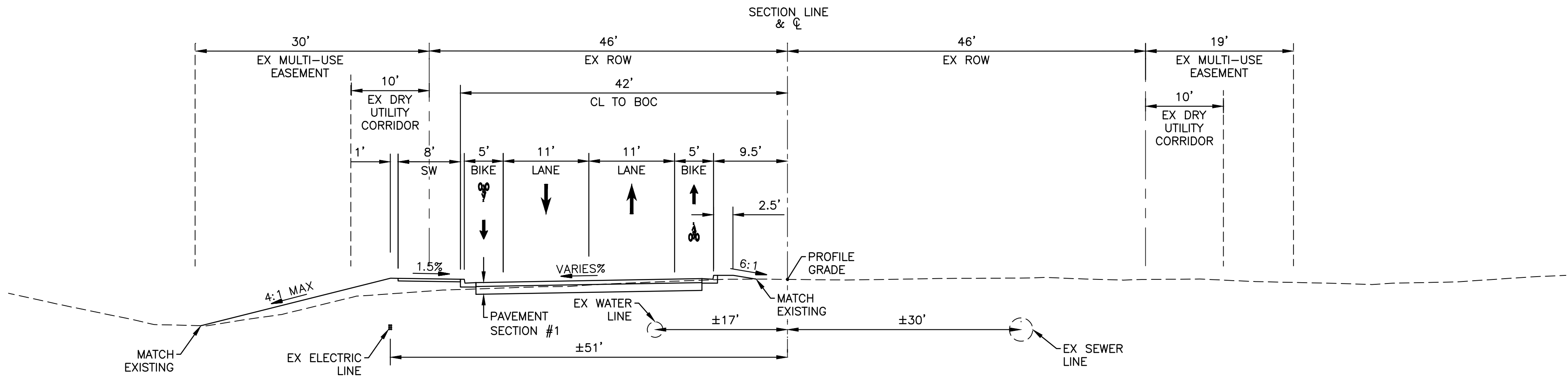


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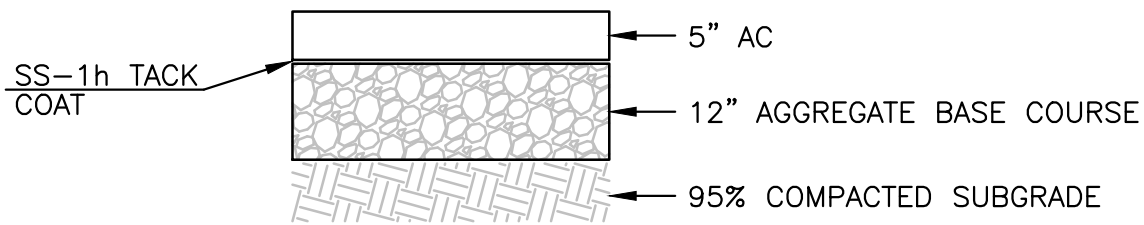
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CHECKED	DPF	DATE	10/25
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CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
SHEET 10 OF 62	

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



W. JOMAX RD
TYPICAL #7 - TEMPORARY
SHOWN AT STA 137+50
STA 136+60.75 TO STA 140+38.11



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NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25
TYLin			
DRAWING NO. TS05		LOCATION JOMAX RD - DYSART RD TO 126TH DR	

CITY OF PEORIA ENGINEERING DEPARTMENT		PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
TYPICAL SECTIONS		
SHEET 11 OF 62		

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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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before you begin excavation.

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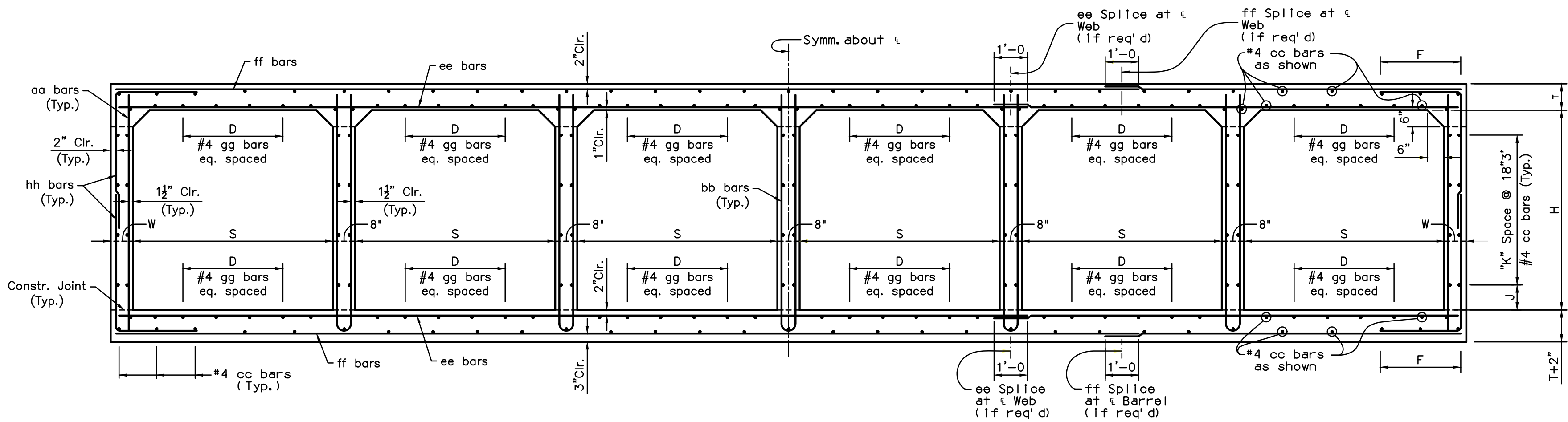


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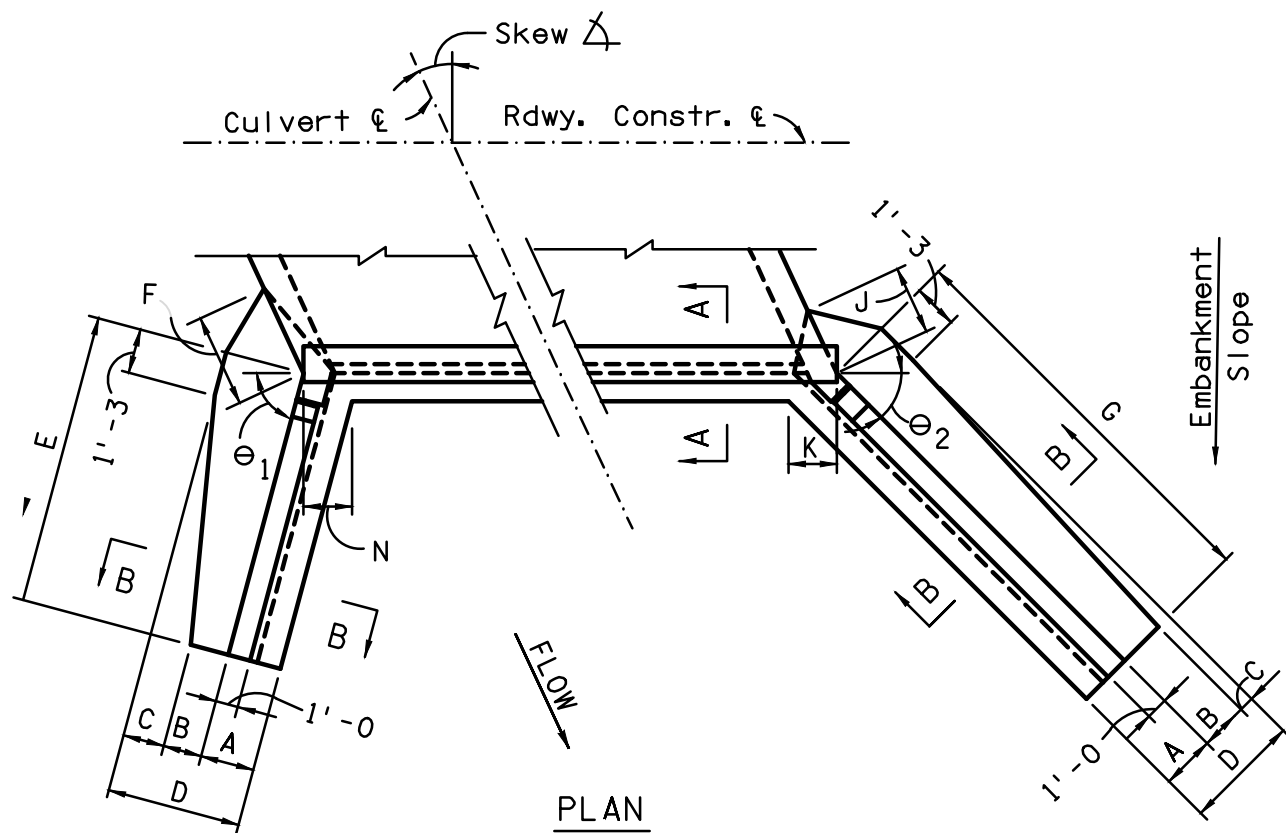
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DRAWN	TG	10/25		
CHECKED	DPF	10/25		
TYLin			TYPICAL SECTIONS	
DRAWING NO. TS06	LOCATION JOMAX RD - DYSART RD TO 126TH DR			SHEET 12 OF 62

T:\0\TYLin-PHX\3010\01000625\002\600_D56NHighway\04_Sheets\P65410_BD_Typicals01.dwg 10/10/2025 9:47:48 AM Dan Fromm TY Lin Half Scale.ctb

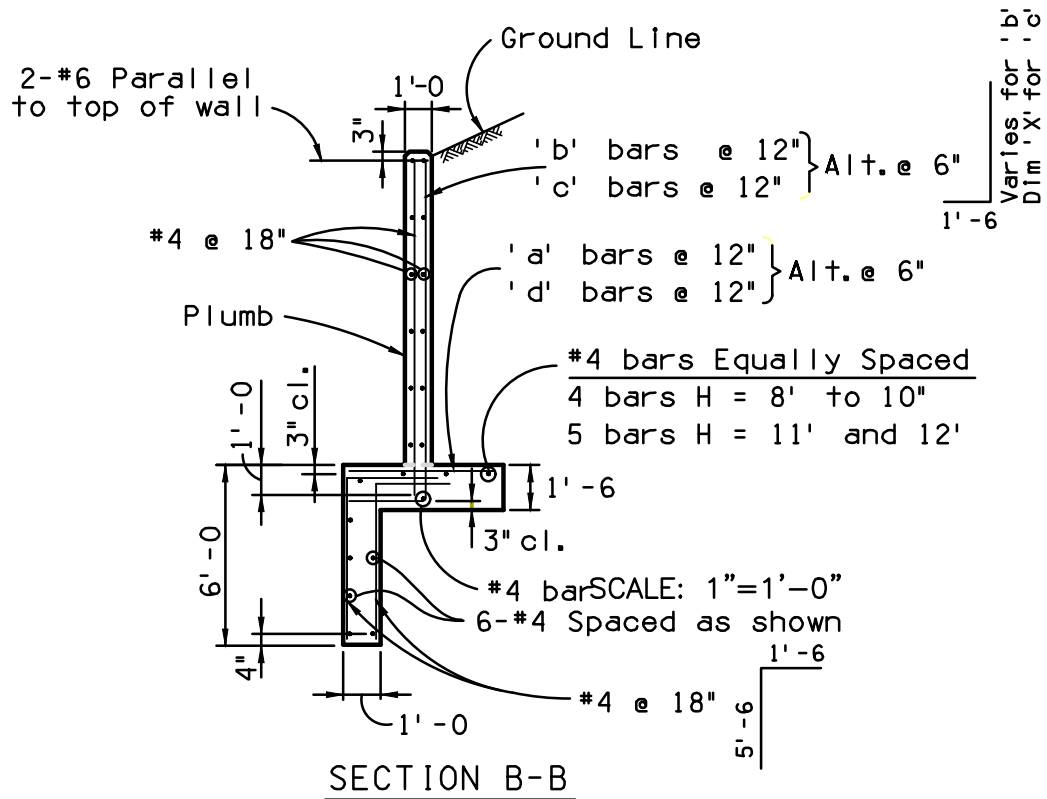
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9	AZ	P65410			



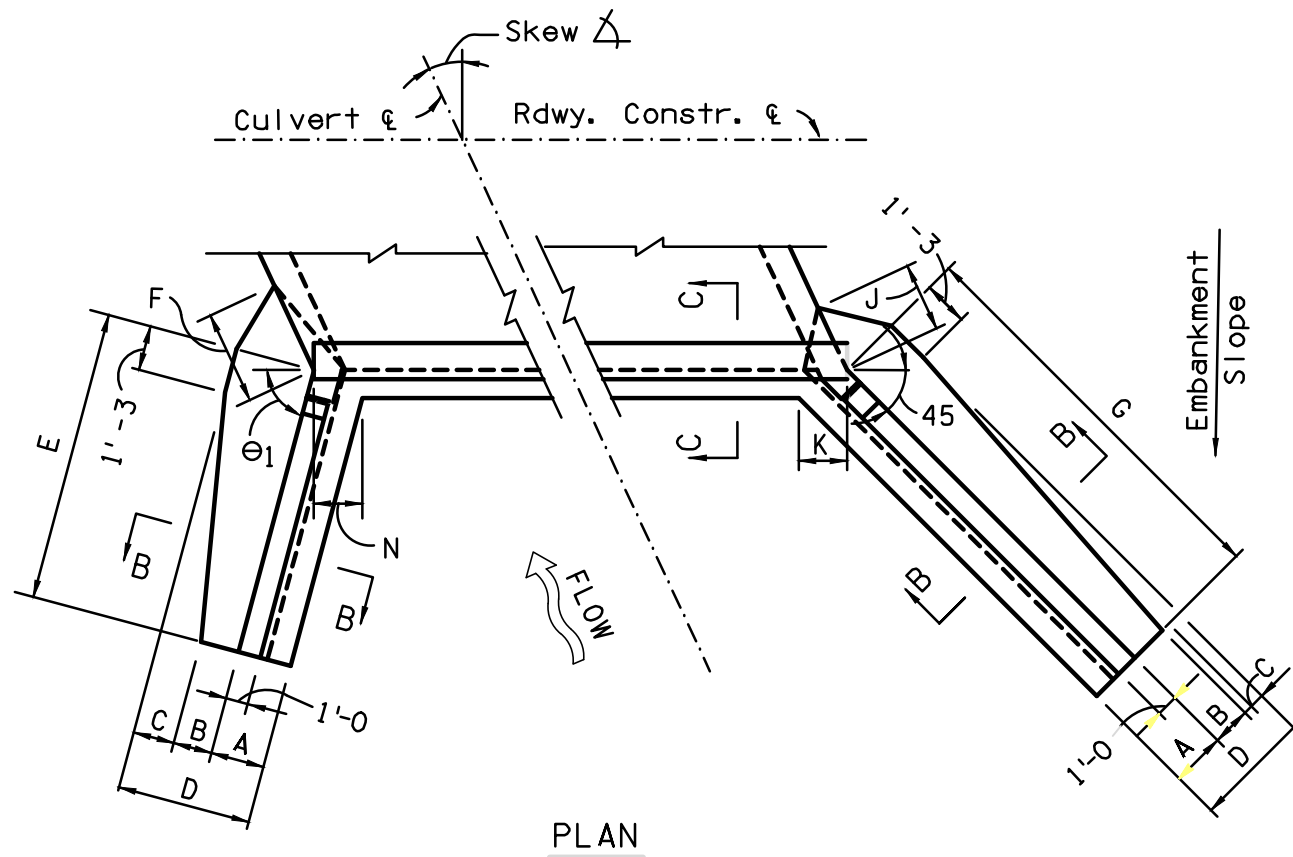
REINFORCED CONCRETE BOX CULVERT SIX BARREL
ADOT DET SD 6.06-1



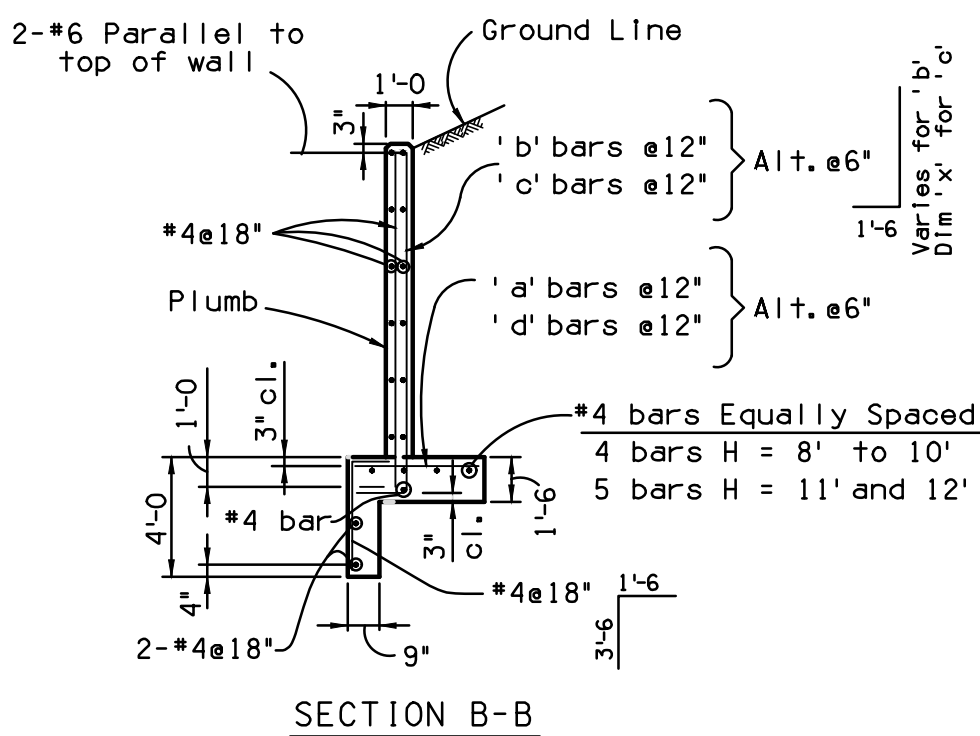
NOTE:
For SECTION A-A,
see SD 6.01 (1 of 5).



OUTLET WINGS - SKEW 0° TO 20°
ADOT DET SD 6.08-2



NOTE:
For SECTION C-C,
see SD 6.01 (2 of 5).



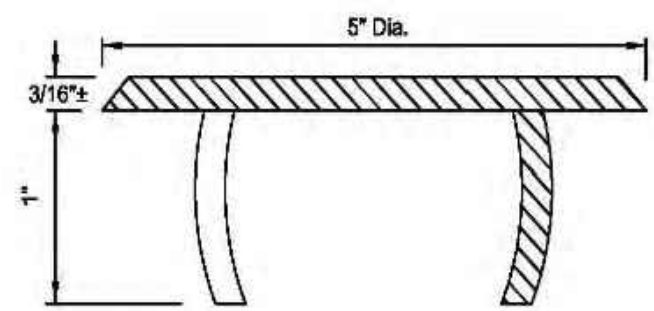
INLET WINGS - SKEW 0° TO 20°
ADOT DET SD 6.08-4



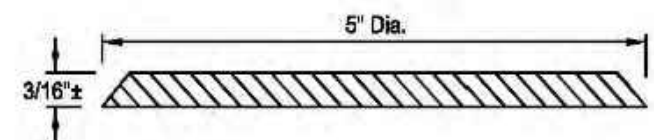
NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25
CITY OF PEORIA ENGINEERING DEPARTMENT			
PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING			
DETAILS			
JOMAX RD - DYSART RD TO 126TH DR			
SHEET 13 OF 62			

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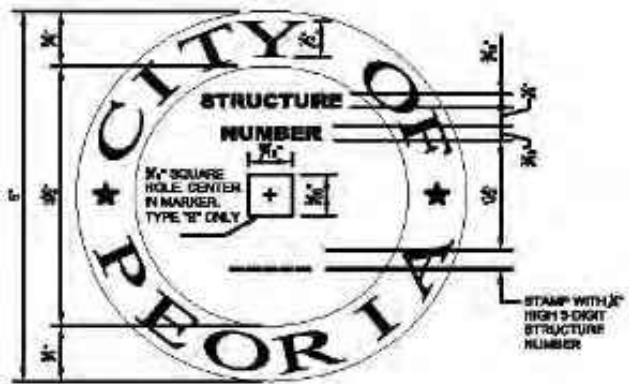
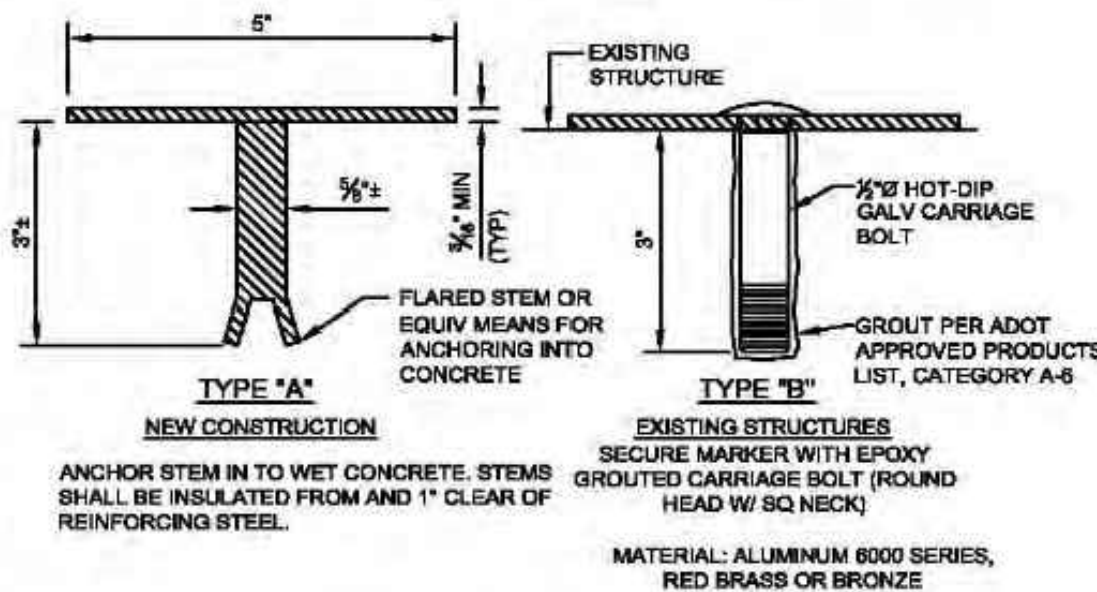
TYPE "A"
TO BE INSTALLED IN WET CONCRETE DURING CONSTRUCTION



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

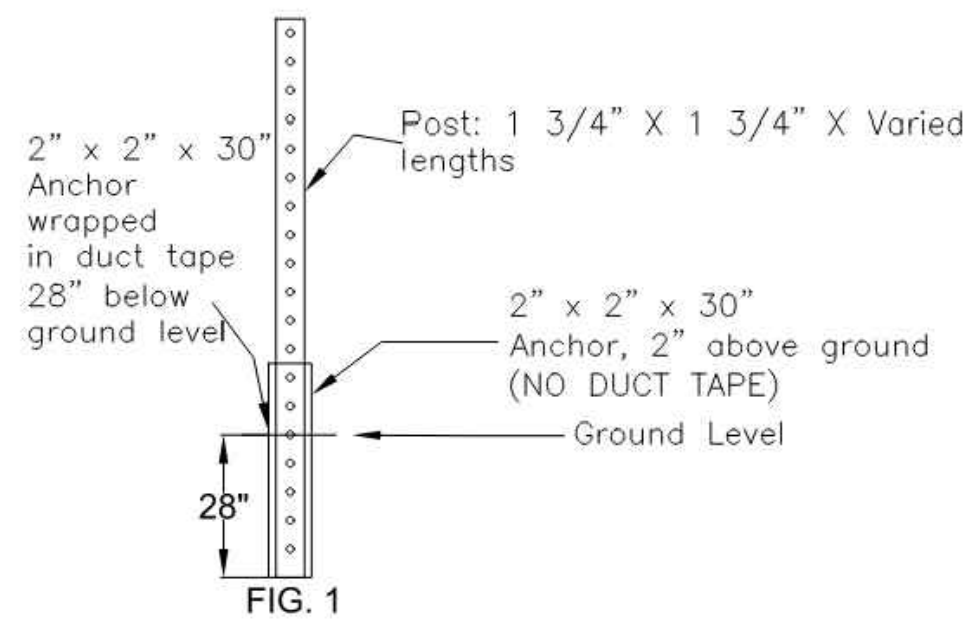


- NOTES:
1. MATERIAL—CAST ALUMINUM
 2. THE TOTAL WIDTH OF INDIVIDUAL LETTERS AND WORDS ARE EQUALLY SPACED AND BALANCED
 3. LETTERS TO BE 1/2" IN HEIGHT. TYPE OF LETTERS TO BE SUBMITTED FOR APPROVAL



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

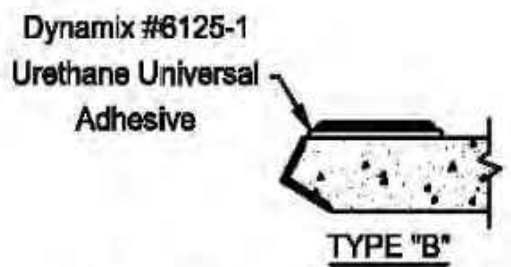
THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL



- 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--USS 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

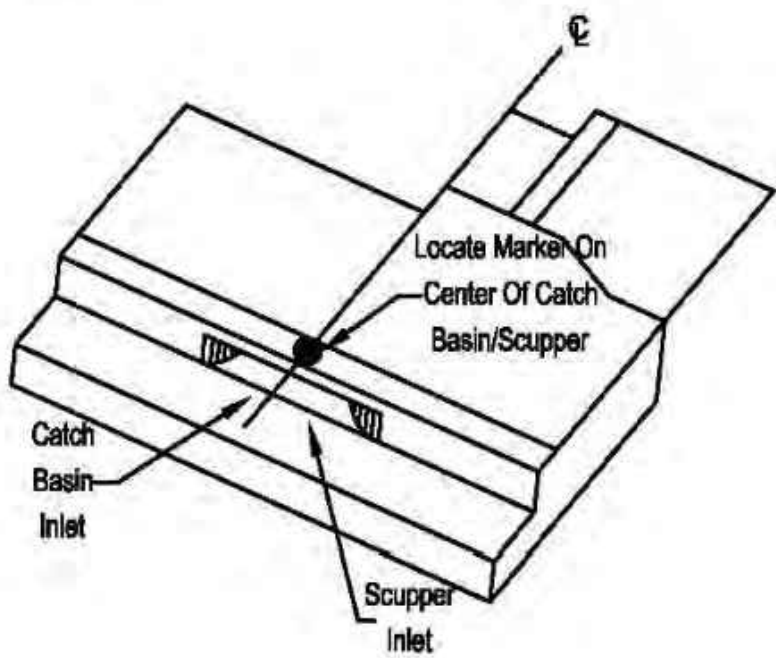
THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL



TO BE INSTALLED WITH ADHESIVE ON EXISTING STRUCTURES

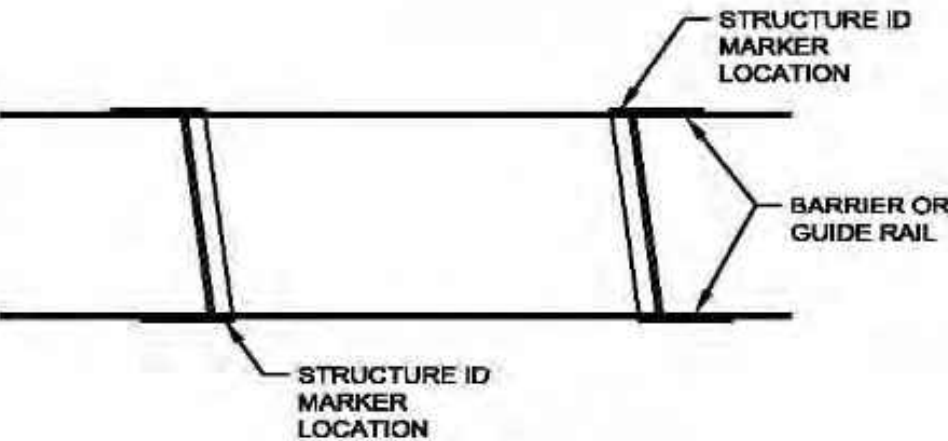
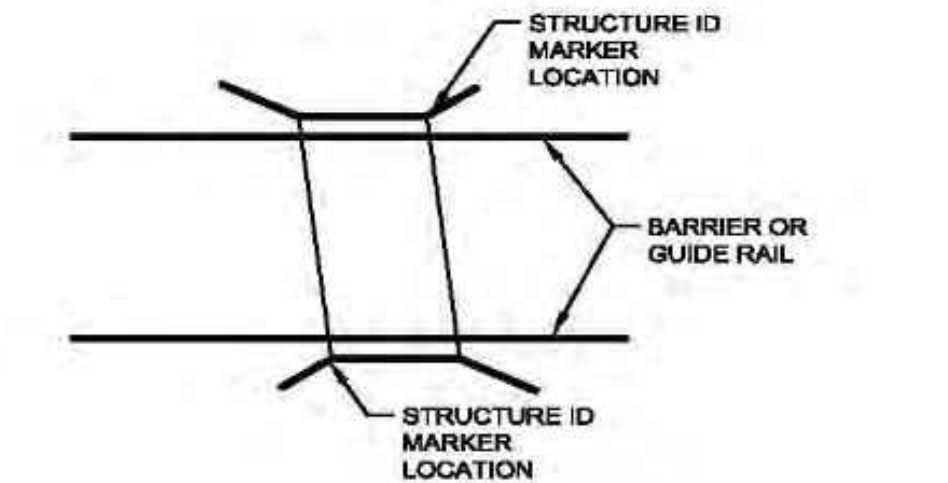


TO BE INSTALLED IN WET CONCRETE DURING CONSTRUCTION



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

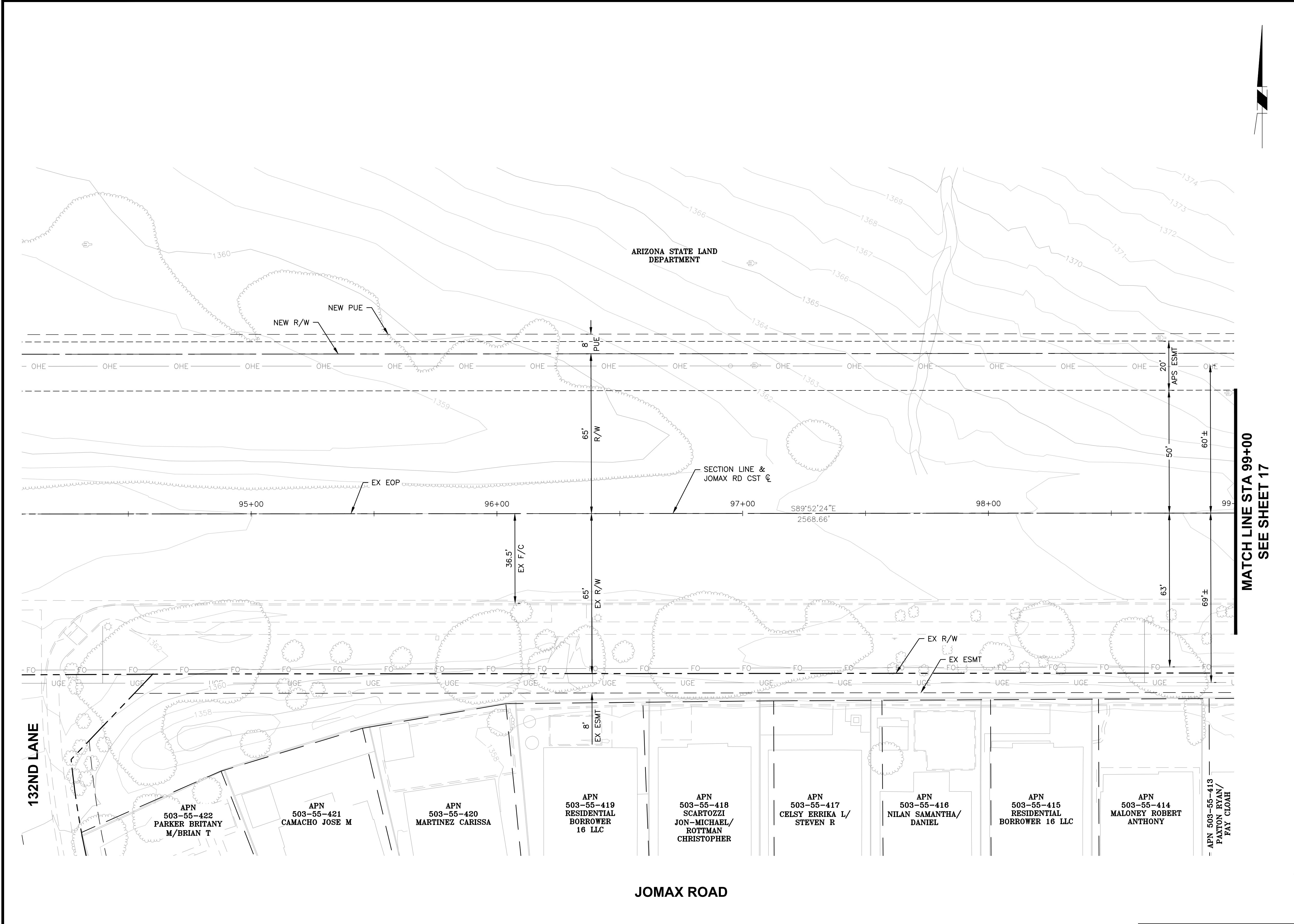
THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL

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	10/25
DRAWN	TG	10/25
CHECKED	DPF	10/25
CITY OF PEORIA ENGINEERING DEPARTMENT		
DETAILS		
PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING		
DRAWING NO. DT02	JOMAX RD - DYSART RD TO 126TH DR	
SHEET 14 OF 62		



MATCH LINE STA 99+00
SEE SHEET 17

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

CONSTRUCTION NOTES

NO.	DESCRIPTION	QTY	UNITS
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200

0

20

40

60

SCALE: 1" = 20'

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

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Arizona Blue Stake, Inc.

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PEORIA

ARIZONA

NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	10/25
DRAWN	TG	10/25
CHECKED	DPF	10/25

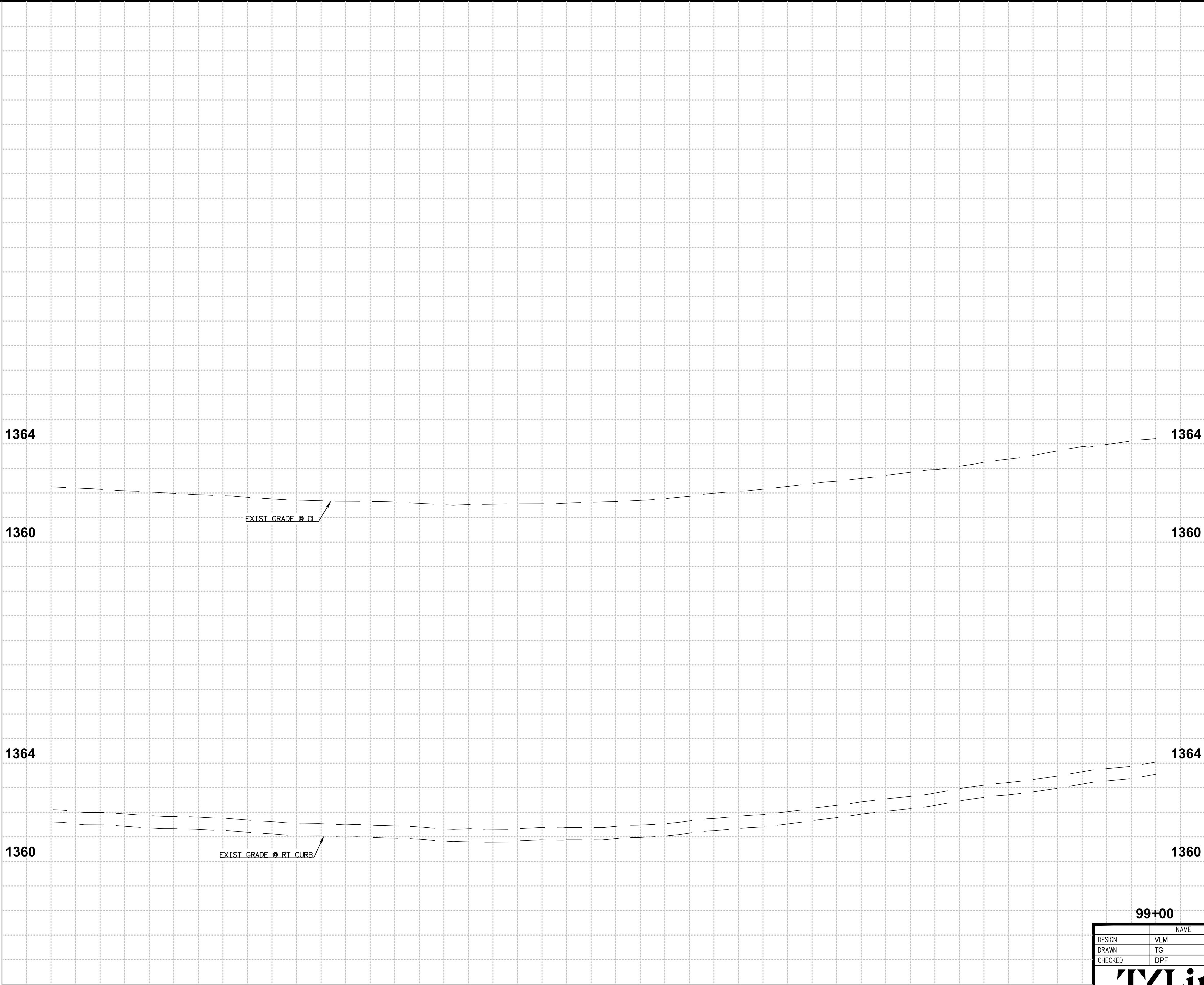
TYLin

DRAWING NO.	LOCATION
PL01	JOMAX RD - DYSART RD TO 126TH DR

CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
PAVING PLAN	

SHEET 15 OF 62

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1364

1360

1364

1360

1364

1360

1364

1360

99+00

94+50

95+00

96+00

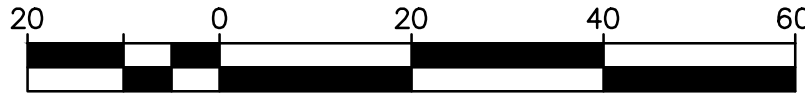
97+00

98+00

EXIST. GRADE @ CL

EXIST. GRADE @ RT CURB

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



SCALE: 1" = 20'
VERT: 1" = 2'

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NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DRAWN	VLM	10/25
CHECKED	DPF	10/25

TYLin

DRAWING NO.	LOCATION
PR01	JOMAX RD - DYSART RD TO 126TH DR

CITY OF PEORIA
ENGINEERING DEPARTMENT

PAVING PROFILE

PRELIMINARY
60%

NOT FOR CONSTRUCTION OR RECORDING

SHEET 16 OF 62



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

CONSTRUCTION NOTES

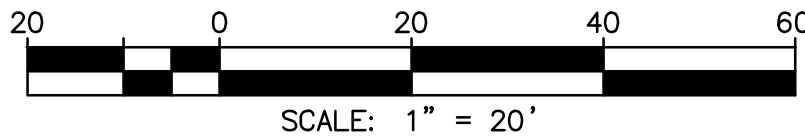
NO.	DESCRIPTION	QTY	UNITS
①	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	637	SY
②	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	260	LF
⑥	CONSTRUCT ASPHALT PAVEMENT EDGE PER MAG STD DET 201, TYPE A	144	LF
⑩⑥	DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. SIZE AND COLOR TO BE DETERMINED.	1,266	SF

REMOVAL / RELOCATE NOTES

1	REMOVE EXISTING PAVEMENT	534	SY
2	REMOVE EXISTING CURB AND GUTTER	129	LF

CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C3	N87°49'51"E	1808.55'	144.39'	72.23'

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



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

ARIZONA 811
Arizona Blue Stake, Inc.

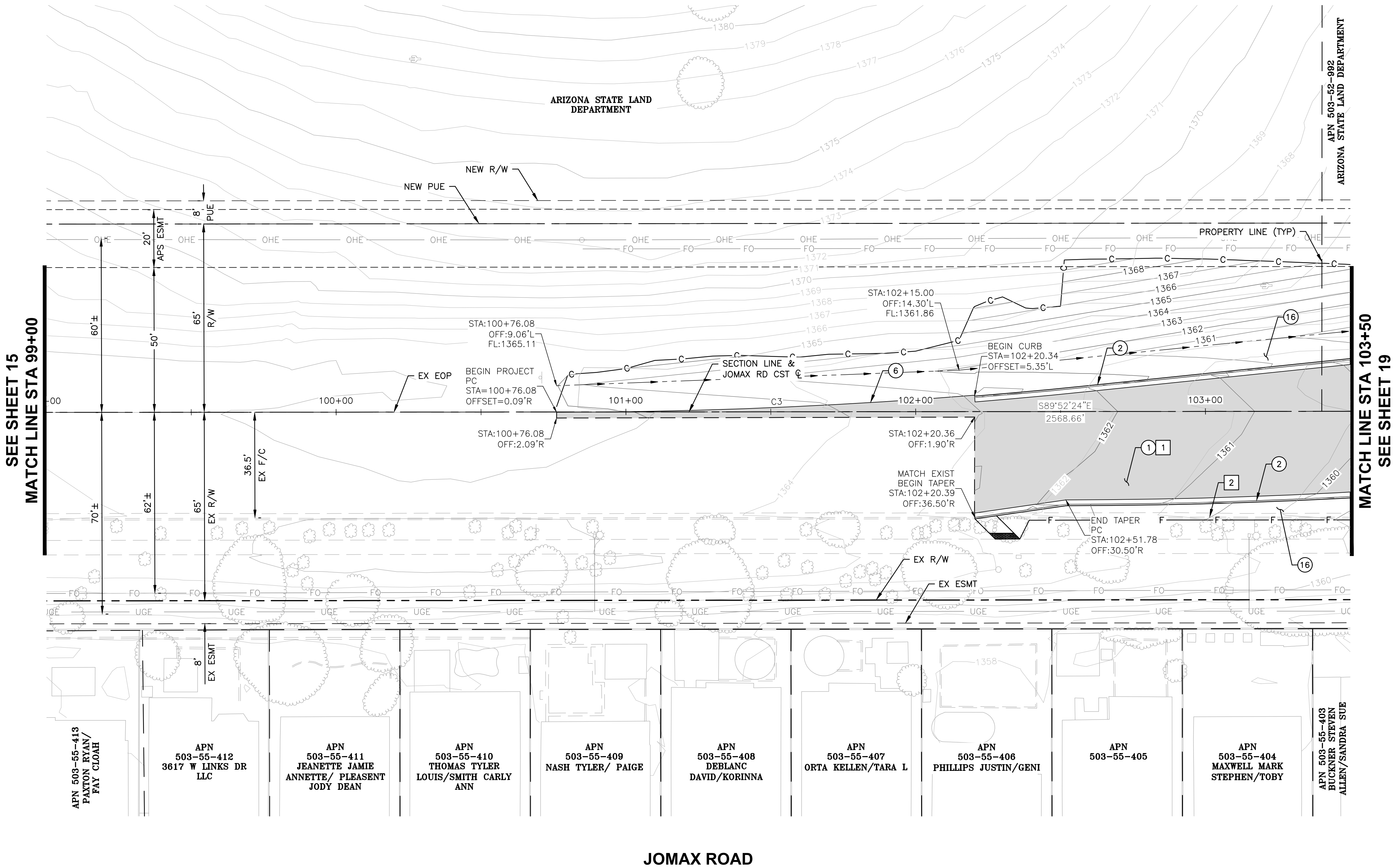
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	10/25
DRAWN	TG		10/25
CHECKED	DPF		10/25
TYLin			
DRAWING NO.	PL02	LOCATION	JOMAX RD - DYSART RD TO 126TH DR

CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
PAVING PLAN	
SHEET 17 OF 62	



JOMAX ROAD

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SEE SHEET 17
MATCH LINE STA 103+50

MATCH LINE STA 108+00
SEE SHEET 21

SEE STAKING SHEET 39 (SK01)
FOR ADDITIONAL CONTROL
INFORMATION

MATCH LINE STA 198+00
SEE SHEET 37

JOMAX ROAD

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	2,934	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"	1,214	LF
4	CONSTRUCT SINGLE CURB PER MAG STD DET 222, TYPE A, H=6"	320	LF
5	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	5,134	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	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	3,487	SF
13	CONSTRUCT PERPENDICULAR CURB RAMP PER MAG DET 238-1	1,219	SF
15	CONSTRUCT 4" THICK CLASS 'B' CONCRETE MEDIAN	2,411	SF
16	DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. SIZE AND COLOR TO BE DETERMINED.	28,500	SF

REMOVAL / RELOCATE NOTES

1	REMOVE EXISTING PAVEMENT	1,775	SY
2	REMOVE EXISTING CURB AND GUTTER	363	LF
3	REMOVE CONCRETE SIDEWALK	929	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 ₅₀ =6"), BED THICKNESS=1'	8.4	CY
3	CONCRETE SCUPPER SPILLWAY, MAG STD DET 206	125	SF
6	FURNISH & INSTALL 24" RGRCP, CLASS III	32	LF
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

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

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

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PEORIA ARIZONA

NO.	REVISION	BY	APPR	DATE

DESIGN VLM 10/25	NAME VLM 10/25	DATE 10/25
DRAWN TG 10/25	NAME TG 10/25	DATE 10/25
CHECKED DPF 10/25	NAME DPF 10/25	DATE 10/25

TYLin

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

**CITY OF PEORIA
ENGINEERING DEPARTMENT**

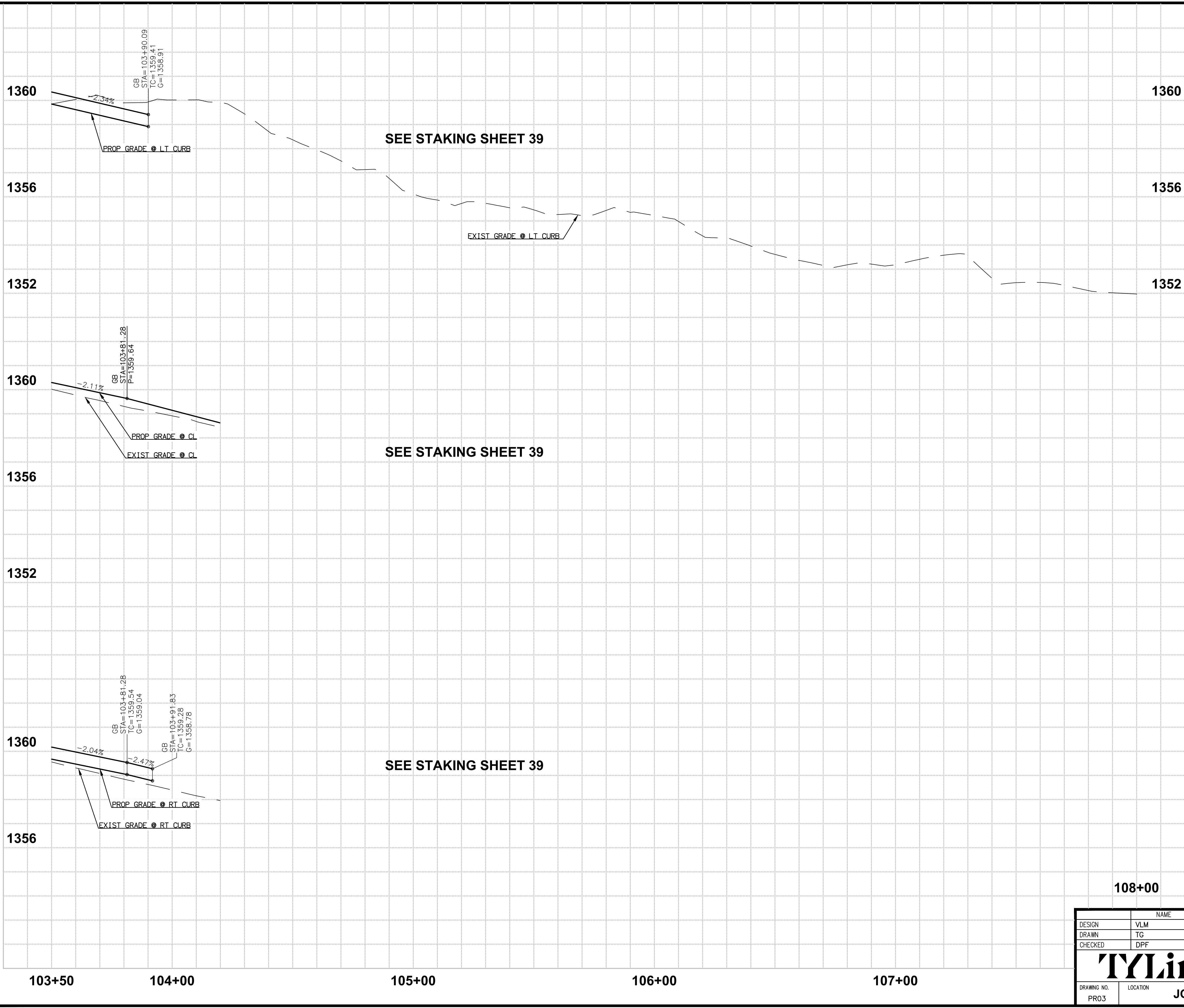
PAVING PLAN

**PRELIMINARY
60%**

NOT FOR CONSTRUCTION OR RECORDING

SHEET 19 OF 62

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SEE STAKING SHEET 39

SEE STAKING SHEET 39

SEE STAKING SHEET 39

108+00

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



SCALE: 1" = 20'
VERT: 1" = 2'

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

ARIZONA 811

Arizona Blue Stake, Inc.

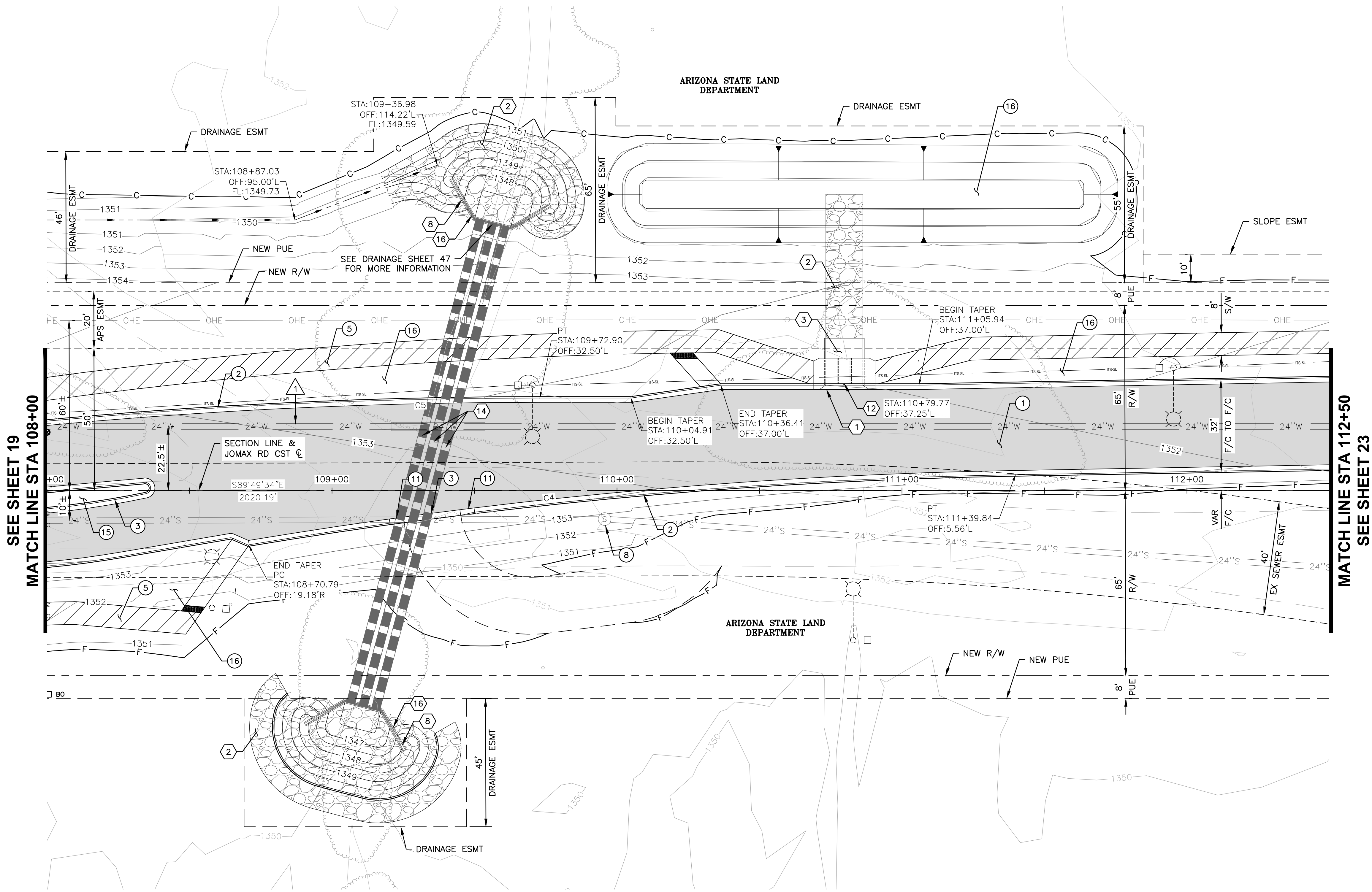
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
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NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25
TYLin			
DRAWING NO.	LOCATION		
PRO3	JOMAX RD - DYSART RD TO 126TH DR		

CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY
	60%
PAVING PROFILE	NOT FOR CONSTRUCTION OR RECORDING
SHEET 20 OF 62	



SEE SHEET 19
MATCH LINE STA 108+00

MATCH LINE STA 112+50
SEE SHEET 23

JOMAX ROAD

SEE STAKING SHEET 39 (SK01)
FOR ADDITIONAL CONTROL
INFORMATION

DESIGN		VLM	10/25
DRAWN		TG	10/25
CHECKED		DPF	10/25

NAME	DATE
VLM	10/25
TG	10/25
DPF	10/25

CITY OF PEORIA ENGINEERING DEPARTMENT		PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
PAVING PLAN		

DRAWING NO.	LOCATION
PL04	JOMAX RD - DYSART RD TO 126TH DR

SHEET	21	OF	62
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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	1,713	SY
2	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	874	LF
3	CONSTRUCT ROLL CURB AND GUTTER PER MAG STD DET 220, TYPE D, H=3.5"	102	LF
5	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	3,961	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
16	DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. SIZE AND COLOR TO BE DETERMINED.	28,045	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 ₅₀ =6"), BED THICKNESS=1'	187	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" RGCRP, CLASS III	528	LF
16	CONSTRUCT MODIFIED HEADWALL PER MAG STD DET 501-1. HEADWALL WING DIMENSION L1 PER PLANS.	2	EA

REFERENCE NOTES

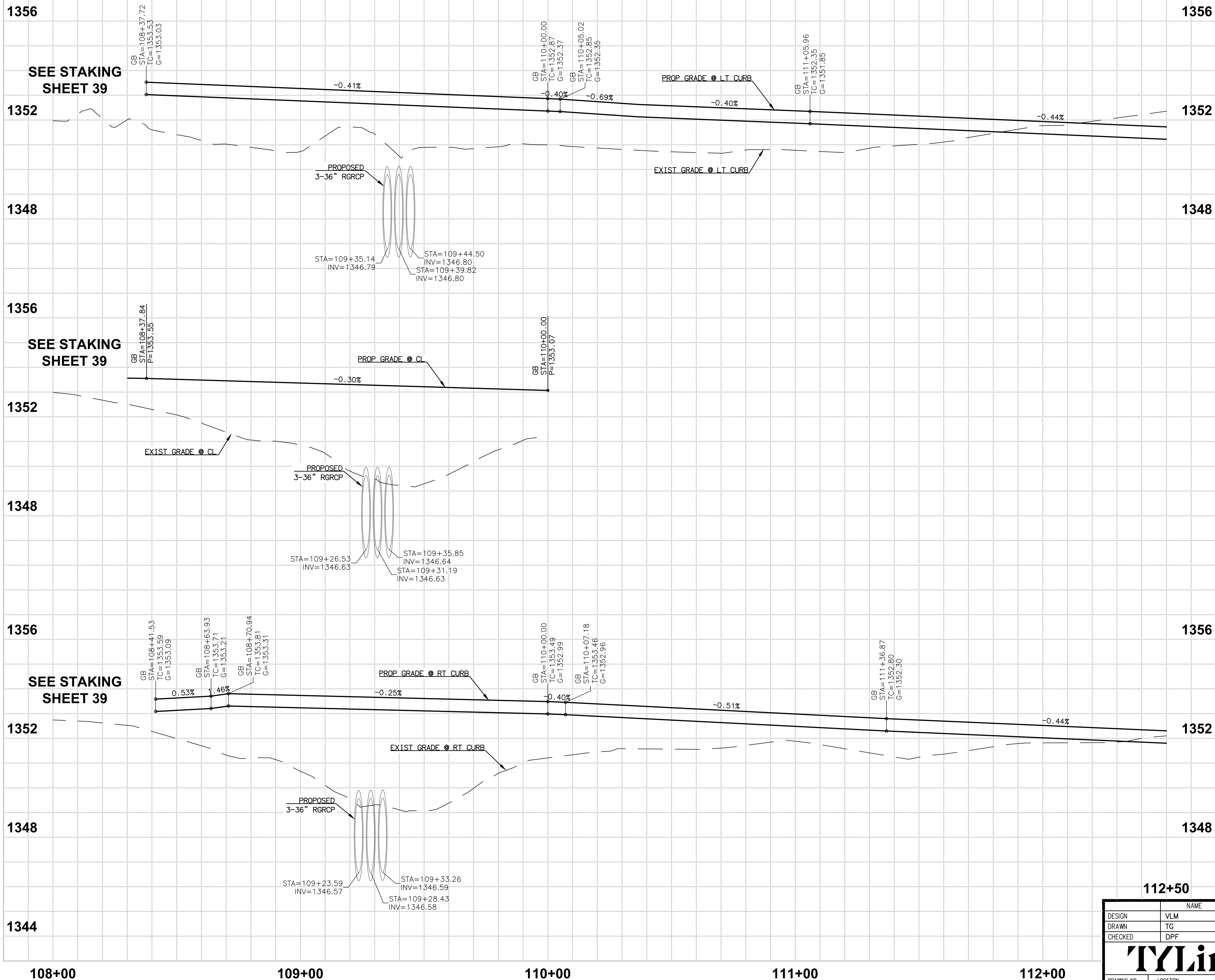
1	SEE WATER MAIN PLANS PER CIP P65410
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NO.	DELTA	RADIUS	LENGTH	TANGENT
C4	N84°57'33"E	1817.50'	270.27'	135.38'
C5	S87°01'04"W	1845.00'	203.26'	101.74'

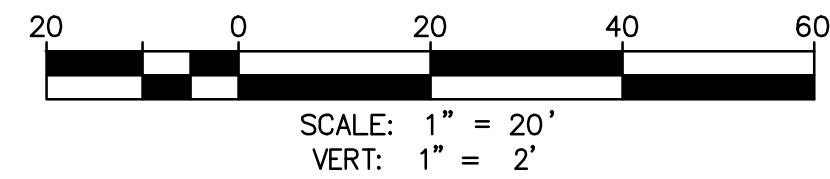
NOTE: ALL CURVE AND LINE DATE TO FACE OF CURB OR EDGE OF PAVEMENT

SCALE: 1" = 20'

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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			



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

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NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25
TYLin			
DRAWING NO.	LOCATION		
PR04	JOMAX RD - DYSART RD TO 126TH DR		

CITY OF PEORIA
ENGINEERING DEPARTMENT

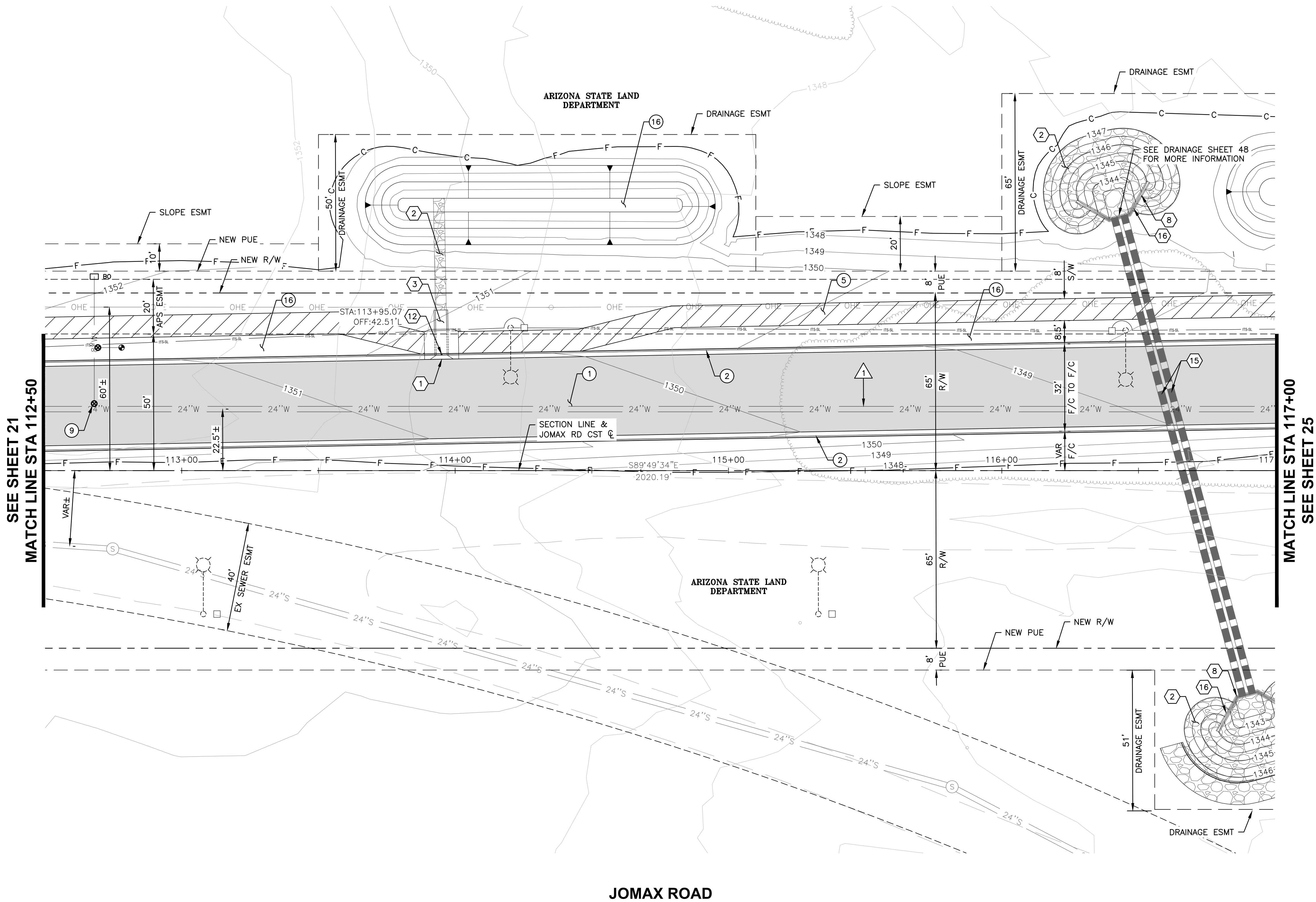
PAVING PROFILE

PRELIMINARY
60%

NOT FOR
CONSTRUCTION
OR RECORDING

SHEET 22 OF 62

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

CONSTRUCTION NOTES

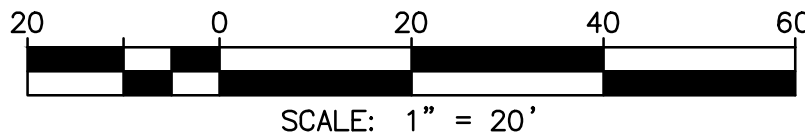
NO.	DESCRIPTION	QTY	UNITS
①	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	1,451	SY
②	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	900	LF
⑤	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	3,517	SF
⑨	ADJUST WATER VALVE & COVER TO GRADE, PER COP PE-270 & MAG DET 391-1	1	EA
⑯	DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. SIZE AND COLOR TO BE DETERMINED.	20,366	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 ₅₀ =6"), BED THICKNESS=1'	106	CY
③	CONCRETE SCUPPER SPILLWAY, MAG STD DET 206	28	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" RGCRP, 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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ARIZONA 811
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In Maricopa County: (602) 263-1100

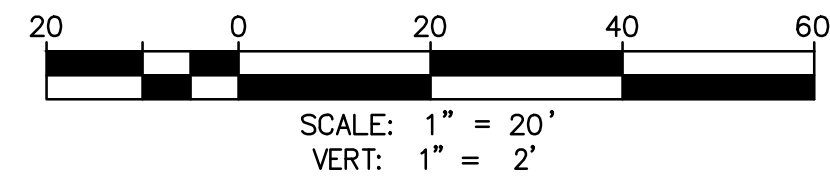
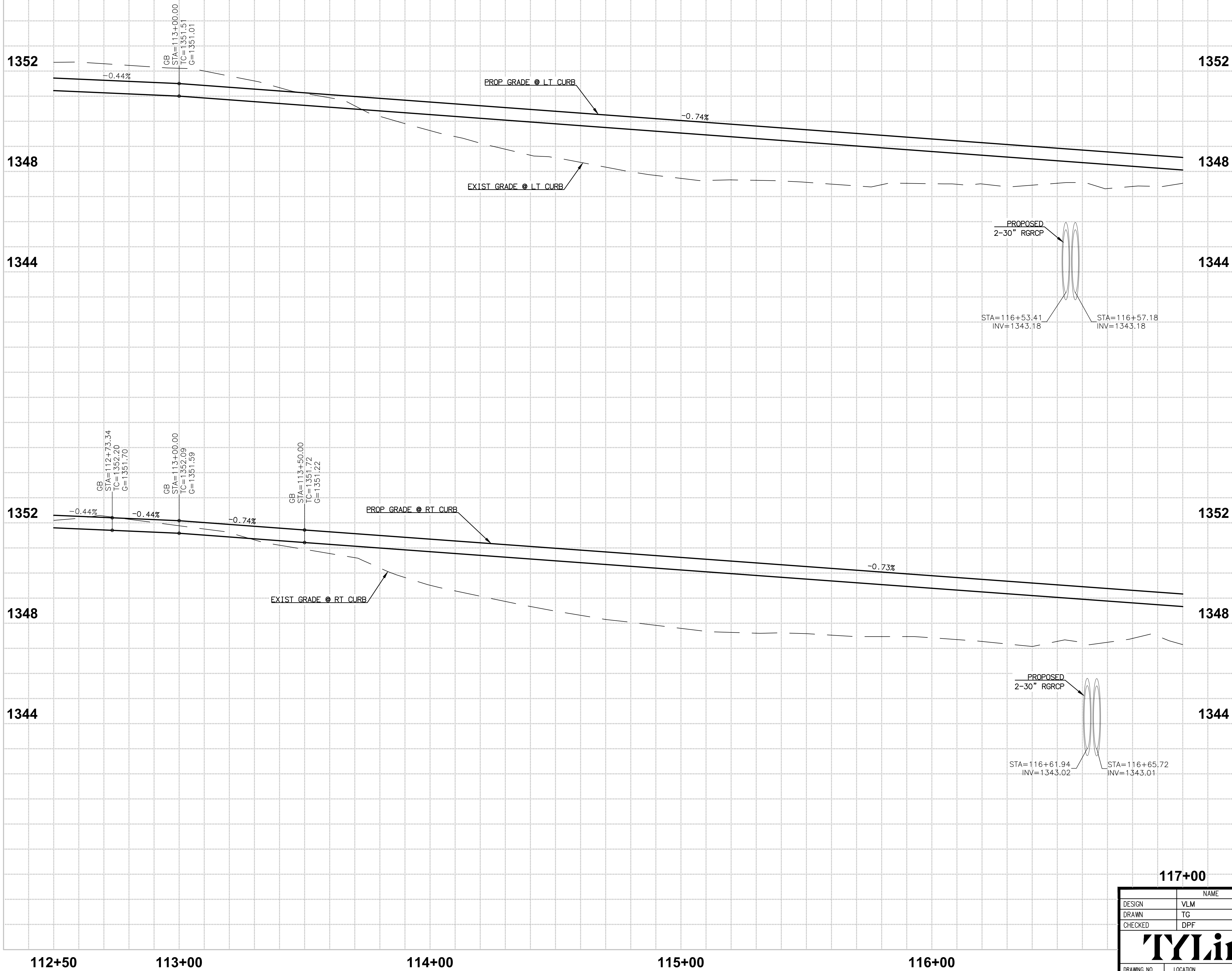


NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25
TYLin			
DRAWING NO.	PL05	LOCATION	JOMAX RD - DYSART RD TO 126TH DR
CITY OF PEORIA ENGINEERING DEPARTMENT		PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING	
PAVING PLAN		SHEET 23 OF 62	

T:\0\TYLin-PHX\3010\01000625\002\600_DysartHighway\04_Sheets\P65410_BD_Paving01.dwg 10/10/2025 4:14:56 PM Don Fromm

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

10/25

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TG

10/25

CHECKED

DPF

10/25

TYLin

DRAWING NO. PR05

LOCATION JOMAX RD - DYSART RD TO 126TH DR

CITY OF PEORIA
ENGINEERING DEPARTMENT

PAVING PROFILE

PRELIMINARY

60%

NOT FOR CONSTRUCTION OR RECORDING

SHEET 24 OF 62

T:\0\TYLin-PHX\3010\01000625\002\600_D56NHighway\04_Sheets\P65410_BD_Profile01.dwg 10/10/2025 4:54:47 AM Dan 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

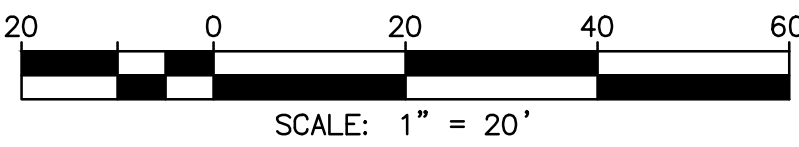
NO.	DESCRIPTION	QTY	UNITS
①	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	1,450	SY
②	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	900	LF
⑤	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	3,424	SF
⑧	ADJUST MANHOLE FRAME & COVER TO FINISH GRADE PER CITY OF PEORIA DET 422	1	EA
⑨	ADJUST WATER VALVE & COVER TO GRADE, PER COP PE-270 & MAG DET 391-1	3	EA
⑪	CONSTRUCT CURB TRANSITION TYPE 'A' TO TYPE 'C' PER MAG STD DET 221	5	LF
⑫	DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. SIZE AND COLOR TO BE DETERMINED.	25,420	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 ₅₀ =6"), BED THICKNESS=1'	60	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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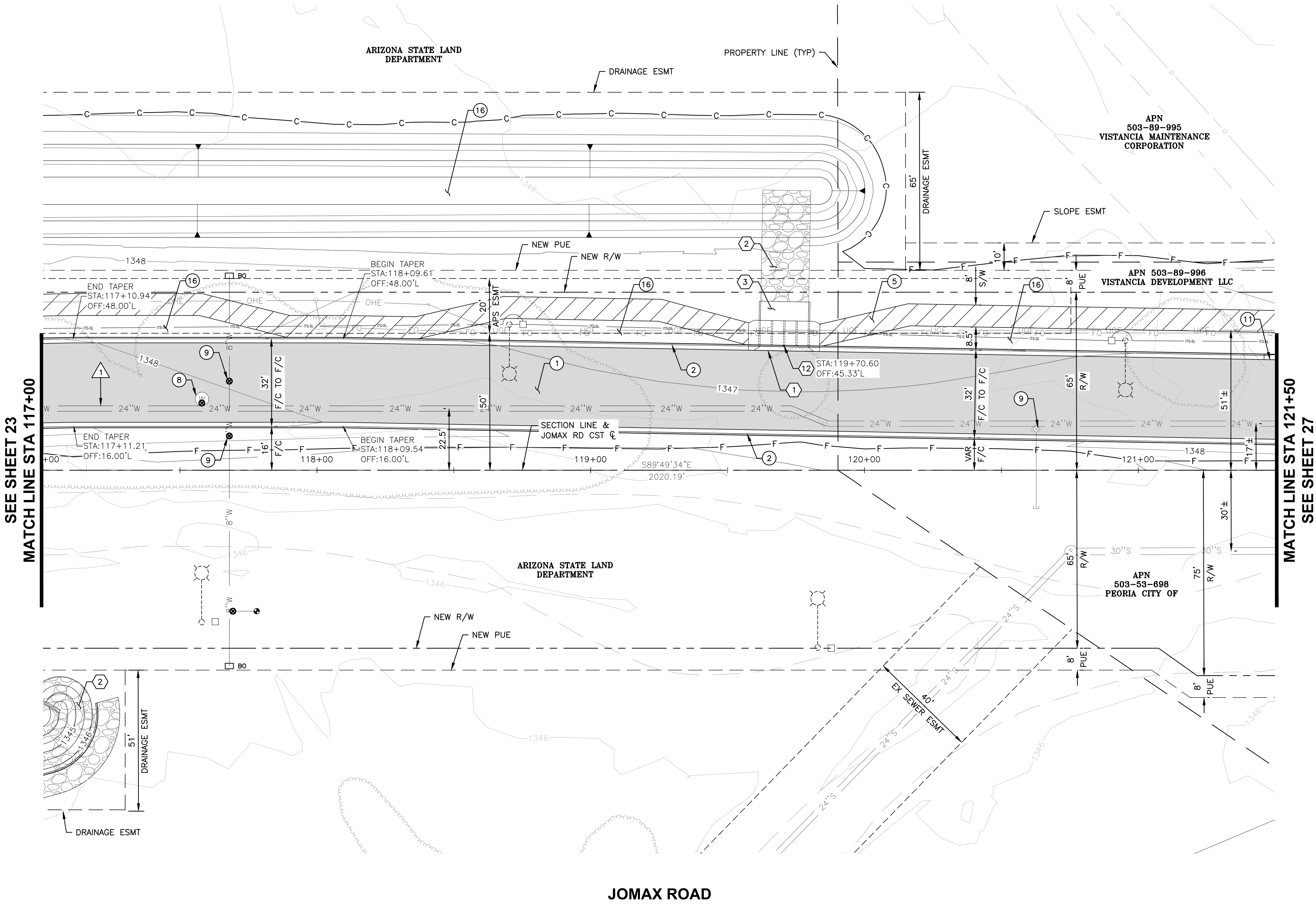
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NO.	REVISION	BY	APPR	DATE

<div>DESIGN: VLM DRAWN: TG CHECKED: DPF</div> <div>TYLin</div> <div>DRAWING NO. PL06</div>	<div>CITY OF PEORIA ENGINEERING DEPARTMENT</div> <div>PAVING PLAN</div>	<div>PRELIMINARY 60%</div> <div>NOT FOR CONSTRUCTION OR RECORDING</div> <div>SHEET 25 OF 62</div>	
	JOMAX RD - DYSART RD TO 126TH DR		



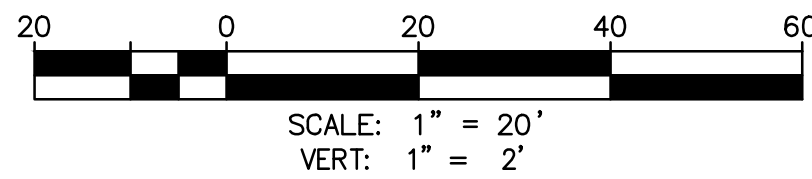
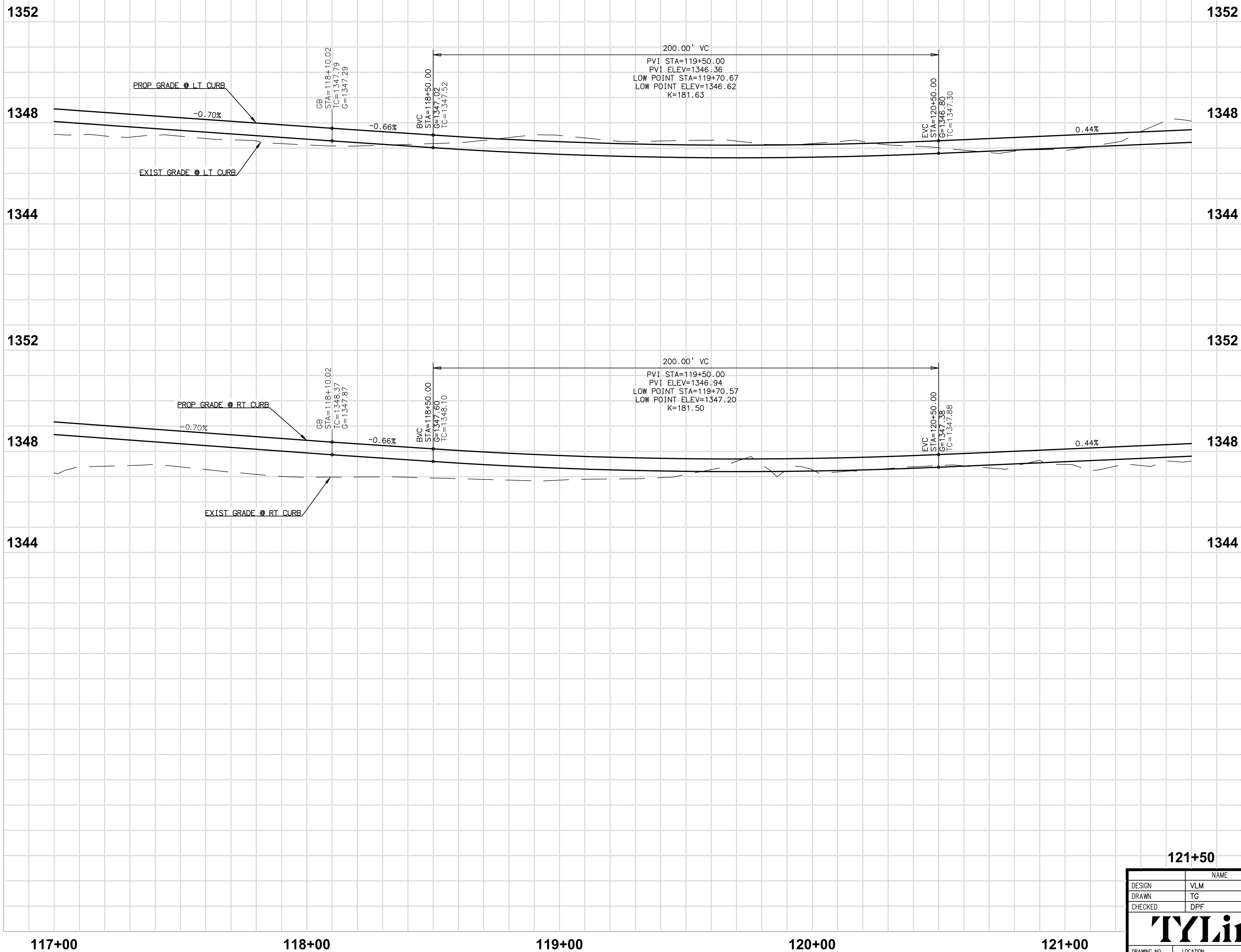
SEE SHEET 23
MATCH LINE STA 117+00

MATCH LINE STA 121+50
SEE SHEET 27

JOMAX ROAD

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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	NAME	DATE
DRAWN	TG		10/25
CHECKED	DPF		10/25
TYLin			
DRAWING NO.	LOCATION		
PR06	JOMAX RD - DYSART RD TO 126TH DR		

CITY OF PEORIA
ENGINEERING DEPARTMENT

PAVING PROFILE

PRELIMINARY
60%

NOT FOR
CONSTRUCTION
OR RECORDING

SHEET 26 OF 62

T:\0\TYLin-PHX\3010\01000625\002\600_D56NHighway\04_Sheets\PE65410_BD_Profile01.dwg 10/10/2025 4:55:06 AM Dan 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	1,450	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"	61	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	3,933	SF
⑯	DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. SIZE AND COLOR TO BE DETERMINED.	9,843	SF

REMOVAL / RELOCATE NOTES

④	REMOVE EXISTING FENCE	123	LF
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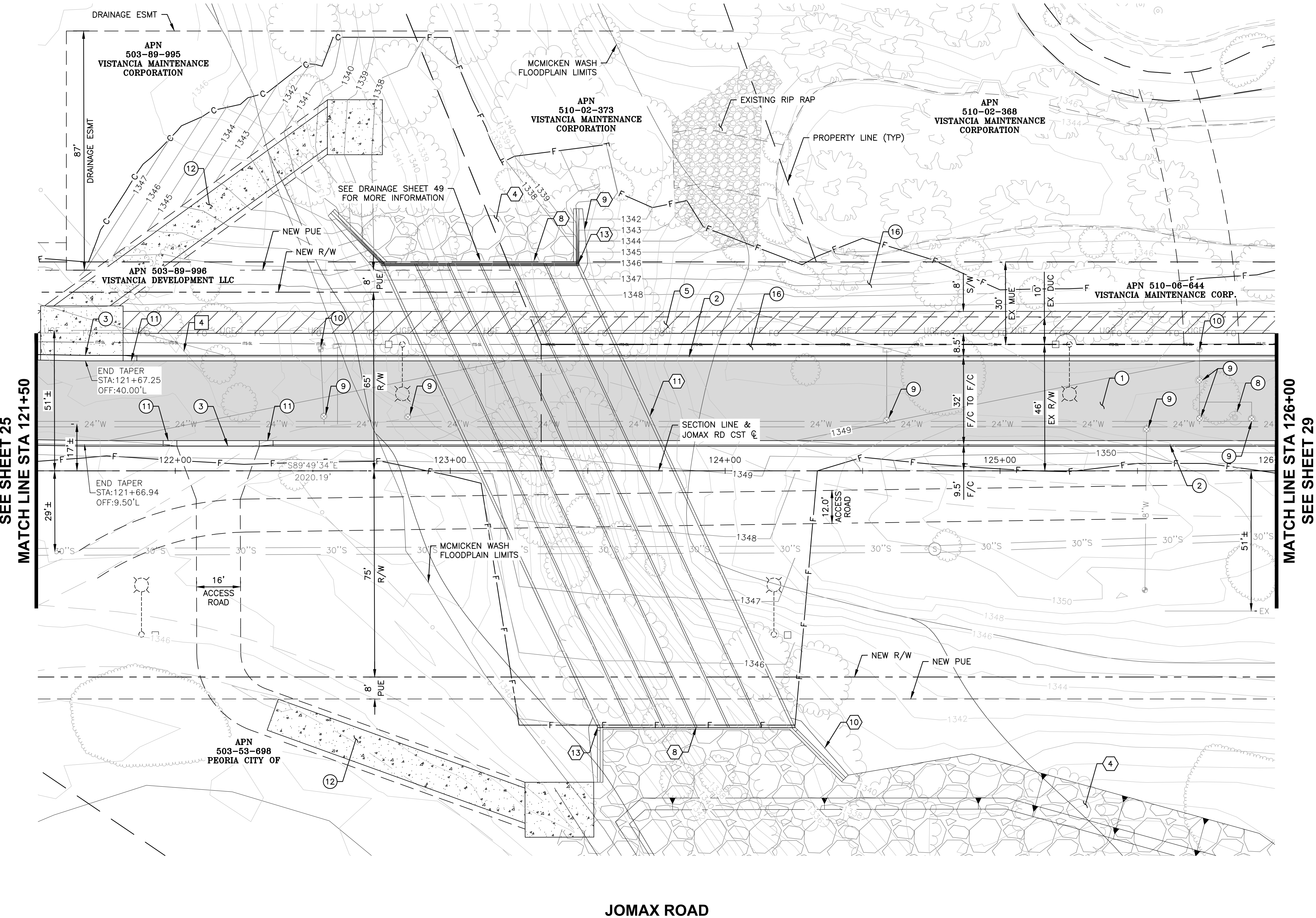
STORM DRAIN CONSTRUCTION NOTES

②	CONSTRUCT DUMPED RIP RAP (D ₅₀ =6"), BED THICKNESS=1'	32	CY
④	CONSTRUCT DUMPED RIP RAP (D ₅₀ =12"), BED THICKNESS=2.5'	5,227	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. 6.08-6	1	EA
⑪	CONSTRUCT SIX BARREL BOX CULVERT PER ADOT DWG NO. 6.06-1	186	LF
⑬	INSTALL BRIDGE CULVERT STRUCTURE IDENTIFICATION MARKER, PER COP DET PE-280-1 & 280-2	2	EA



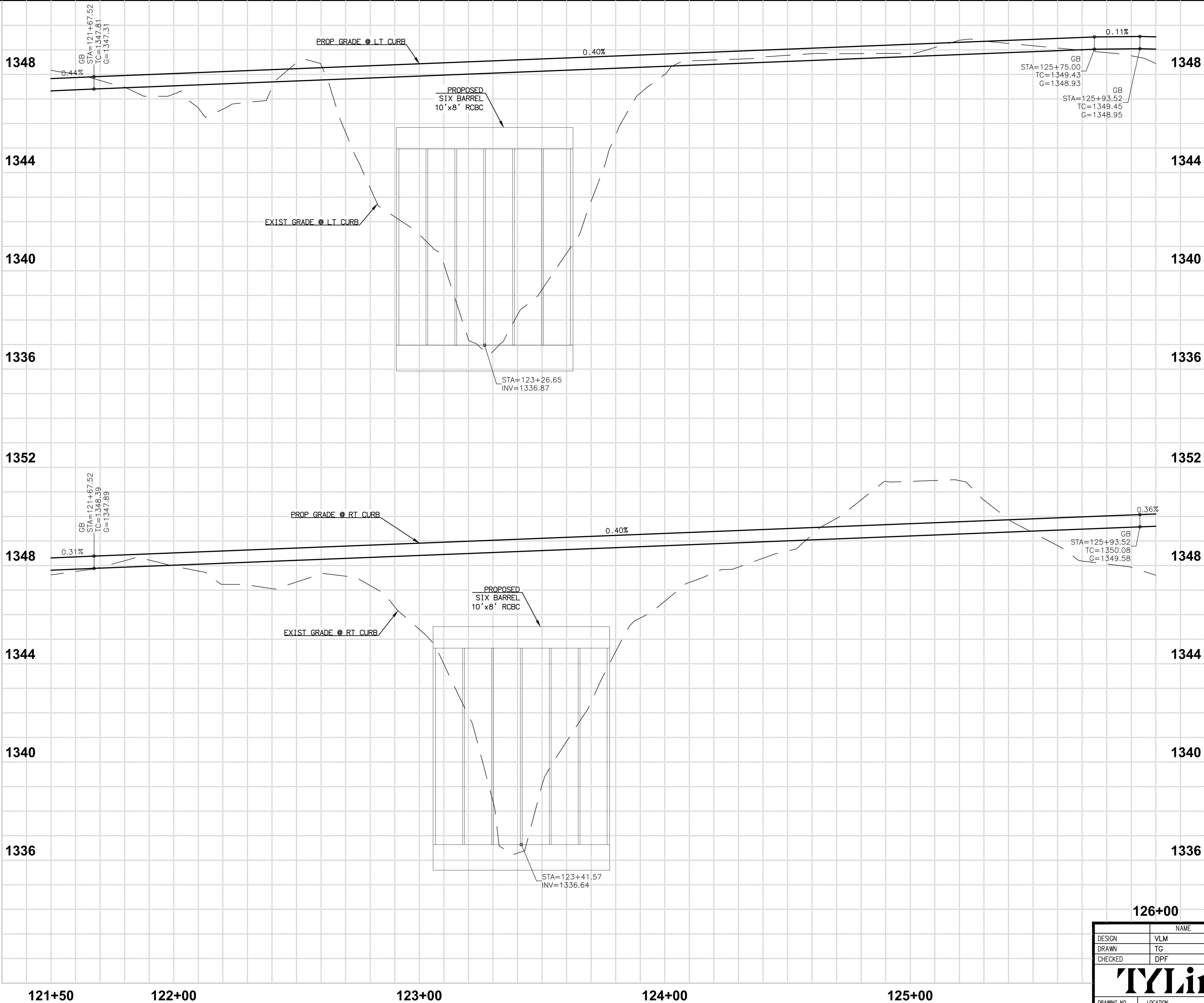
NO.	REVISION	BY	APPR	DATE

DESIGN VLM 10/25		NAME		DATE
DRAWN TG 10/25		CITY OF PEORIA		
CHECKED DPF 10/25		ENGINEERING DEPARTMENT		PRELIMINARY
DRAWING NO. PL07		PAVING PLAN		60%
LOCATION JOMAX RD - DYSART RD TO 126TH DR		NOT FOR CONSTRUCTION OR RECORDING		
		SHEET 27 OF 62		

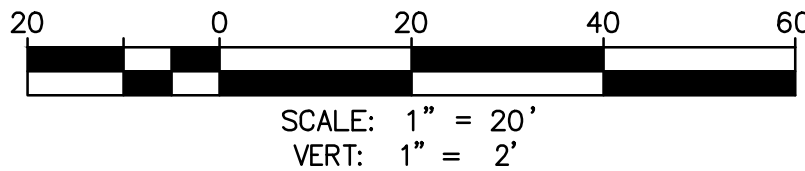


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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			



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NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DRAWN	VLM	10/25
CHECKED	DPF	10/25
DRAWING NO.	LOCATION	
PR07	JOMAX RD - DYSART RD TO 126TH DR	

CITY OF PEORIA
ENGINEERING DEPARTMENT

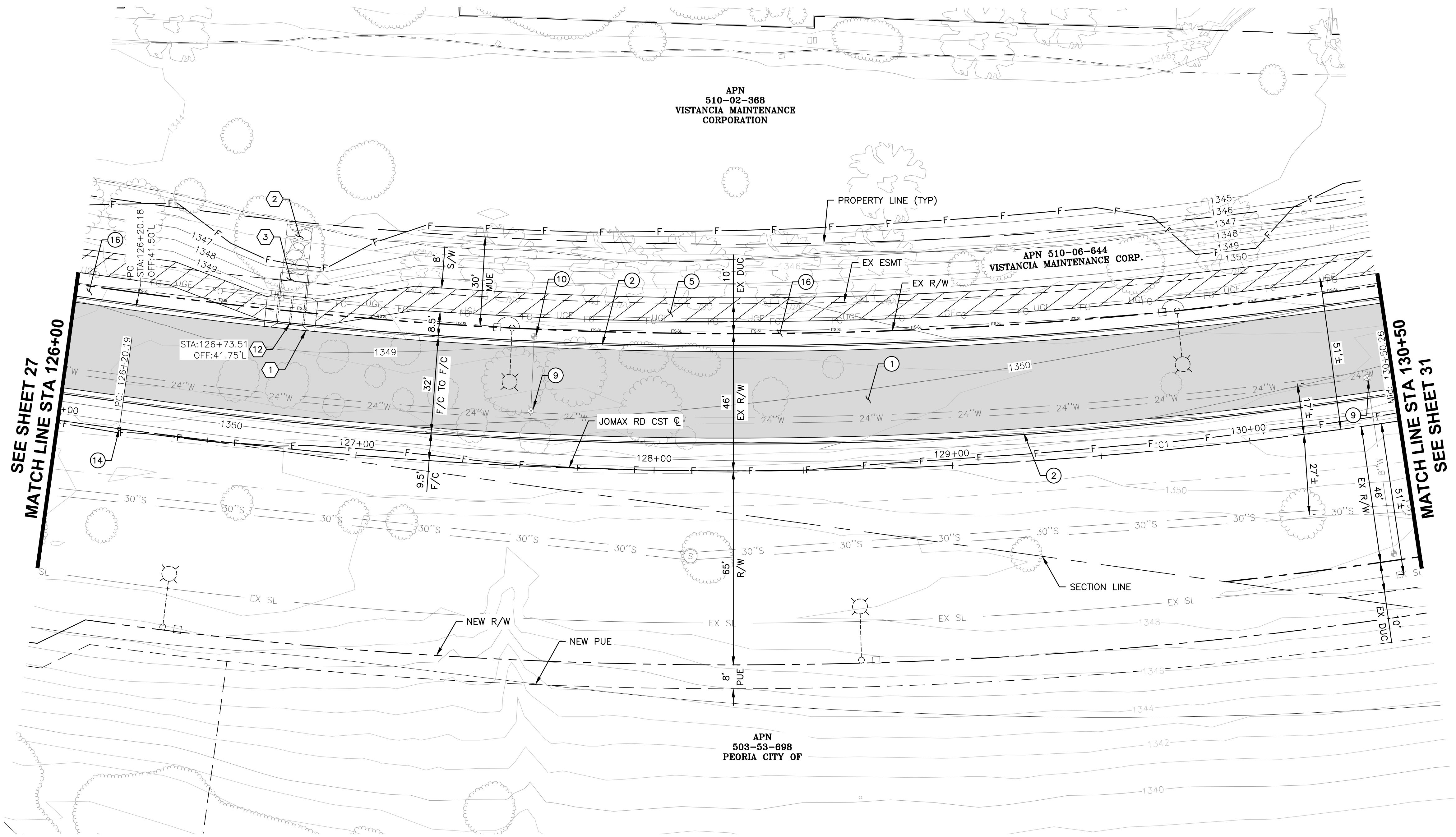
PAVING PROFILE

PRELIMINARY
60%

NOT FOR
CONSTRUCTION
OR RECORDING

SHEET 28 OF 62

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JOMAX ROAD

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

DESIGN	VLM	DATE	10/25
DRAWN	TG		10/25
CHECKED	DPF		10/25
DRAWING NO.		LOCATION	
PL08		JOMAX RD - DYSART RD TO 126TH DR	

CITY OF PEORIA
ENGINEERING DEPARTMENT

PAVING PLAN

PRELIMINARY
60%
NOT FOR
CONSTRUCTION
OR RECORDING
SHEET 29 OF 62

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
16	DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. SIZE AND COLOR TO BE DETERMINED.	11,285	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 ₅₀ =6"), BED THICKNESS=1'	5.1	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

200 0 20 40 60

SCALE: 1" = 20'

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

ARIZONA 811

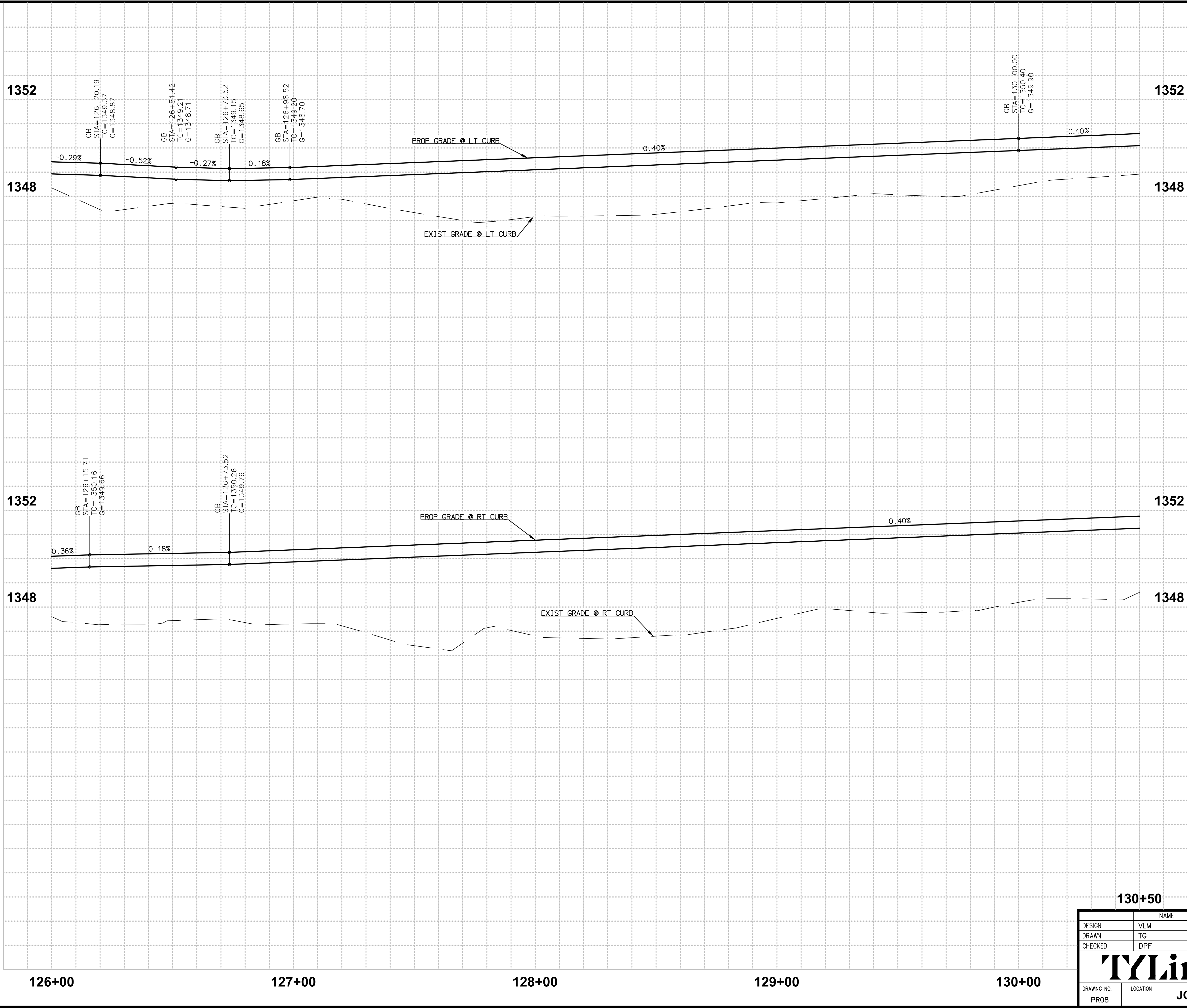
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PEORIA ARIZONA

NO.	REVISION	BY	APPR	DATE

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

NO.	REVISION	BY	APPR	DATE

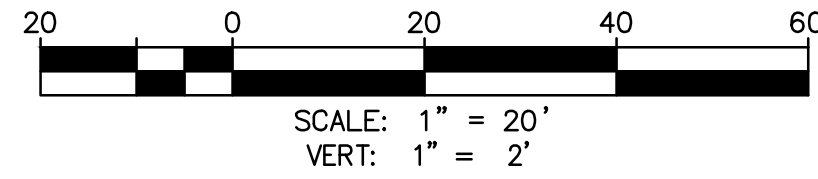
DESIGN	VLM	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25
TYLin			
DRAWING NO.	LOCATION		
PR08	JOMAX RD - DYSART RD TO 126TH DR		

CITY OF PEORIA
ENGINEERING DEPARTMENT

PAVING PROFILE

PRELIMINARY
60%
NOT FOR
CONSTRUCTION
OR RECORDING

SHEET 30 OF 62

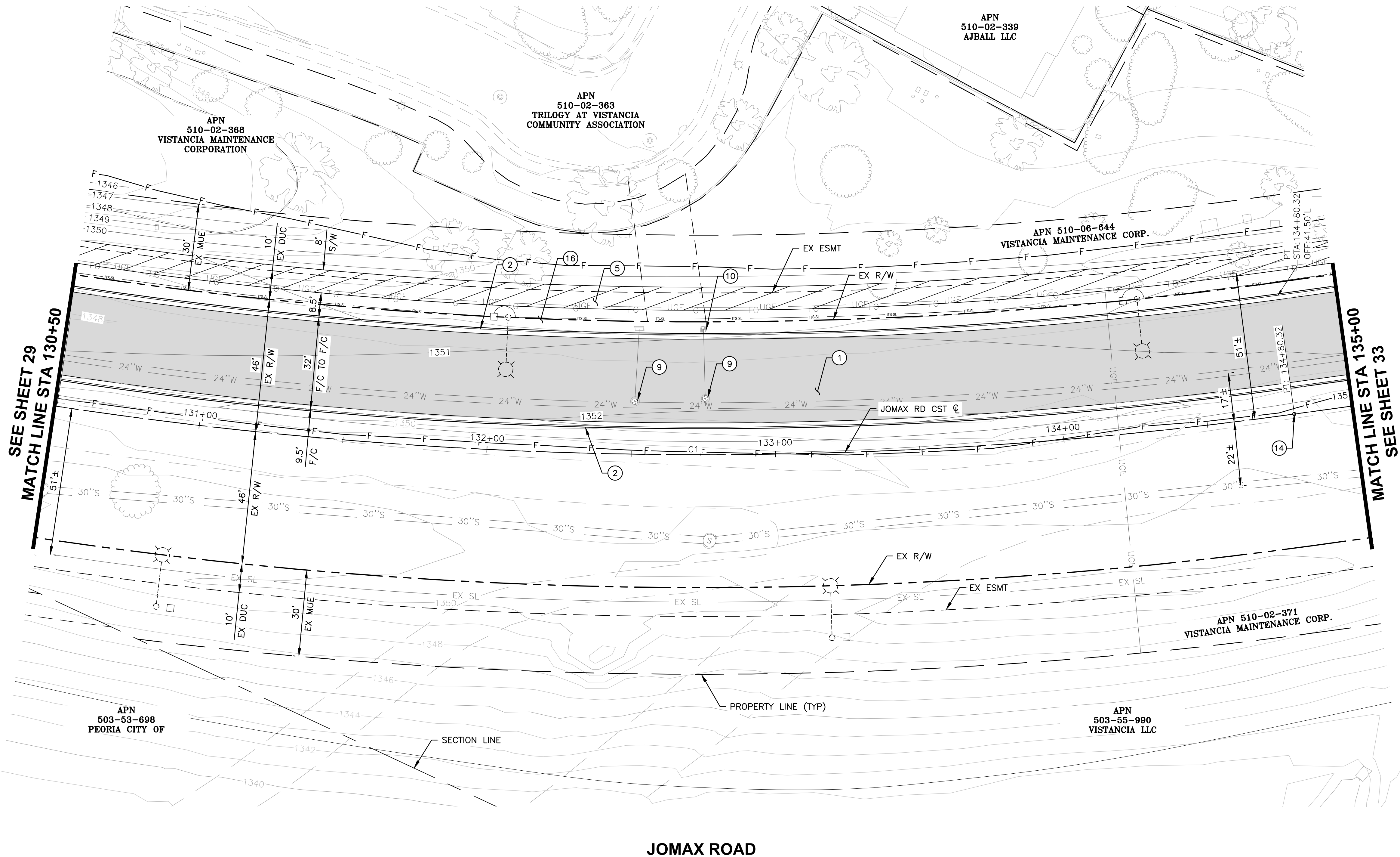


Call at least two full working days before you begin excavation.

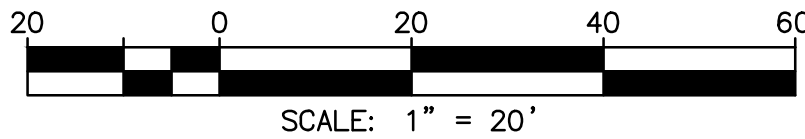
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			
CONSTRUCTION NOTES					
NO.	DESCRIPTION	QTY	UNITS		
①	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	1,426	SY		
②	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	885	LF		
⑤	CONSTRUCT CONCRETE SIDEWALK PER MAG STD DET 230, WIDTH PER PLAN	3,475	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		
⑯	DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. SIZE AND COLOR TO BE DETERMINED.	7,663	SF		



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NO.	REVISION	BY	APPR	DATE

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

DESIGN	VLM	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25
TYLin			
DRAWING NO.	PL09	LOCATION	JOMAX RD - DYSART RD TO 126TH DR
CITY OF PEORIA ENGINEERING DEPARTMENT		PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING	
PAVING PLAN		SHEET 31 OF 62	

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1356 1356

1352 1352

1348 1348

1356 1356

1352 1352

1348 1348

130+50 131+00 132+00 133+00 134+00

150.00' VC
PVI STA=133+04.93
PVI ELEV=1351.12
HIGH POINT STA=132+94.21
HIGH POINT ELEV=1350.946
K=161.12

BVC
STA=132+29.93
G=1350.82
TC=1351.32

EVC
STA=133+79.93
G=1350.72
TC=1351.22

GB
STA=134+27.00
TC=1350.97
G=1350.47

GB
STA=134+51.17
TC=1350.89
G=1350.39

0.40%

-0.53%

-0.30%

-0.18%

PROP GRADE @ LT CURB

EXIST GRADE @ LT CURB

165.00' VC
PVI STA=133+10.75
PVI ELEV=1352.30
HIGH POINT STA=132+93.70
HIGH POINT ELEV=1352.104
K=164.34

BVC
STA=132+28.25
G=1351.93
TC=1352.47

EVC
STA=133+93.25
G=1351.80
TC=1352.30

GB
STA=134+27.00
TC=1352.10
G=1351.60

GB
STA=134+84.69
TC=1351.75
G=1351.25

0.40%

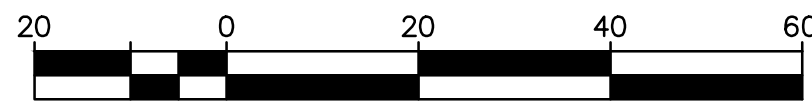
-0.61%

-0.61%

-0.72%

PROP GRADE @ RT CURB

EXIST GRADE @ RT CURB



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NO.	REVISION	BY	APPR	DATE

DESIGN

VLM

10/25

DRAWN

TG

10/25

CHECKED

DPF

10/25

TYLin

DRAWING NO.
PR09

LOCATION
JOMAX RD - DYSART RD TO 126TH DR

CITY OF PEORIA
ENGINEERING DEPARTMENT

PAVING PROFILE

PRELIMINARY
60%

NOT FOR
CONSTRUCTION
OR RECORDING

SHEET 32 OF 62

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

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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		
⑯	DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. SIZE AND COLOR TO BE DETERMINED.	8,069	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 ₅₀ =6"), BED THICKNESS=1'	4.9	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		



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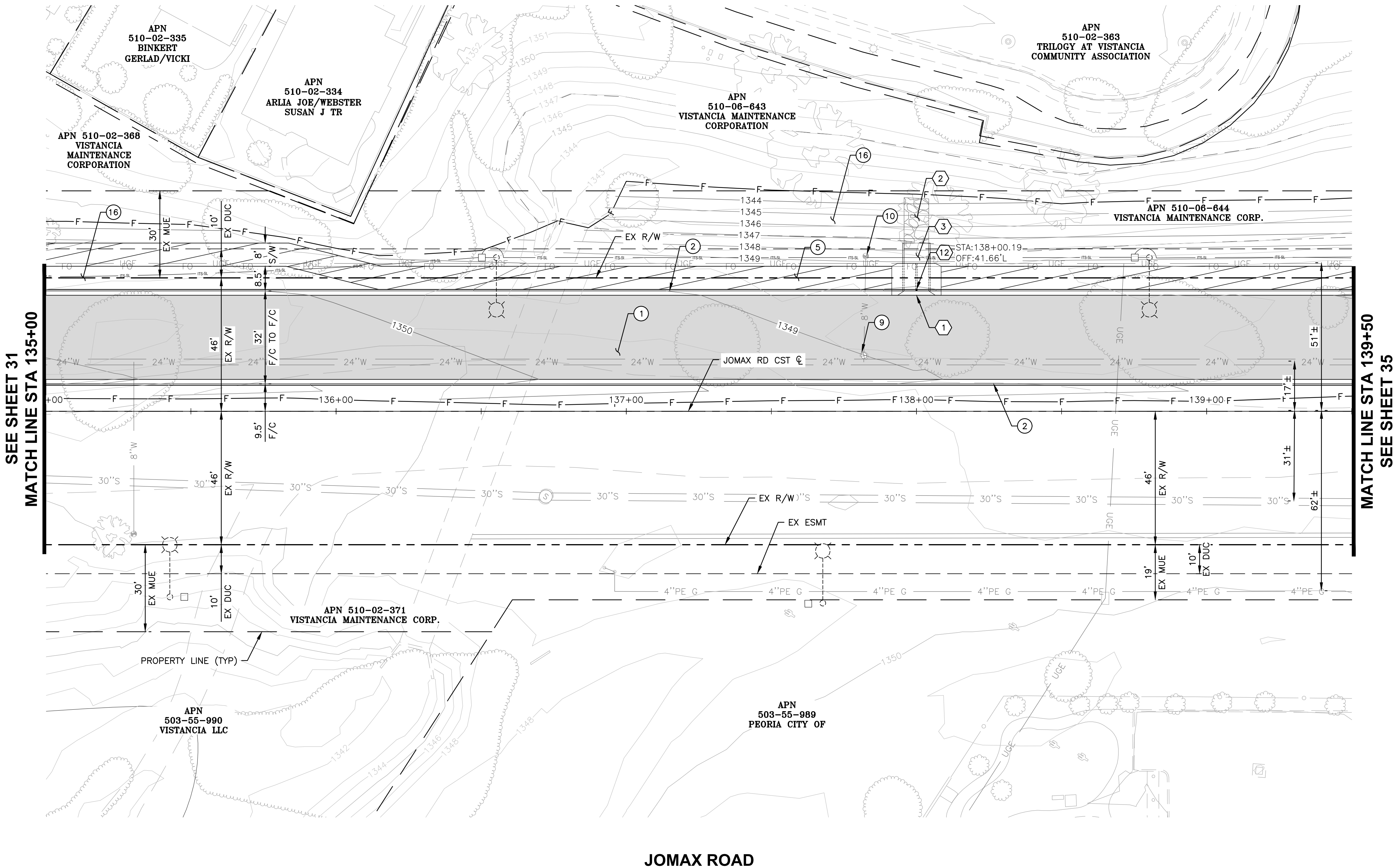
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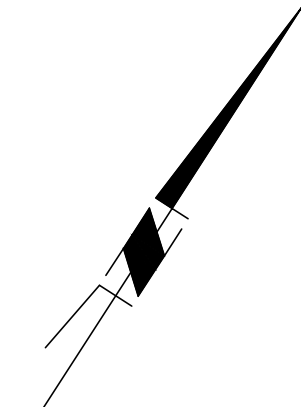


NO.	REVISION	BY	APPR	DATE

DESIGN VLM 10/25			CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING		
DRAWN TG 10/25						
CHECKED DPF 10/25						
DRAWING NO. PL10			PAVING PLAN			
LOCATION JOMAX RD - DYSART RD TO 126TH DR			SHEET 33 OF 62			

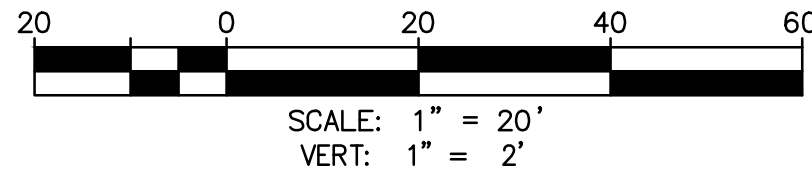
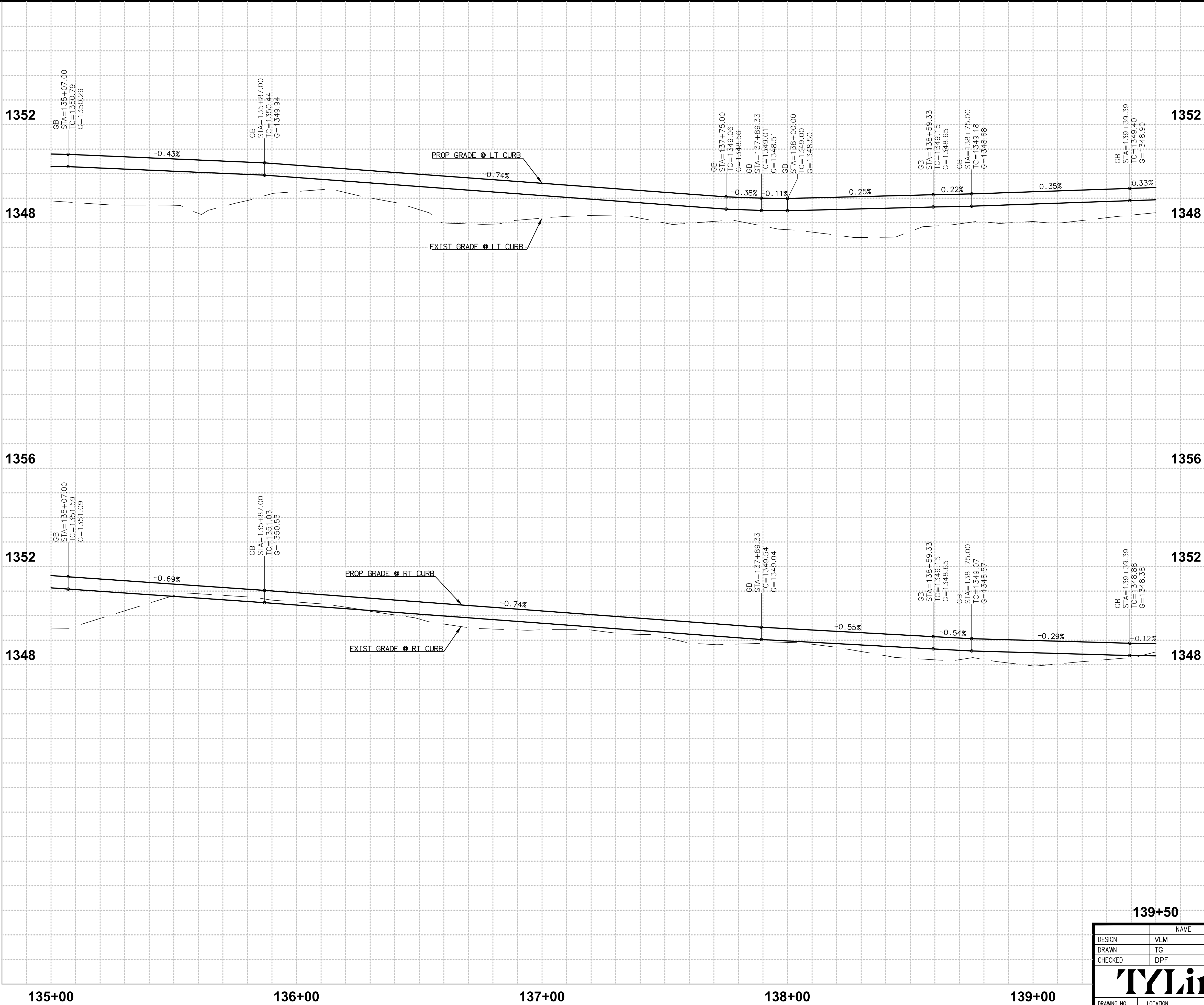


JOMAX ROAD



SEE SHEET 31
MATCH LINE STA 135+00

MATCH LINE STA 139+50
SEE SHEET 35



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NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	NAME	DATE
DRAWN	TG		10/25
CHECKED	DPF		10/25

TYLin

DRAWING NO. PR10

LOCATION

JOMAX RD - DYSART RD TO 126TH DR

CITY OF PEORIA
ENGINEERING DEPARTMENT

PAVING PROFILE

PRELIMINARY

60%

NOT FOR CONSTRUCTION OR RECORDING

SHEET 34 OF 62

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

1356 1356

1352 1352

1348 1348

1352 1352

1348 1348

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

144+00

GB
STA=139+82.27
TC=1349.55
G=1349.05

PROP GRADE @ LT CURB

GB
STA=140+25.00
TC=1349.79
G=1349.29
MATCH EX/GB
STA=140+38.65
TC=1349.85±
G=1349.35±

EXIST GRADE @ LT CURB

GB
STA=139+82.27
TC=1348.83
G=1348.33

PROP GRADE @ RT CURB

BCR/GB
STA=140+25.69
TC=1348.93
G=1348.43

ECR/GB
STA=140+55.08
TC=1349.03±
G=1348.53±

EXIST GRADE @ RT CURB



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	VLM	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25
TYLin			
DRAWING NO.	PR11		

JOMAX RD - DYSART RD TO 126TH DR

CITY OF PEORIA
ENGINEERING DEPARTMENT

PAVING PROFILE

PRELIMINARY
60%

NOT FOR
CONSTRUCTION
OR RECORDING

SHEET 36 OF 62

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

CONSTRUCTION NOTES

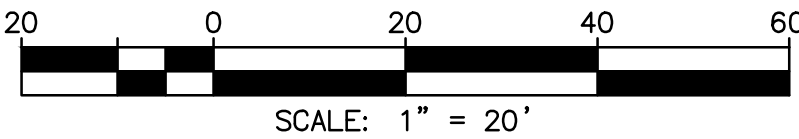
NO.	DESCRIPTION	QTY	UNITS
①	CONSTRUCT PAVEMENT PER TYPICAL SECTIONS	1,040	SY
②	CONSTRUCT VERTICAL CURB AND GUTTER PER MAG STD DET 220, TYPE A, H=6"	69	LF
③	CONSTRUCT ROLL CURB AND GUTTER PER MAG STD DET 220, TYPE D, H=3.5"	50	LF
⑥	CONSTRUCT ASPHALT PAVEMENT EDGE PER MAG STD DET 201, TYPE A	256	LF
⑮	CONSTRUCT 4" THICK CLASS 'B' CONCRETE MEDIAN	133	SF
⑯	DECOMPOSED GRANITE (SCREENED) 2" MINIMUM DEPTH. SIZE AND COLOR TO BE DETERMINED.	7,268	SF

REMOVAL / RELOCATE NOTES

1	REMOVE EXISTING PAVEMENT	767	SY
2	REMOVE EXISTING CURB AND GUTTER	195	LF

CURVE TABLE				
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'

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



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

ARIZONA 811

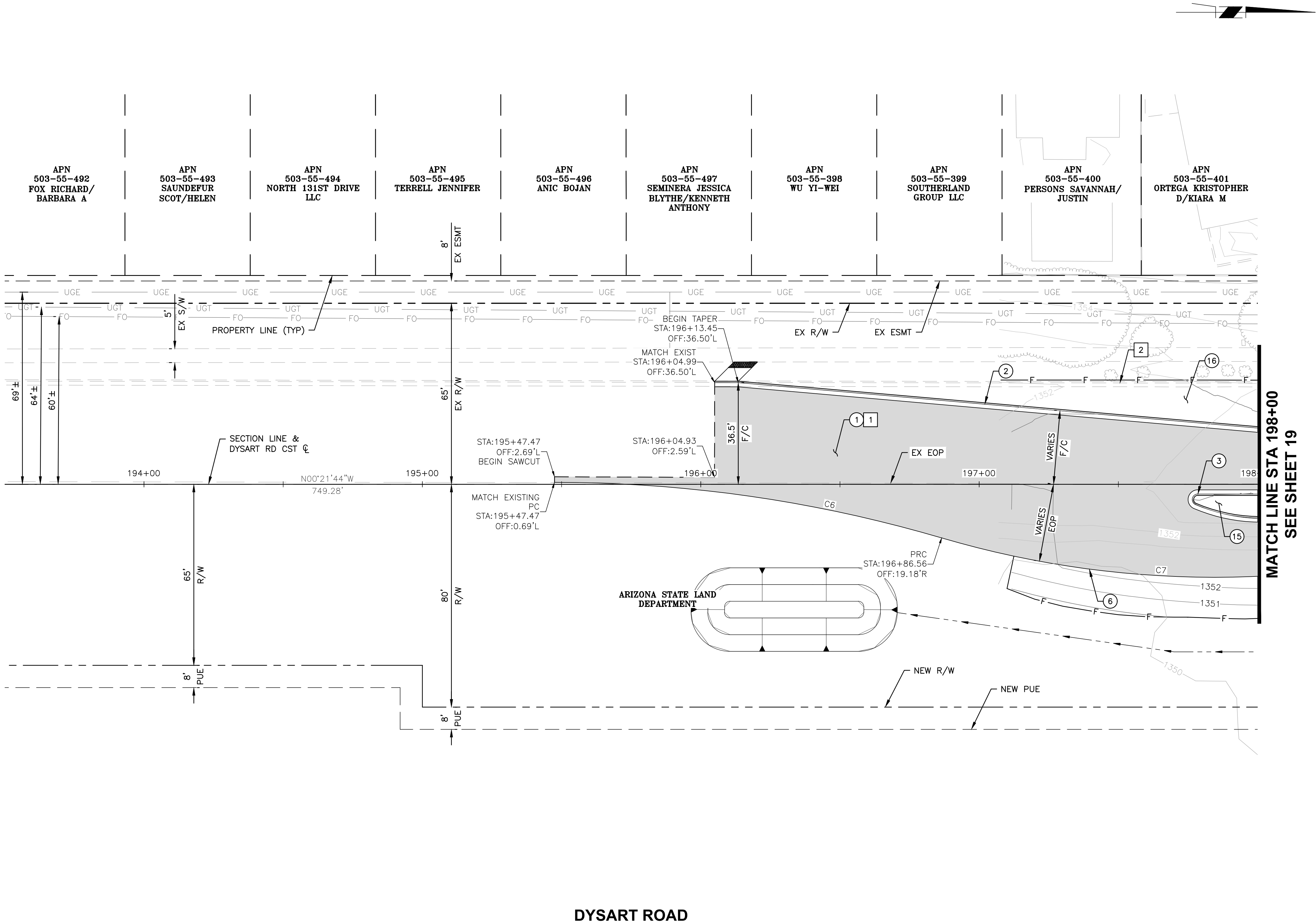
Arizona Blue Stake, Inc.

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



NO.	REVISION	BY	APPR	DATE

DESIGN VLM 10/25	DRAWN TG 10/25	CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
CHECKED DPF 10/25	TYLin	PAVING PLAN	
DRAWING NO. PL12	LOCATION JOMAX RD - DYSART RD TO 126TH DR	SHEET 37 OF 62	



DYSART ROAD

MATCH LINE STA 198+00
SEE SHEET 19

T:\0\TYLin-PHX\30100100625-002\600_D56NHighway\04_Sheets\PE65410_BD_Paving01.dwg 10/10/2025 4:16:23 PM Dan Fromm

1356 1356

1352 1352

1348 1348

1356 1356

1352 1352

1348 1348

1352 1352

1348 1348

SEE STAKING SHEET 39

SEE STAKING SHEET 39

SEE STAKING SHEET 39

198+00

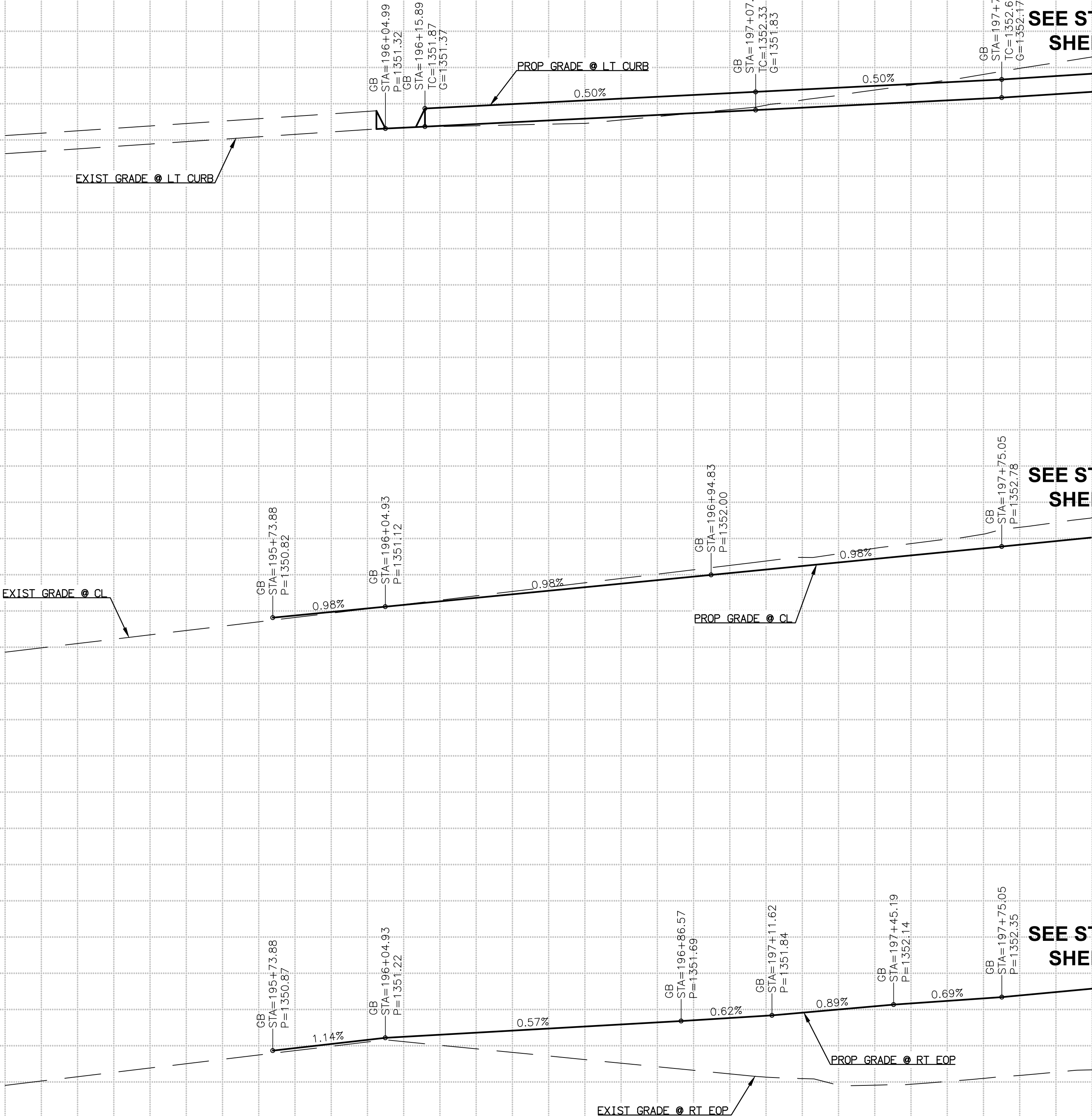
193+50

194+00

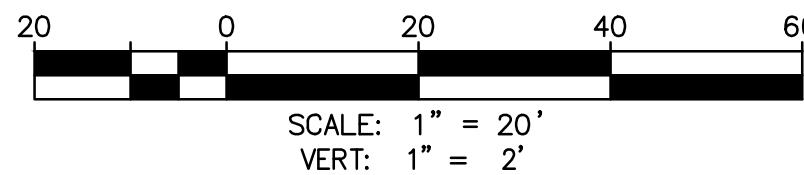
195+00

196+00

197+00



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

DESIGN	NAME	DATE
DRAWN	VLM	10/25
CHECKED	DPF	10/25

DRAWING NO.	LOCATION
PR12	JOMAX RD - DYSART RD TO 126TH DR

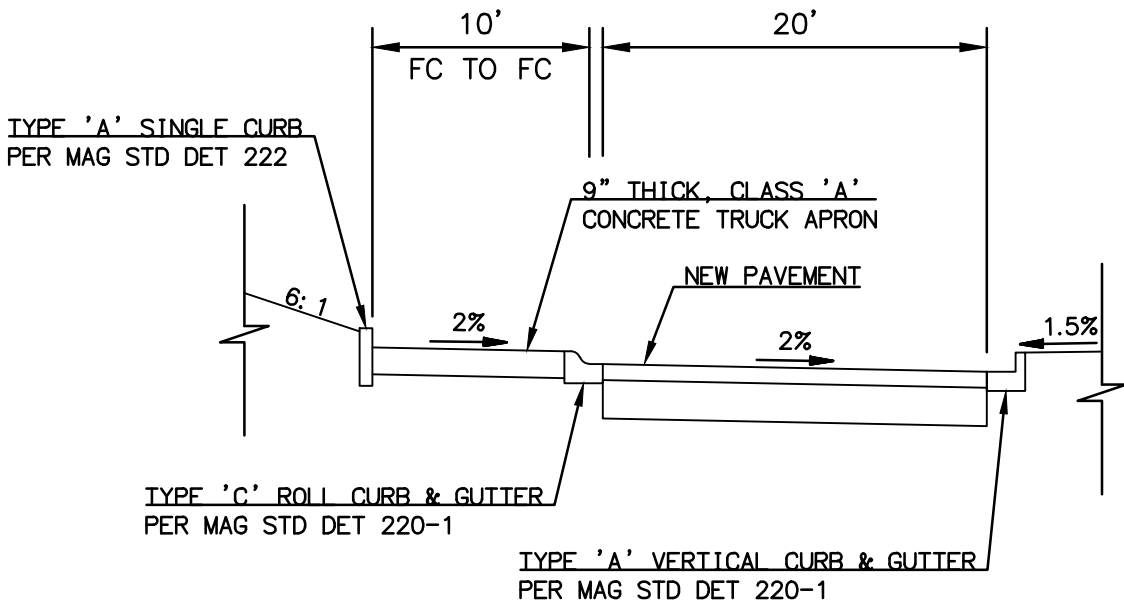
CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
PAVING PROFILE	SHEET 38 OF 62

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

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	N85°20'17"E	348.50'	58.83'	29.48'
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'

LINE TABLE		
NO.	BEARING	LENGTH
L3	N48°37'52"E	5.75'
L1	S00°21'44"E	15.60'
L4	S89°49'34"E	15.81'
L5	N80°30'07"E	38.54'
L6	N83°25'34"E	101.81'
L2	S04°38'16"W	51.63'

NOTE: ALL CURVE AND LINE DATA TO FACE OF CURB



SECTION A-A



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

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Arizona Blue Stake, Inc.

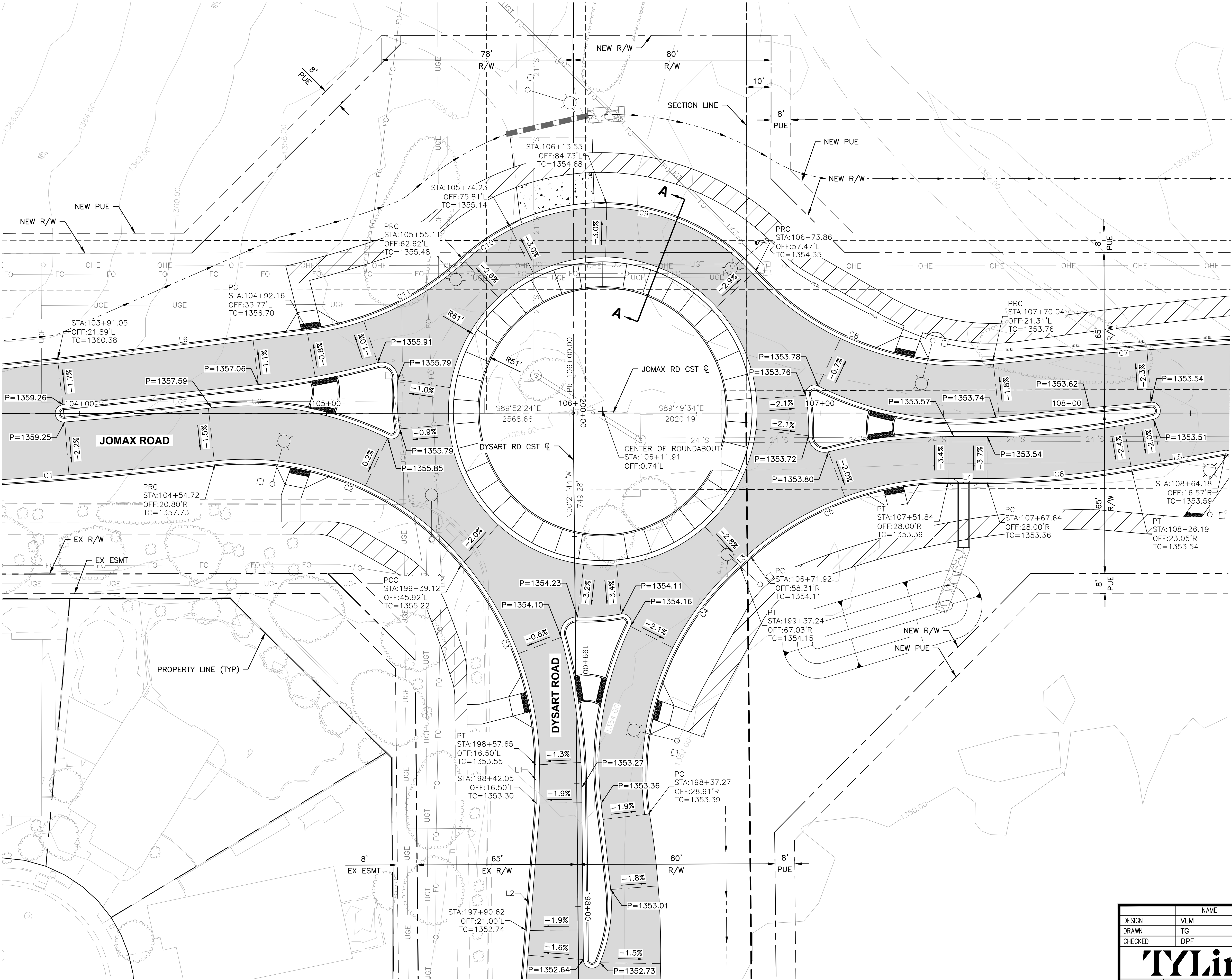
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100



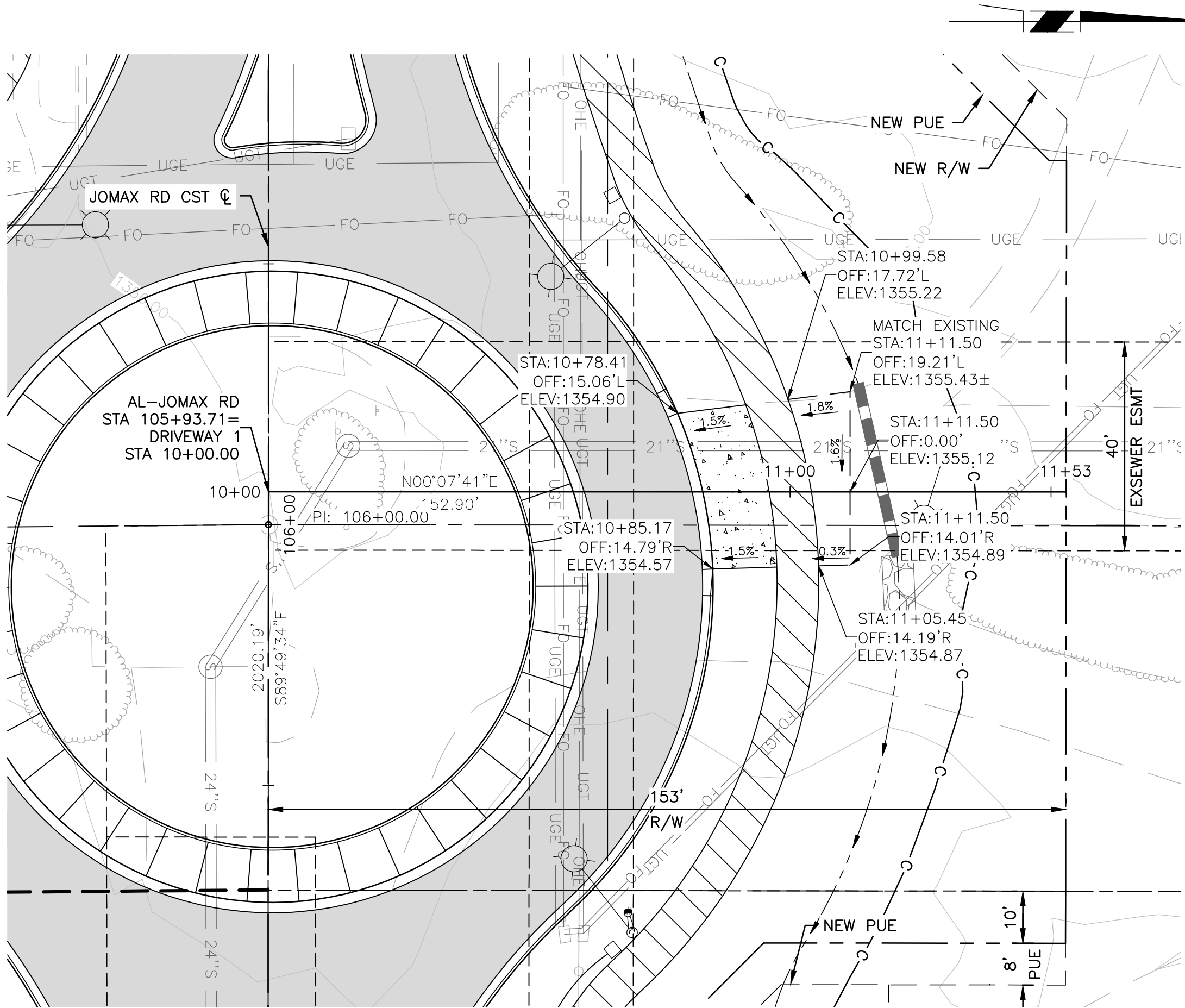
NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25
TYLin			
DRAWING NO.	SK01	LOCATION	JOMAX RD - DYSART RD TO 126TH DR

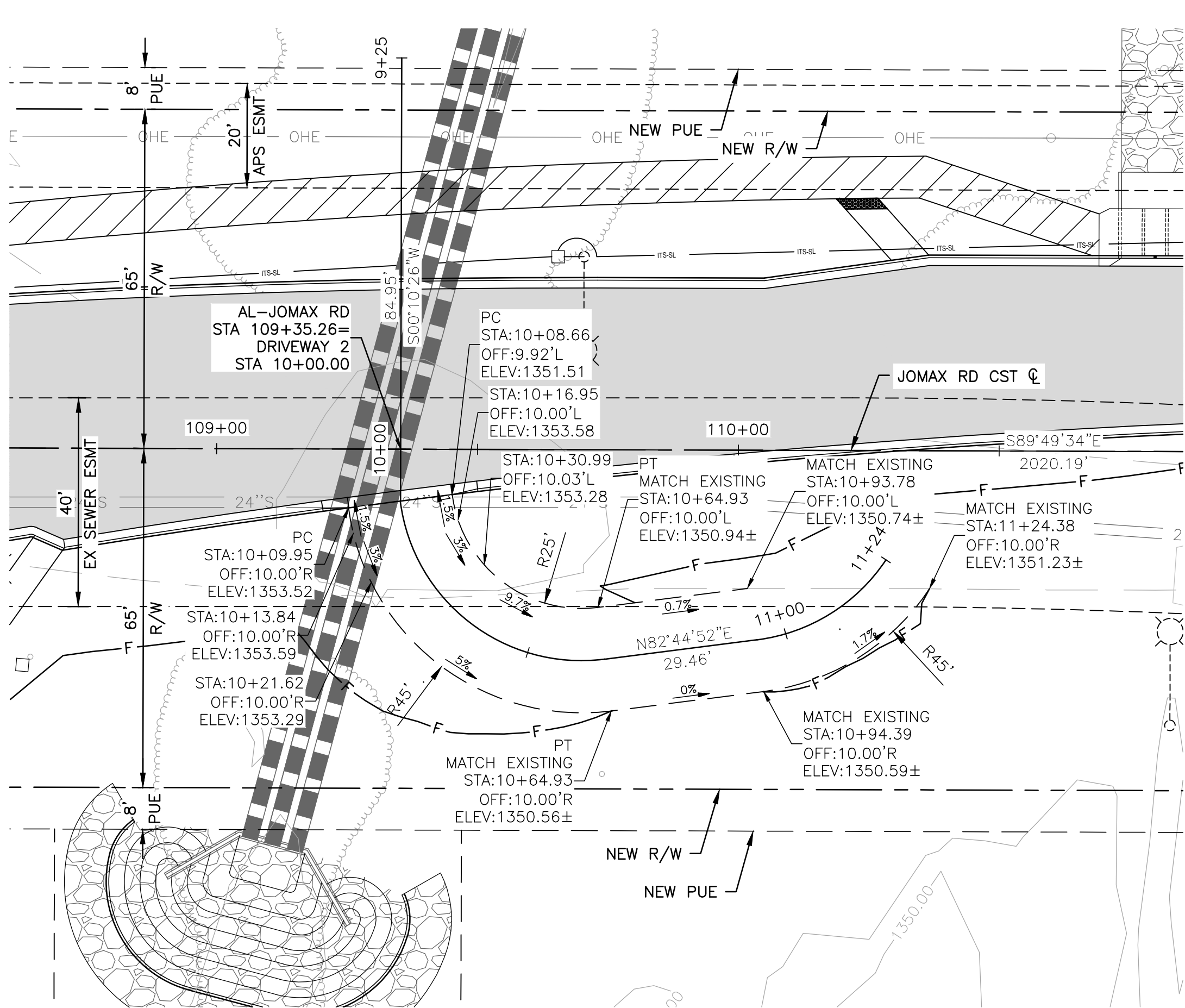
CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
INTERSECTION STAKING	
SHEET 39 OF 62	



T:\0\TYLin-PHX\3010\000625.002\600_D56NHighway\04_Sheets\P65410_BD_Staking.dwg 10/10/2025 4:58:42 AM Dan Fromm



JOMAX ROAD STA 105+93.71



JOMAX ROAD STA 109+35.26

1362

1360

1358

1356

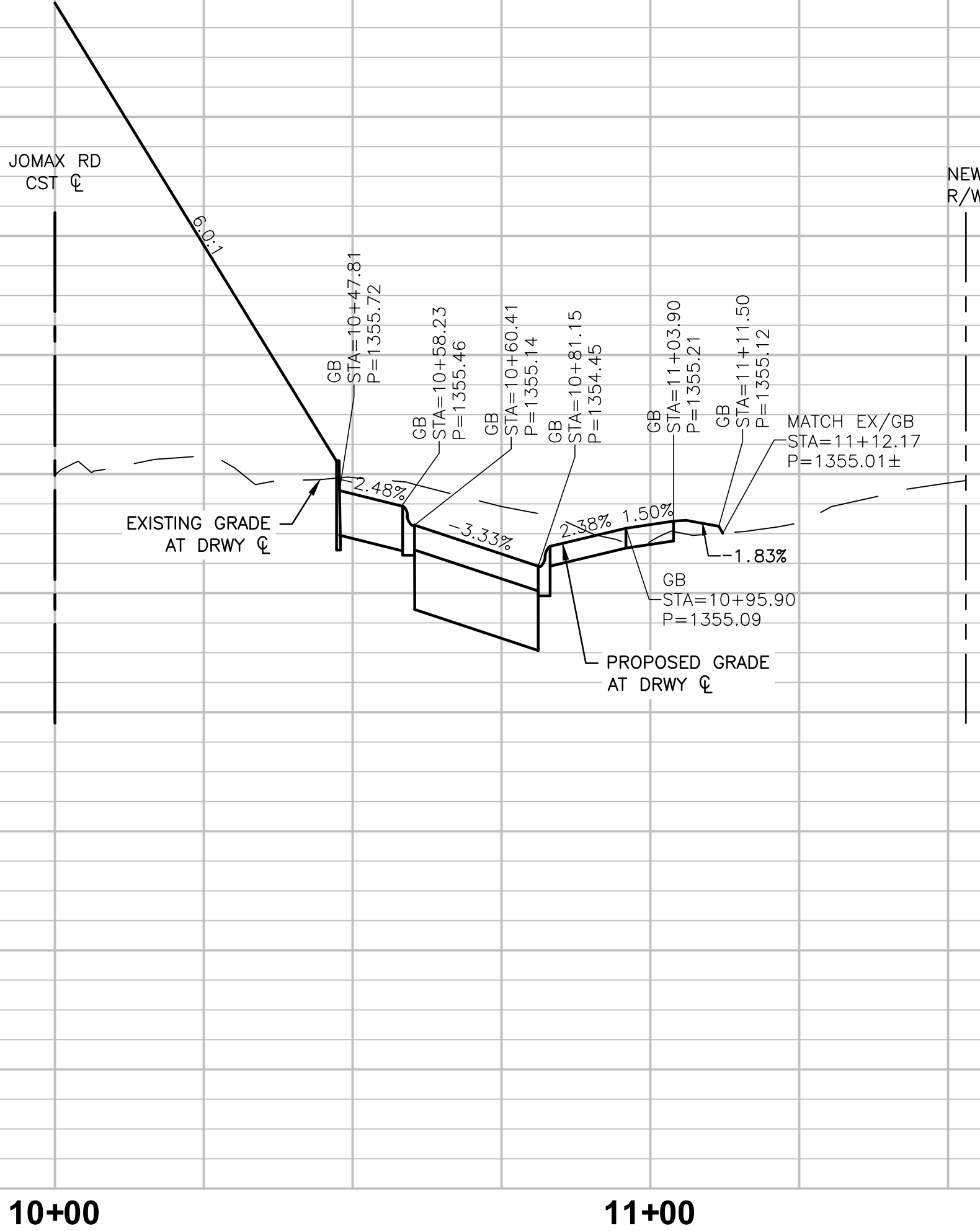
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1348

1346



10+00

11+00

1362

1360

1358

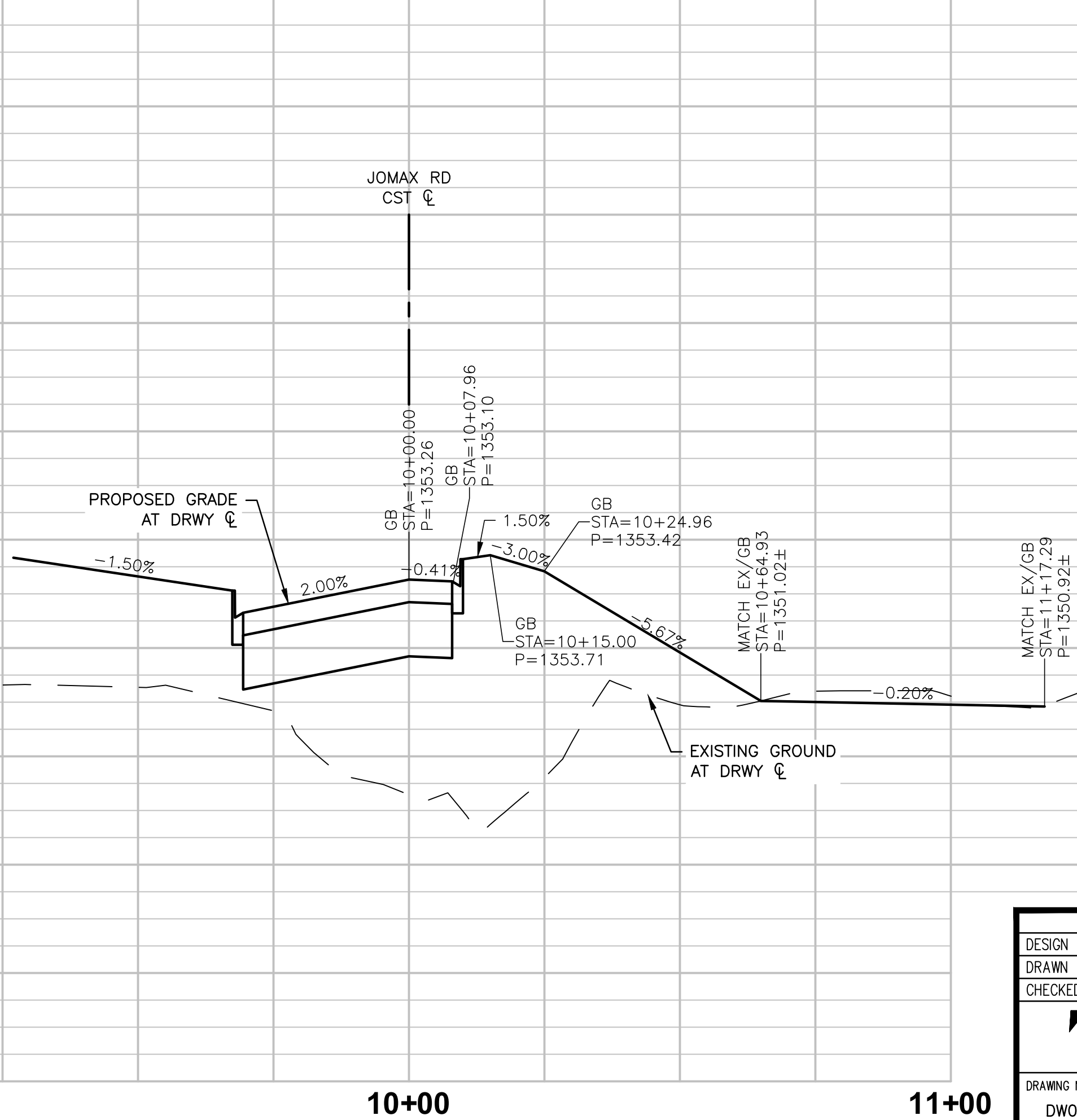
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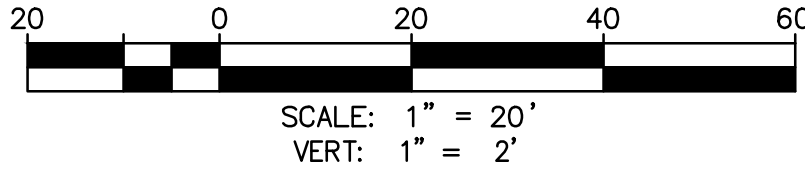
1350

1348



10+00

11+00



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 10/25 DRAWN TG 10/25 CHECKED DPF 10/25	NAME		DATE
	CITY OF PEORIA ENGINEERING DEPARTMENT		10/25
	DRIVEWAY PLAN & PROFILE		10/25
DRAWING NO. DW01		LOCATION JOMAX RD - DYSART RD TO 126TH DR	
PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING		SHEET 40 OF 62	

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 RESTRIPED. 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:

EXISTING SIGN


NEW SIGN (1 POST)




EX R1-1
36"X36"




EX R2-1(35)
EX R2-1(25)
30"X36"




EX R5-1
30"X30"



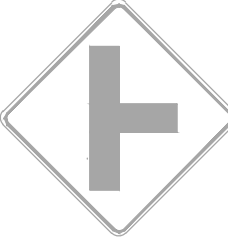
EX R8-3
12"X12"




EX W1-1
36"X36"




EX W1-7
48"X24"




EX W2-2R
36"X36"



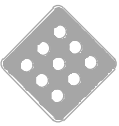
EX W8-3
36"X36"




EX W13-1P(15)
24"X24"




EX W14-1
36"X36"




EX OM1-2
18"X18"




EX D3-1
VARIESX9"
EX D3-2
VARIESX12"




NEW R1-1
36"X36"




NEW R2-1(40)
NEW R2-1(30)
30"X36"



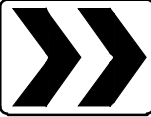
NEW R3-17
24"X18"



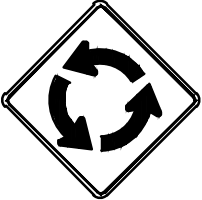
NEW R3-17bP
24"X8"




NEW R4-7
24"X30"




NEW R6-4
30"X24"




NEW W2-6
36"X36"




NEW W13-1P(20)
24"X24"




NEW OM3-R
12"X36"




NEW R6-1R
54"X18"




NEW D1-3
60"X18"



NEW W11-2
30"X30"




NEW W16-7PL
24"X12"




NEW D1-3
60"X24"

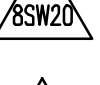
STRIPING LEGEND:



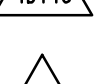
4" BROKEN WHITE LINE WITH A 15' LINE SEGMENT AND A 25' GAP WITH A TYPE 'G' RPMS AT 40' SPACING




4" SOLID WHITE LINE WITH TYPE 'G' RPM'S @ 80' SPACING (FOR STRAIGHT SECTIONS OF ROADWAY)




8" SOLID WHITE LINE WITH TYPE 'G' RPM'S @ 20' SPACING




4" DOUBLE YELLOW LINE WITH TYPE 'D' RPM'S @ 40' SPACING



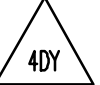
4" DOUBLE YELLOW LINE, ONE SOLID, ONE BROKEN WITH A 15' LINE SEGMENT AND A 25' GAP WITH TYPE 'D' RPM'S @ 20' SPACING (SOLID) TYPE 'D' RPM'S @ 40' SPACING (BROKEN)



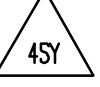
6" DASH WHITE LINE WITH A 3' LINE SEGMENT AND A 9' GAP




8" DASH WHITE LINE WITH A 3' LINE SEGMENT AND A 9' GAP




12" DOTTED WHITE 2' LINE, 3' GAP




4" DOUBLE YELLOW LINE



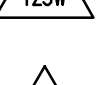
4" SOLID YELLOW LINE




4" SOLID WHITE LINE




6" SOLID WHITE LINE




8" SOLID WHITE LINE




12" SOLID WHITE LINE




18" SOLID WHITE LINE



EXISTING STRIPING TO REMAIN



"TURN ARROWS"



"BIKE LANE" PAVEMENT MARKING

JOMAX ROAD				
APPROXIMATE PAVEMENT MARKING QUANTITIES				
BID ITEM NO.	ITEM	UNIT	QUANTITIES	
35	PAVEMENT MARKING WATER BASED PAINT 15 MIL.	4" WHITE (EQUIVALENT)	LF	13,869
36		4" YELLOW (EQUIVALENT)	LF	12,540
38	PAVEMENT MARKING ALKYD THERMOPLASTIC BASED PAINT 90 MIL.	4" WHITE (EQUIVALENT)	LF	13,869
39		4" YELLOW (EQUIVALENT)	LF	12,540
37	PAVEMENT MARKING (TRANSVERSE)	4" WHITE (EQUIVALENT)	LF	2,451
41	3M STAMARK PAVEMENT MARKING TAPE	ARROWS (CITY OF PEORIA DET. PE-021)	EA	0
42		"YIELD" LEGEND (CITY OF PEORIA DET. PE-021)	EA	3
43		BIKE LANE (CITY OF PEORIA DET. PE-021)	EA	6
44	RAISED PAVEMENT MARKERS	TYPE D	EA	184

APPROXIMATE SIGN QUANTITIES			
BID ITEM NO.	ITEM	UNIT	QUANTITY
33	REMOVE AND SALVAGE SIGNS	EACH	14
45	SIGN POST (PREFORATED) (SINGLE)	LFT.	472
46	FOUNDATION FOR SQUARE TUBE POST	EACH	38
47	REGULATORY, WARN, OR MARKER SIGN PANEL W/TYP XI SHT	SQ.FT.	263

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

DESIGN	VLM	10/25
DRAWN	TG	10/25
CHECKED	DPF	10/25



DRAWING NO.	LOCATION
SS01	JOMAX RD - DYSART RD TO 126TH DR

CITY OF PEORIA
ENGINEERING DEPARTMENT

SIGNING AND STRIPING NOTES AND
LEGEND

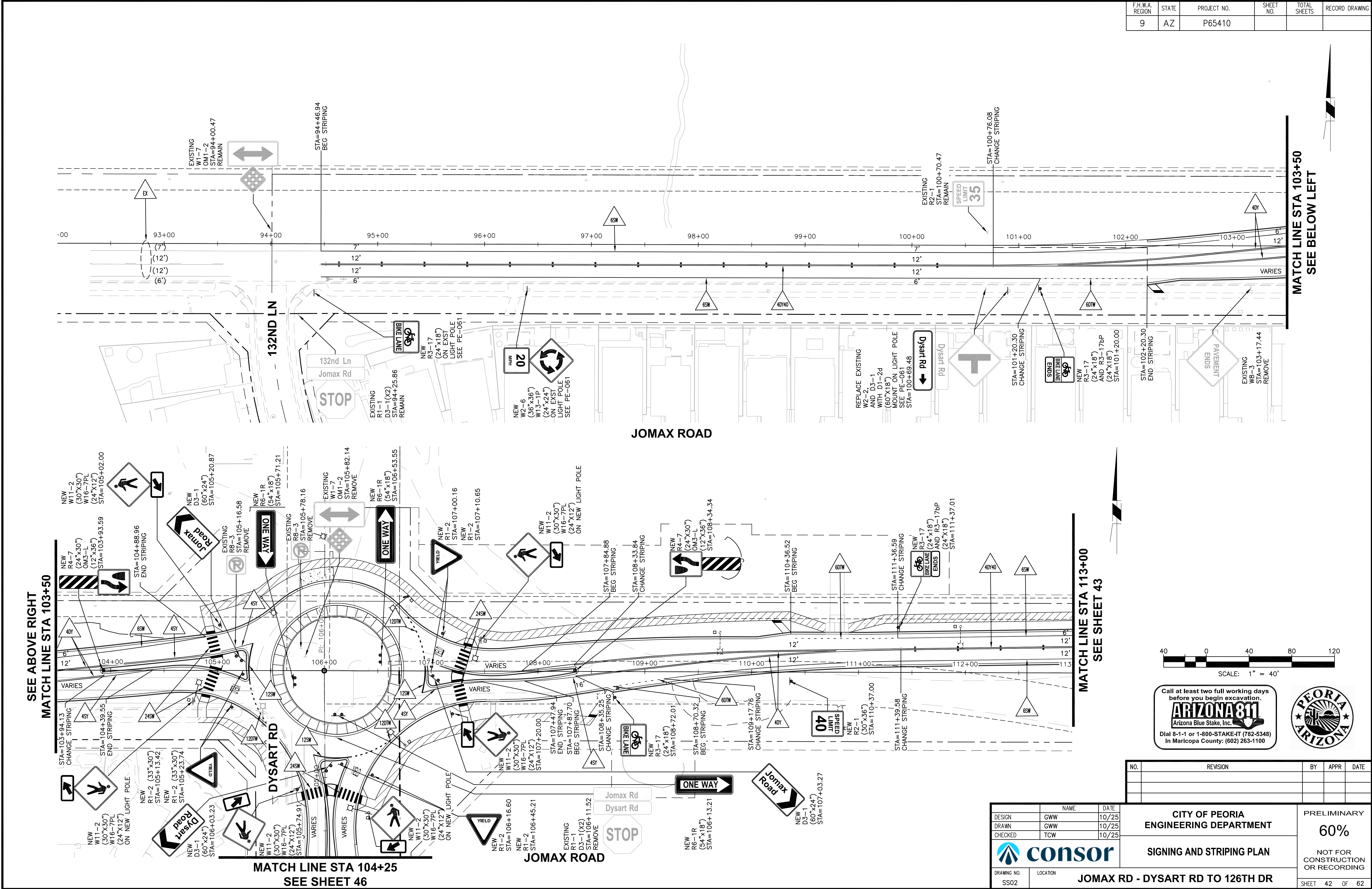
PRELIMINARY

60%


NOT FOR
CONSTRUCTION
OR RECORDING

SHEET 41 OF 62

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



NO.	REVISION	BY	APPR	DATE

		NAME	DATE	CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
DESIGN		GWV	10/25		
DRAWN		GWV	10/25		
CHECKED		TCW	10/25		
				SIGNING AND STRIPING PLAN	
DRAWING NO.		LOCATION			
SS02		JOMAX RD - DYSART RD TO 126TH DR			
				SHEET	42 OF 62

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

SEE SHEET ##
MATCH LINE STA 113+00

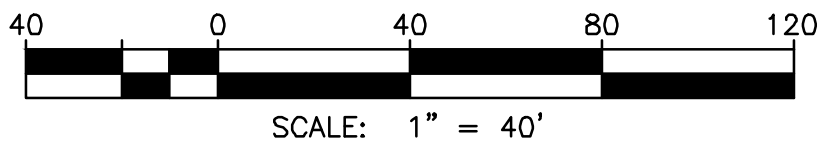
MATCH LINE STA 122+50
SEE BELOW LEFT

JOMAX ROAD

SEE ABOVE RIGHT
MATCH LINE STA 122+50

MATCH LINE STA 131+00
SEE SHEET 44

JOMAX ROAD



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

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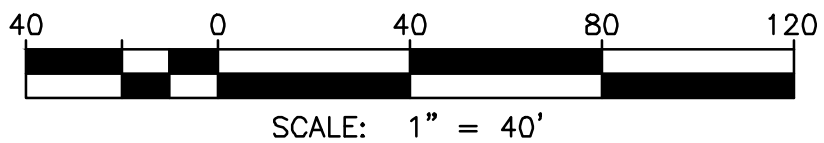
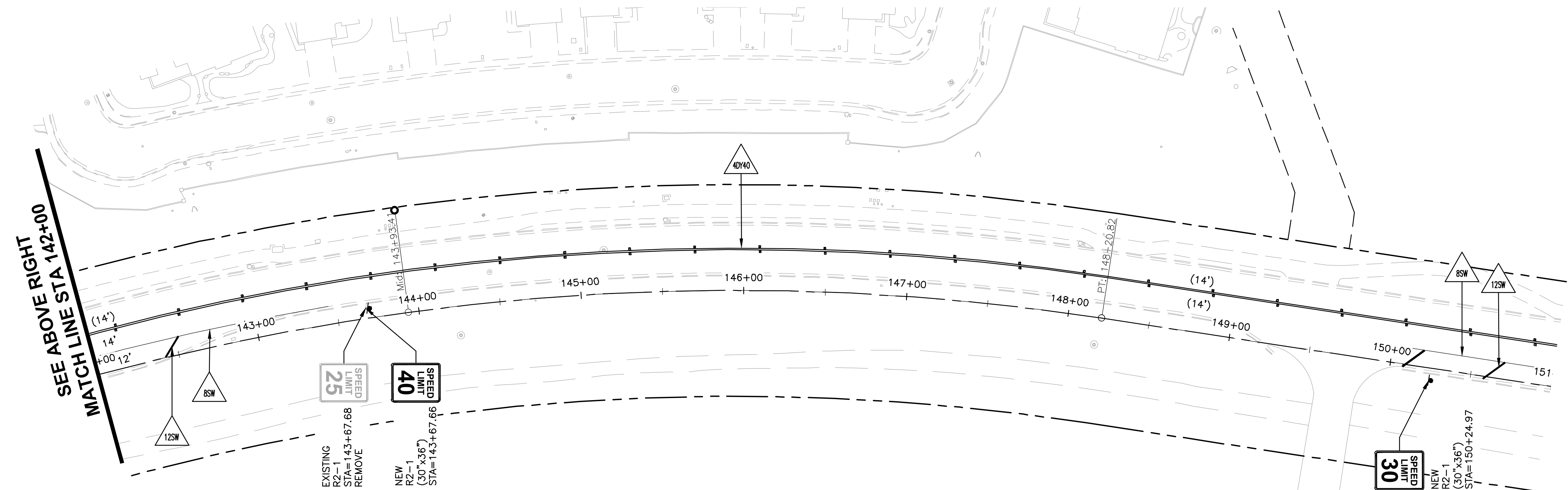
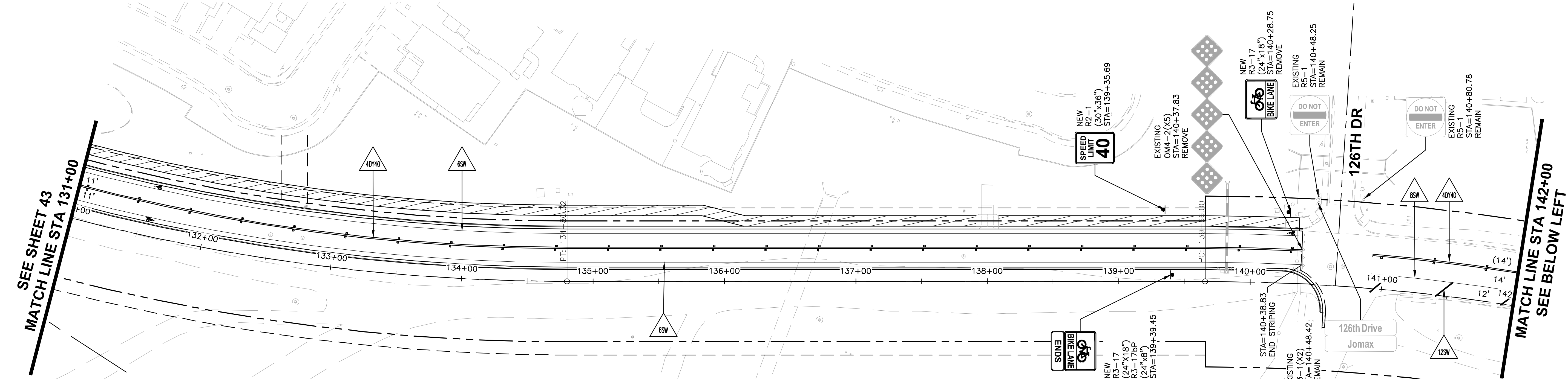


NO.	REVISION	BY	APPR	DATE

TYLin	DESIGN	VLM	DATE	10/25
	DRAWN	TG	DATE	10/25
	CHECKED	DPF	DATE	10/25
DRAWING NO. SS03	LOCATION JOMAX RD - DYSART RD TO 126TH DR			

CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY
	60%
	NOT FOR CONSTRUCTION OR RECORDING
SHEET 43 OF 62	

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



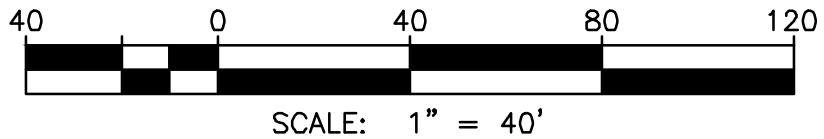
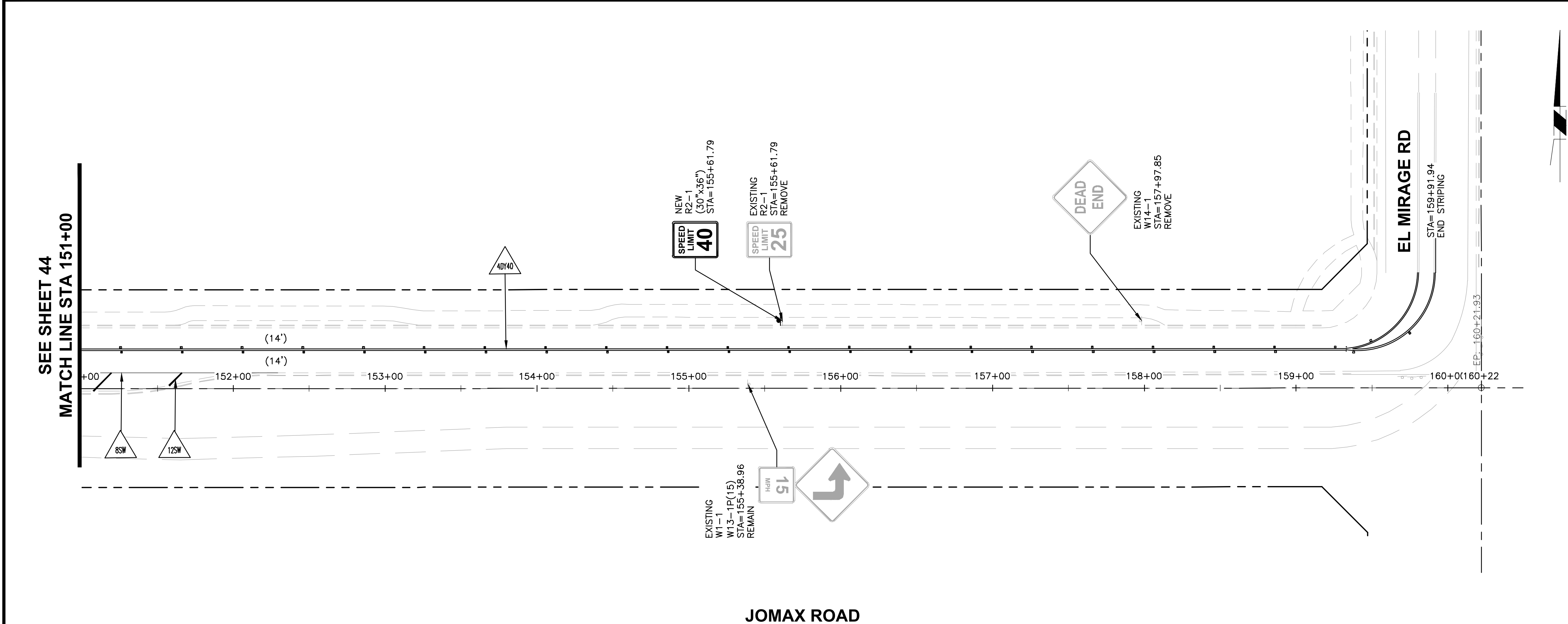
NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DRAWN	VLM	10/25
CHECKED	DPF	10/25

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

CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
SIGNING AND STRIPING PLAN	SHEET 44 OF 62

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

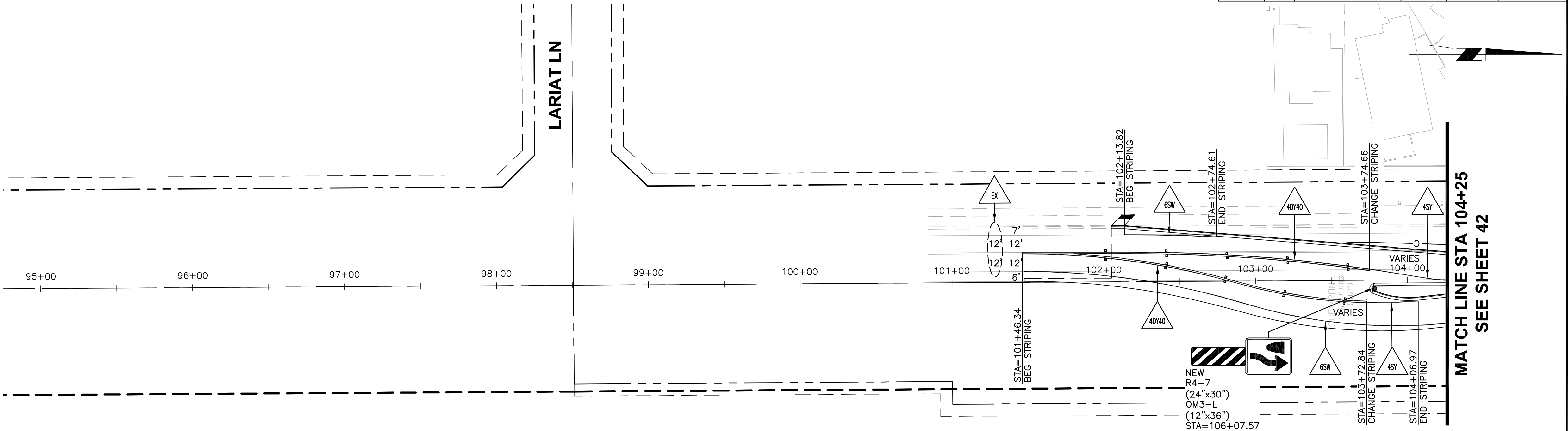


NO.	REVISION	BY	APPR	DATE

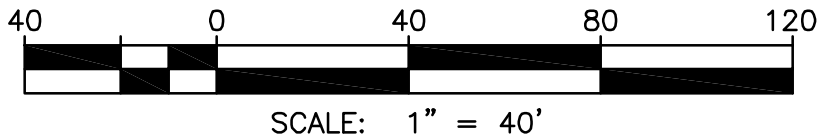
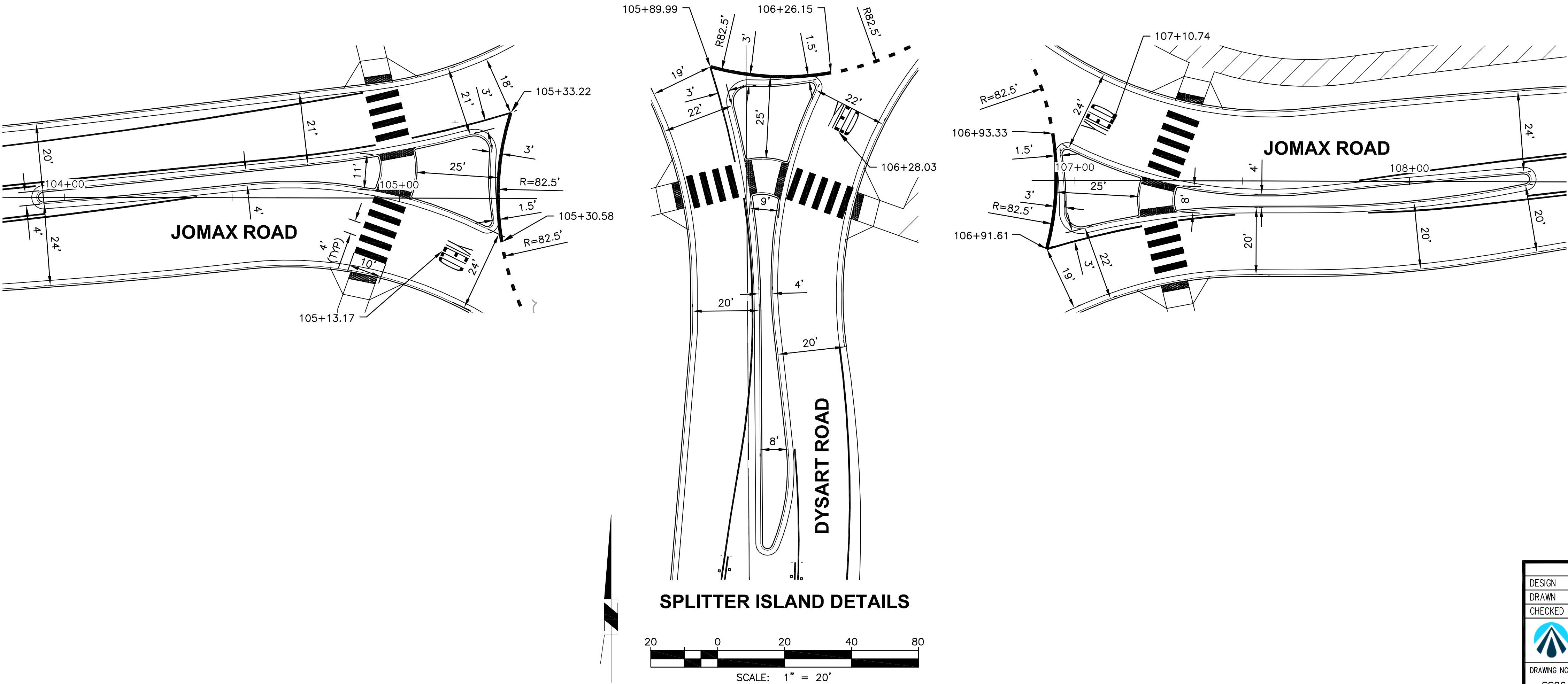
		NAME	DATE	CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING		
DESIGN		VLM	10/25				
DRAWN		TG	10/25				
CHECKED		DPF	10/25	SIGNING AND STRIPING PLAN			
<div>TYLin</div>							
DRAWING NO. SS05	LOCATION JOMAX RD - DYSART RD TO 126TH DR						
				SHEET	45	OF	62

T:\0\TYLin-PHX\3010\0100625\002\600_D56NHighway\04_Sheets\P65410_BT_Striping.dwg 10/10/2025 12:21:03 PM Tajler Gann TY Lin Half Scale.ctb

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



DYSART ROAD




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

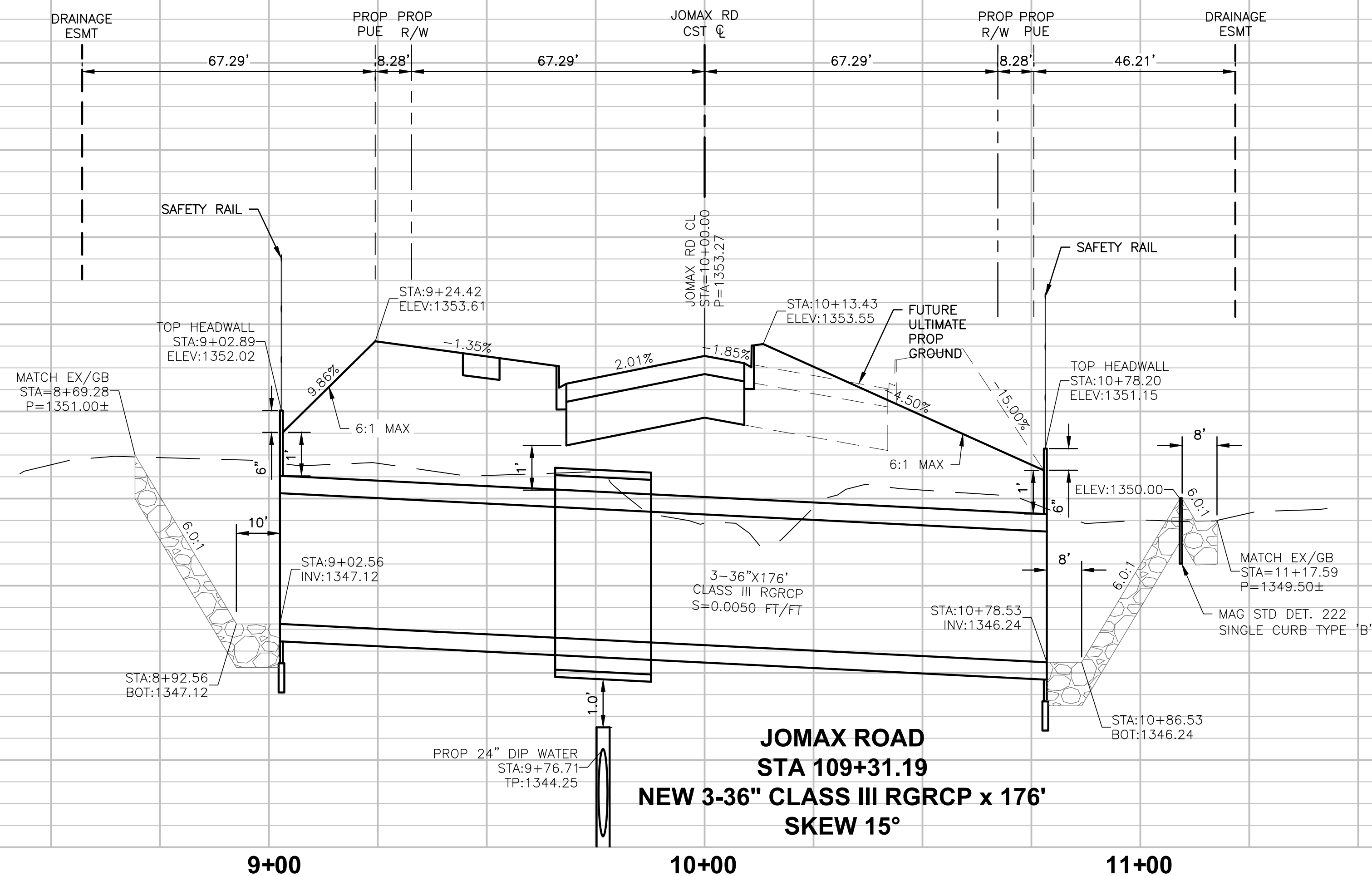
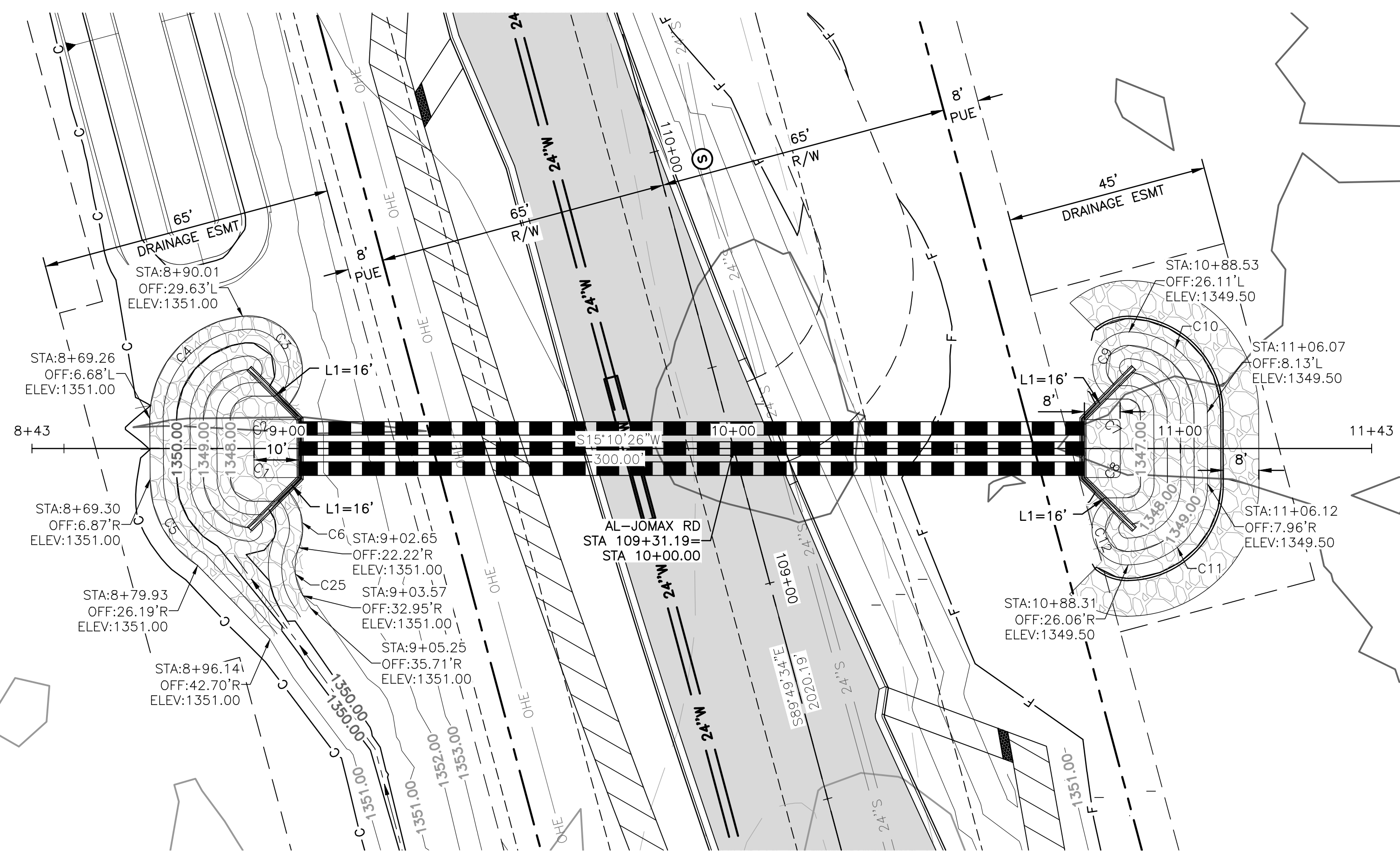
ARIZONA 811
Arizona Blue Stake, Inc.

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In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

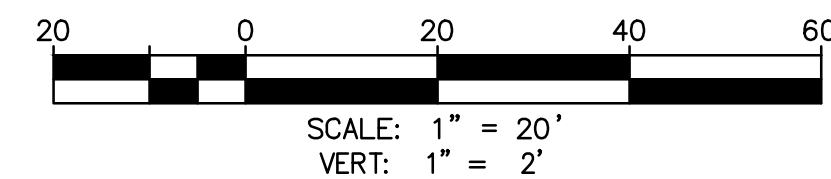
	NAME	DATE	CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60%	
	DESIGN	CWW			10/25
	DRAWN	GWW			10/25
CHECKED	TCW	10/25	SIGNING AND STRIPING PLAN	NOT FOR CONSTRUCTION OR RECORDING	
DRAWING NO. SS06	LOCATION JOMAX RD - DYSART RD TO 126TH DR			SHEET 46 OF 62	



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

NO.	DELTA	RADIUS	LENGTH	TANGENT
C1	S60°00'12"W	1.00'	1.57'	1.00'
C2	N29°59'37"W	1.00'	1.57'	1.00'
C3	N77°54'33"E	12.00'	29.09'	32.02'
C4	N32°43'02"W	23.00'	33.94'	20.91'
C5	S76°20'52"W	23.00'	23.01'	12.57'
C6	S85°10'50"E	12.00'	13.45'	7.53'
C7	N60°00'00"E	1.00'	1.57'	1.00'
C8	S30°00'00"E	1.00'	1.57'	1.00'
C9	N53°49'18"W	8.00'	19.46'	21.61'
C10	N60°33'49"E	18.00'	27.80'	17.54'
C11	S30°18'34"E	18.00'	28.18'	17.91'
C12	S84°52'47"W	8.00'	19.59'	22.16'
C25	N79°45'06"W	12.00'	11.17'	6.03'



NO.	REVISION	BY	APPR	DATE

	NAME	DATE
DESIGN	VLM	10/25
DRAWN	TG	10/25
CHECKED	DPF	10/25

TYLin

DRAWING NO. CO1	LOCATION	JOMAX
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**CITY OF PEORIA
ENGINEERING DEPARTMENT**

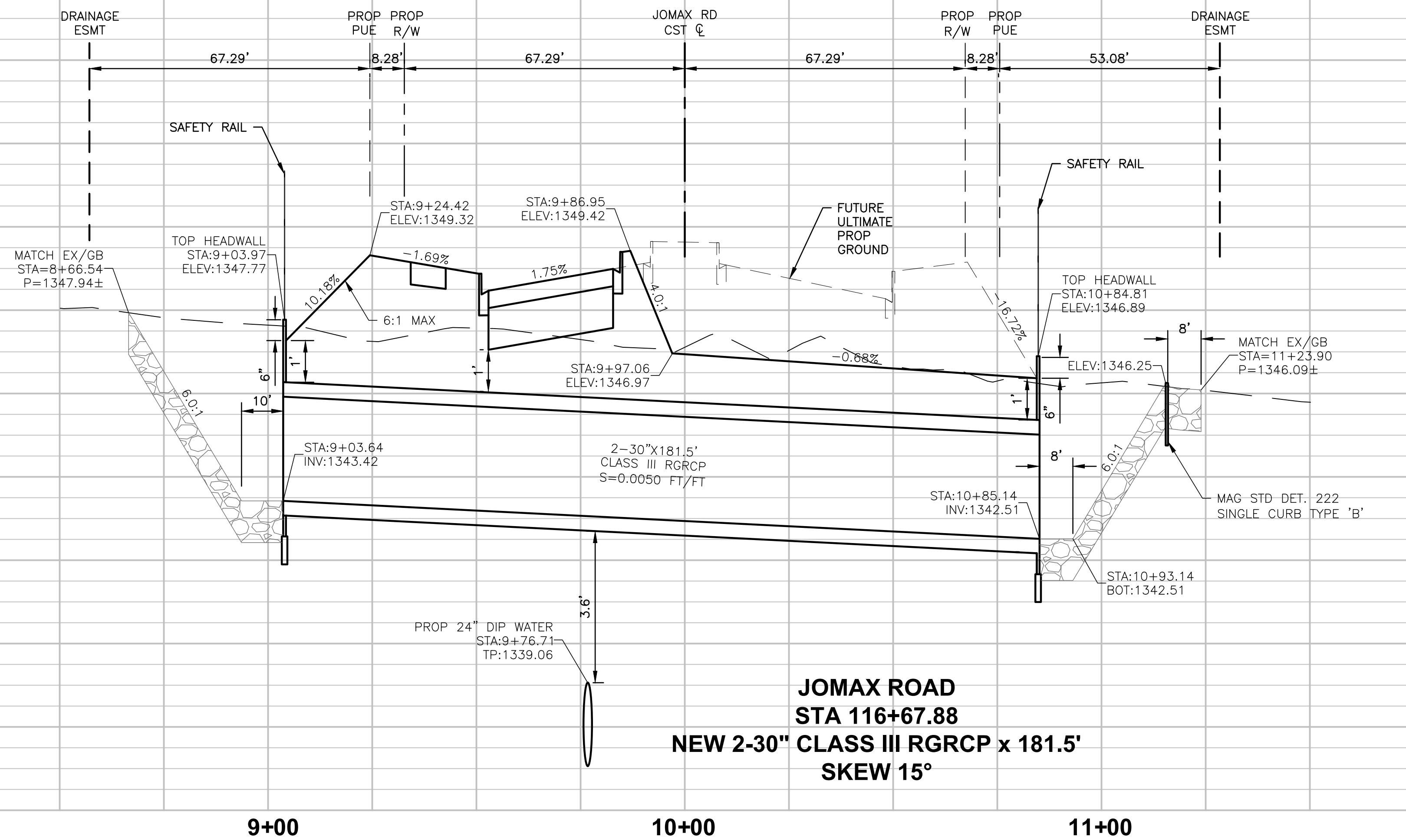
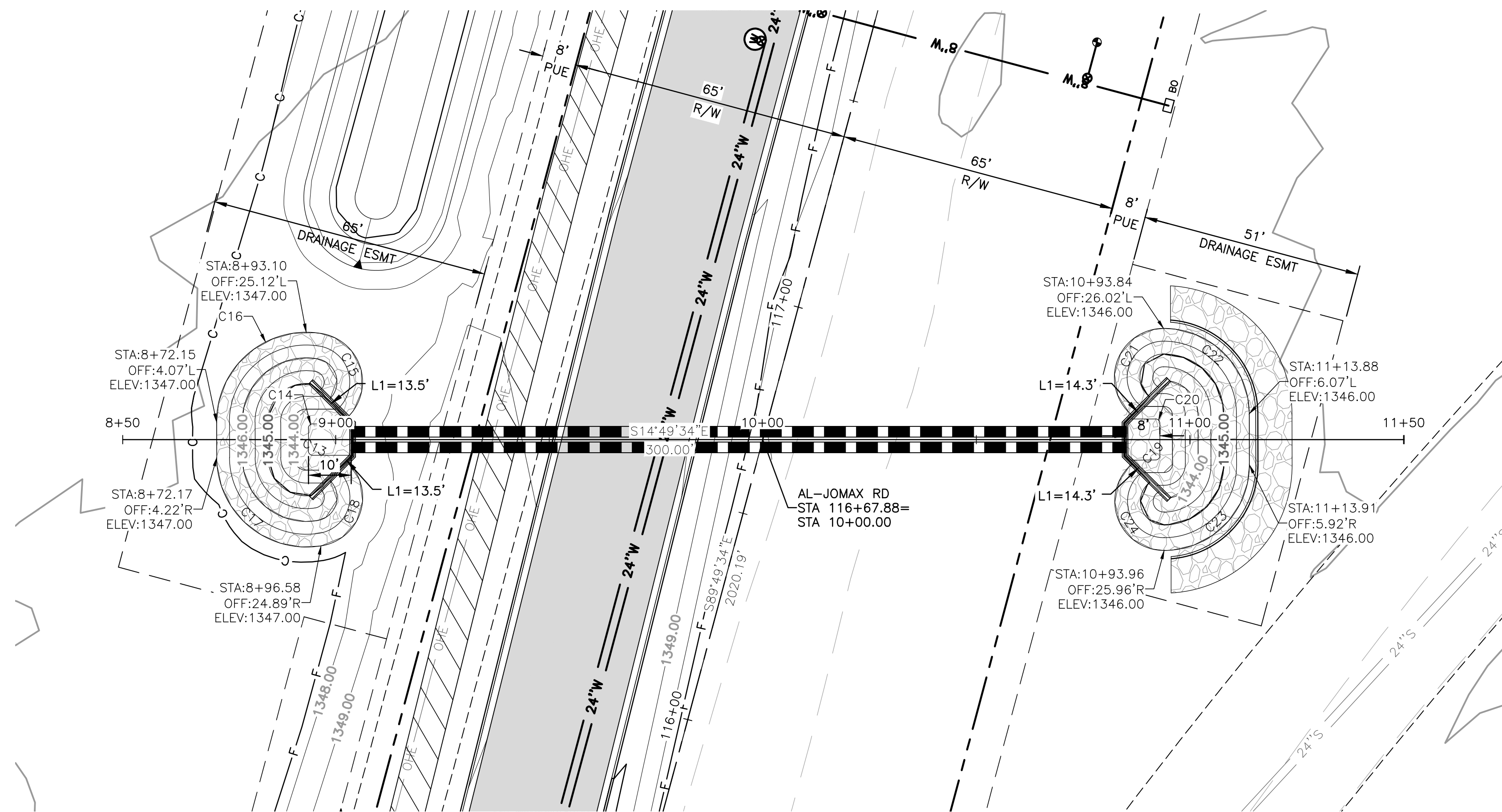
CULVERT PLAN & PROFILE

JOMAX RD - DYSART RD TO 126TH DR

PRELIMINARY
60%

NOT FOR
CONSTRUCTION
OR RECORDING

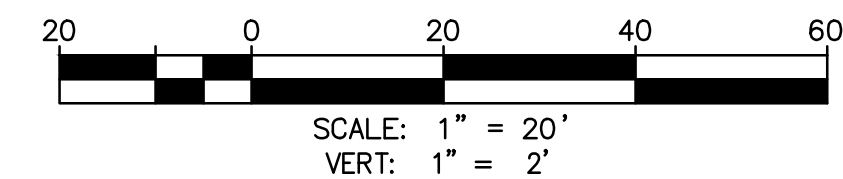
SHEET 47 OF 62




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

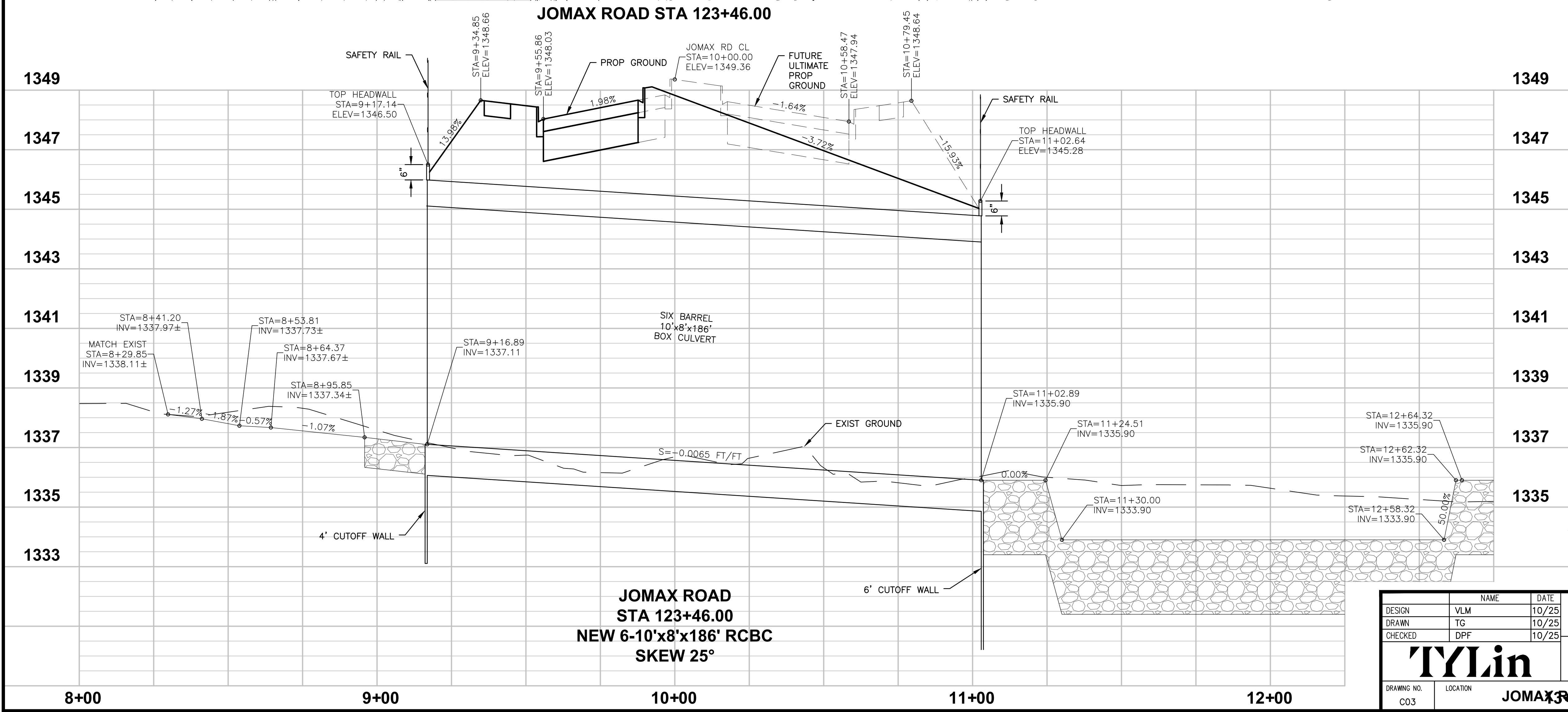
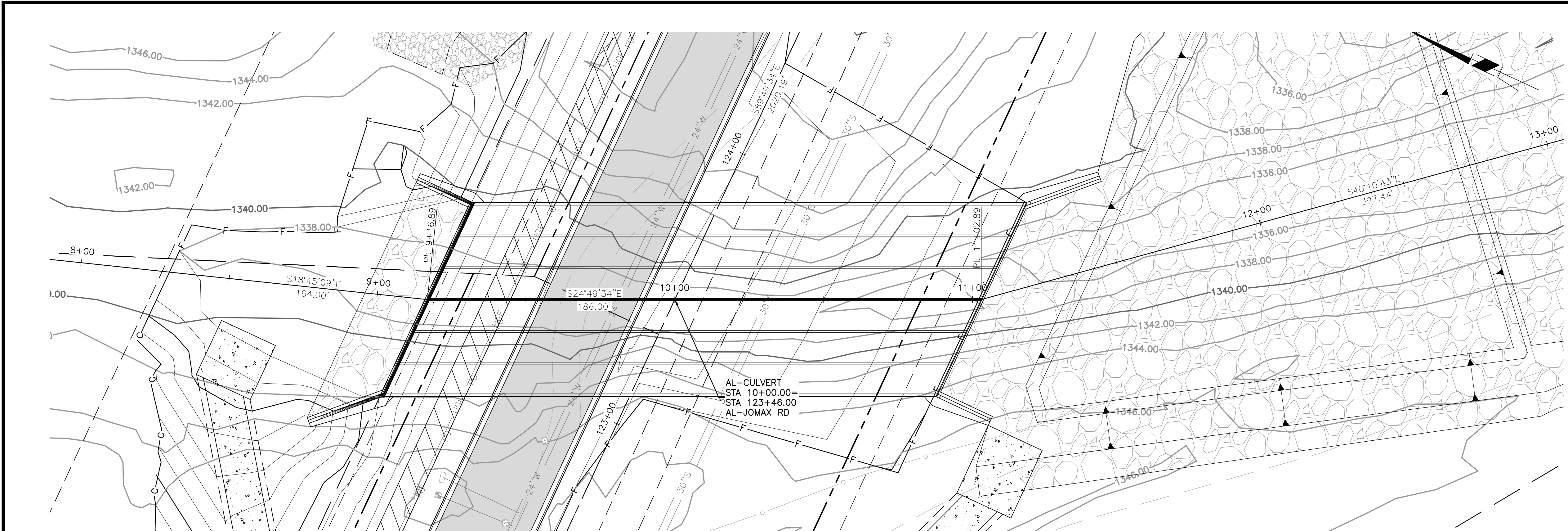
NOTE:
MODIFIED HEADWALL WINGS TYPE 'U'
PER MAG STD DET 501-1 & 501-2
LENGTH L1 PER PLANS

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'	36.33'	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'



NO.	REVISION	BY	APPR	DATE

		NAME	DATE	CITY OF PEORIA ENGINEERING DEPARTMENT		PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING	
DESIGN	VLM	10/25					
DRAWN	TG	10/25					
CHECKED	DPF	10/25					
				CULVERT PLAN & PROFILE			
DRAWING NO. C02		LOCATION JOMAX RD - DYSART RD TO 126TH DR					
						SHEET	48 OF 62



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

NOTE:
INLET AND OUTLET WING DIMENSIONS SHALL BE BASED ON 25' SKEW WITH 4:1 SLOPES.

200004060

SCALE: 1" = 20'
VERT: 1" = 2'

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

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In Maricopa County: (602) 263-1100

PEORIA

ARIZONA

NO.	REVISION	BY	APPR	DATE

DESIGN		VLM	10/25
DRAWN		TG	10/25
CHECKED		DPF	10/25
DRAWING NO.		C03	
LOCATION		JOMAX RD	
NAME		TYLin	
DATE		10/25	
CITY OF PEORIA		ENGINEERING DEPARTMENT	PRELIMINARY
CULVERT PLAN AND PROFILE			60%
NOT FOR CONSTRUCTION OR RECORDING			
SHEET		49	OF 62

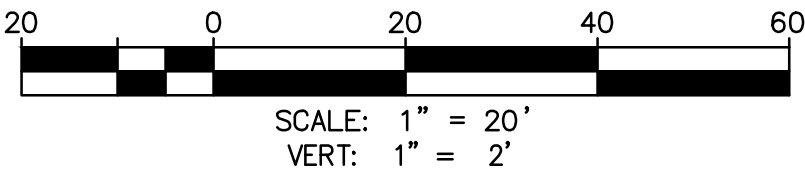
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

BASIN POINT TABLE		
Point #	Northing	Easting
1	991415.93	572171.31
2	991415.21	572176.50
3	991424.62	572180.98
4	991420.30	572182.17
5	991424.21	572313.95
6	991420.21	572313.40
7	991401.13	572396.57
8	991398.45	572397.61
9	991398.37	572391.53
10	991396.46	572398.38
11	991371.77	572460.67
12	991224.72	572297.04
13	991276.14	572264.50
14	991276.36	572261.75
15	991276.54	572259.51
16	991281.29	572261.24
17	991423.02	572140.79
18	991265.30	572252.43
19	991411.07	572405.57
20	991440.25	572301.14
21	991432.71	572256.12
22	991428.36	572149.24

Point
23



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

ARIZONA 811

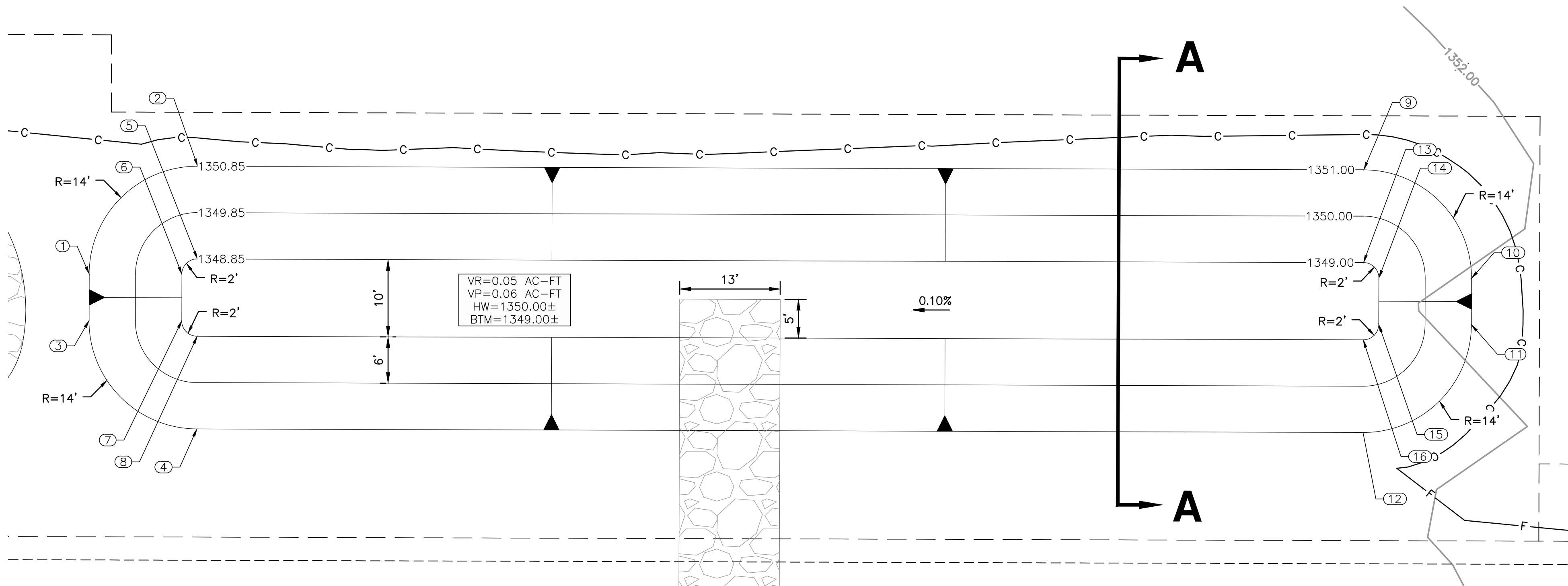
Arizona Blue Stake, Inc.

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In Maricopa County: (602) 263-1100



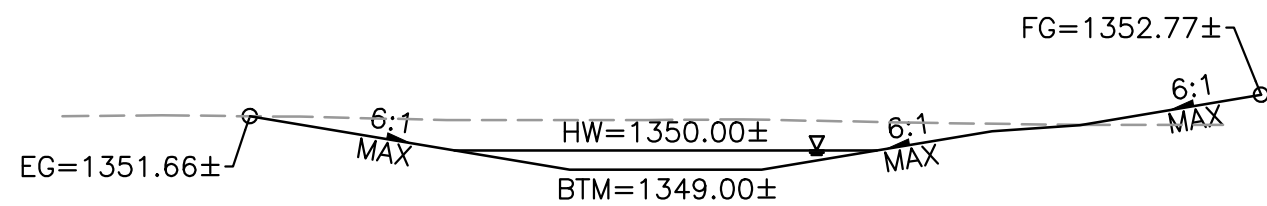
NO.	REVISION	BY	APPR	DATE

<div>DESIGNVLM10/25</div> <div>DRAWNTG10/25</div> <div>CHECKEDDPF10/25</div>	<div>CITY OF PEORIA</div> <div>ENGINEERING DEPARTMENT</div>	<div>PRELIMINARY</div> <div>60%</div> <div>NOT FOR CONSTRUCTION OR RECORDING</div> <div>SHEET 50 OF 62</div>
	<div>CULVERT BASIN PLAN</div>	
	<div>JOMAX RD - DYSART RD TO 126TH DR</div>	



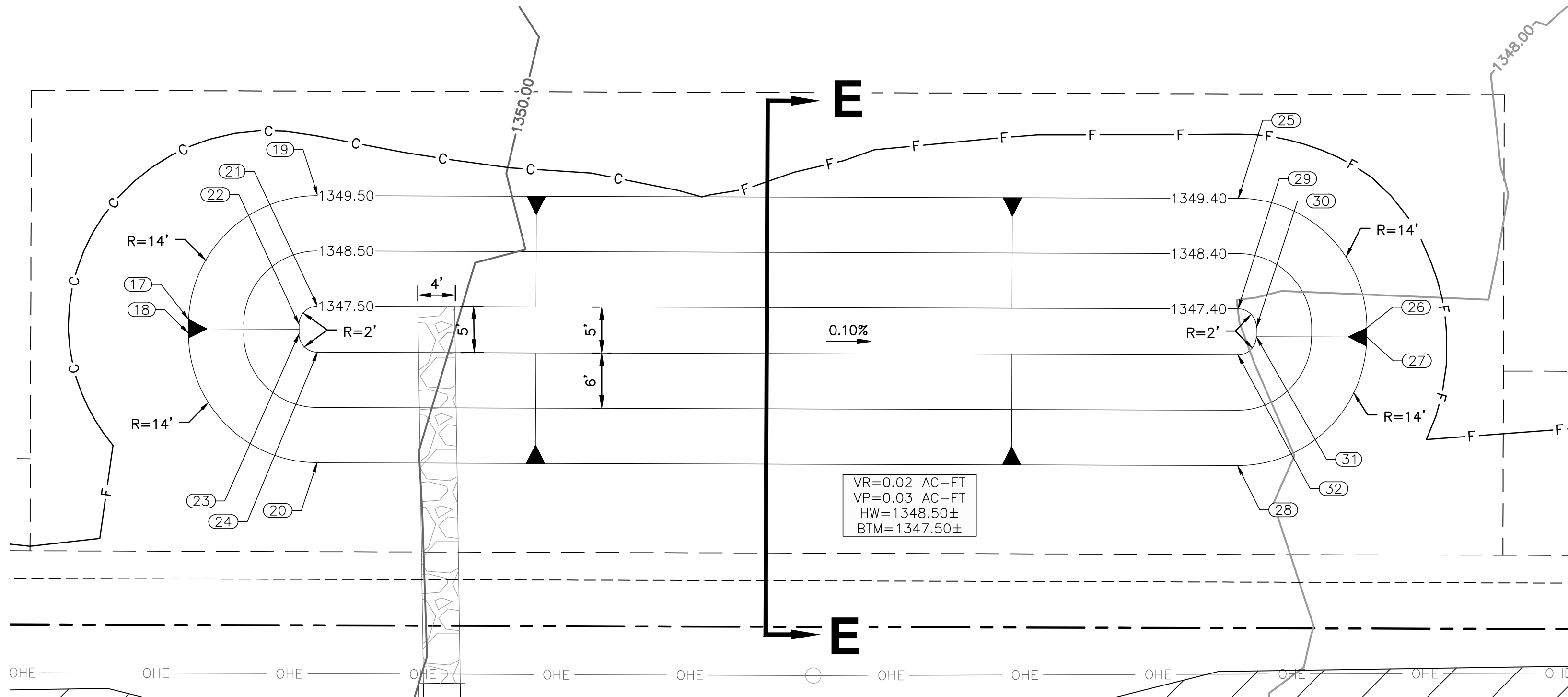
RB A - JOMAX ROAD

SEE SHEETS 21 & 55
SCALE: 1"=10' H



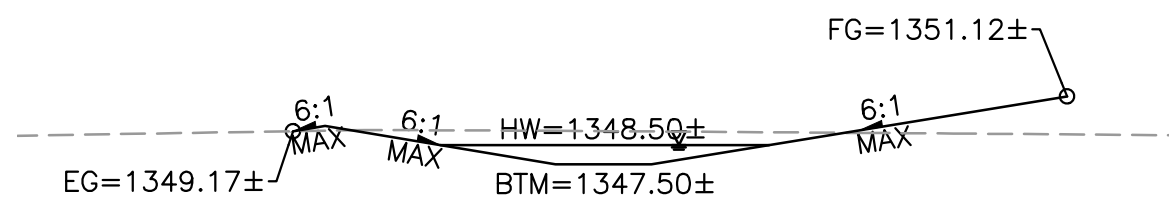
SECTION A-A

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



RB E - JOMAX ROAD

SEE SHEETS 23 & 55
SCALE: 1"=10' H

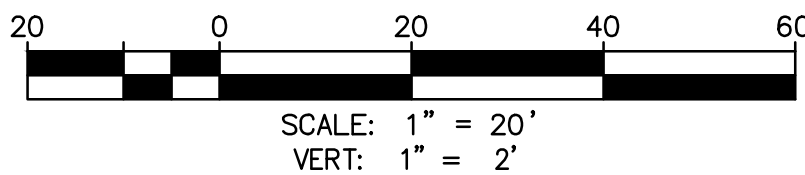


SECTION E-E

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.

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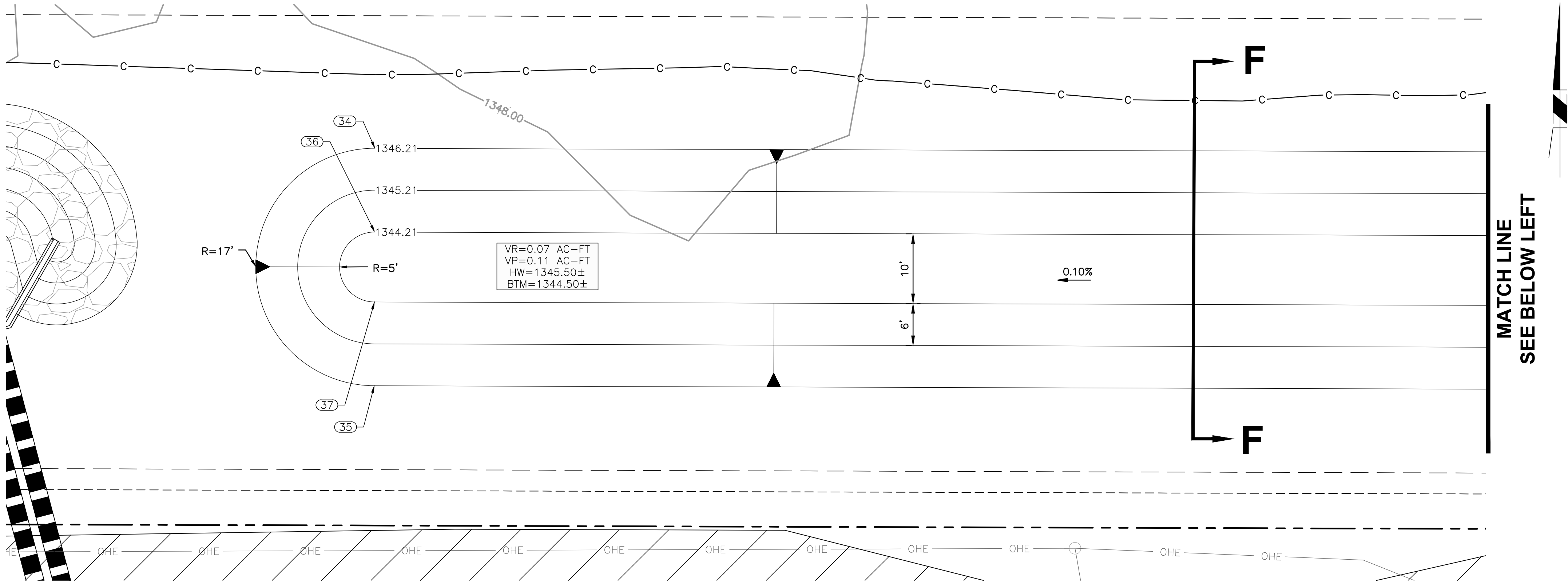


NO.	REVISION	BY	APPR	DATE

DESIGN VLM 10/25 DRAWN TG 10/25 CHECKED DPF 10/25	NAME	DATE
	CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60%
	RETENTION BASIN DETAIL	NOT FOR CONSTRUCTION OR RECORDING
DRAWING NO. RB01	LOCATION JOMAX RD - DYSART RD TO 126TH DR	SHEET 52 OF 62

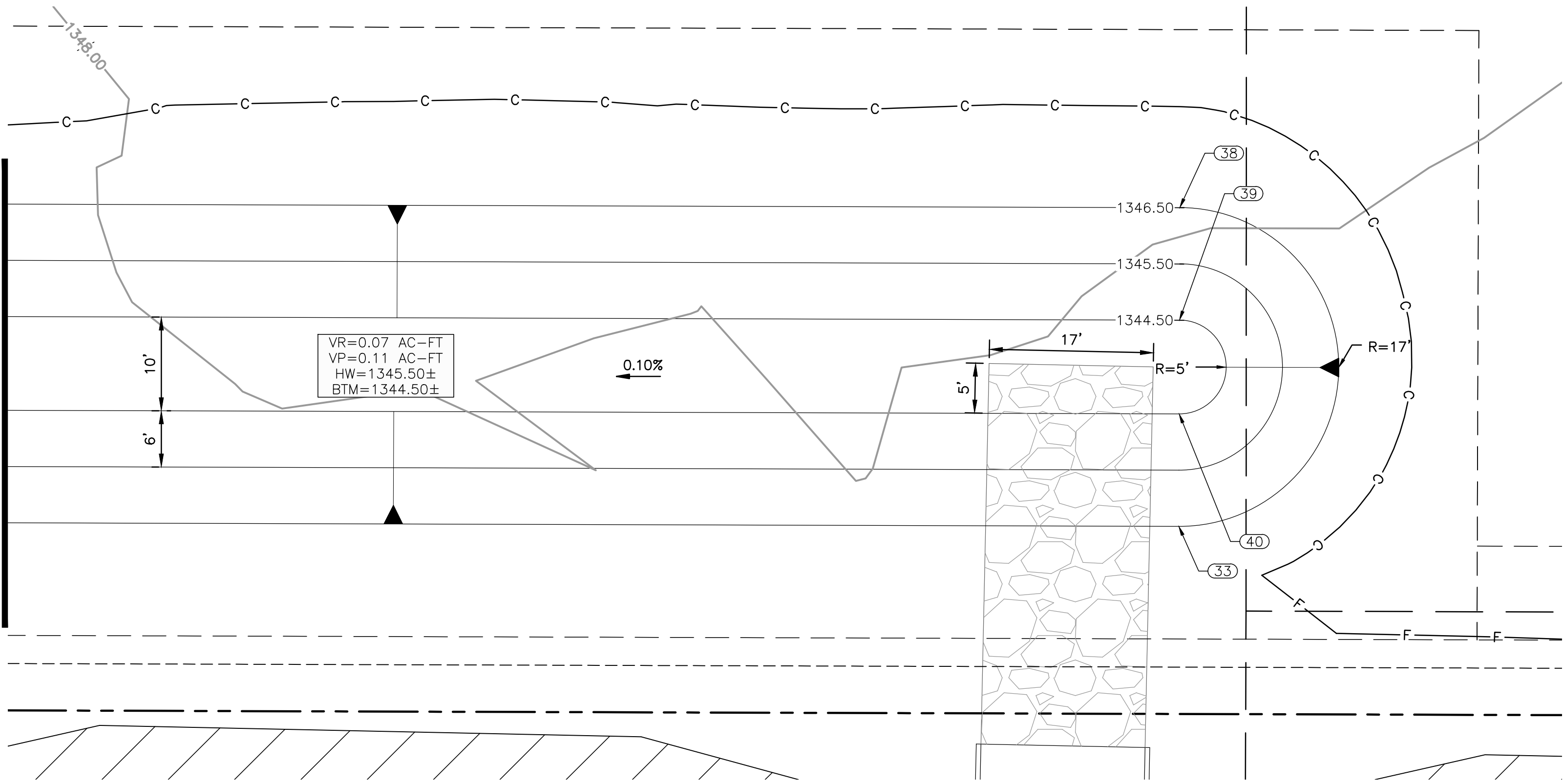
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

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



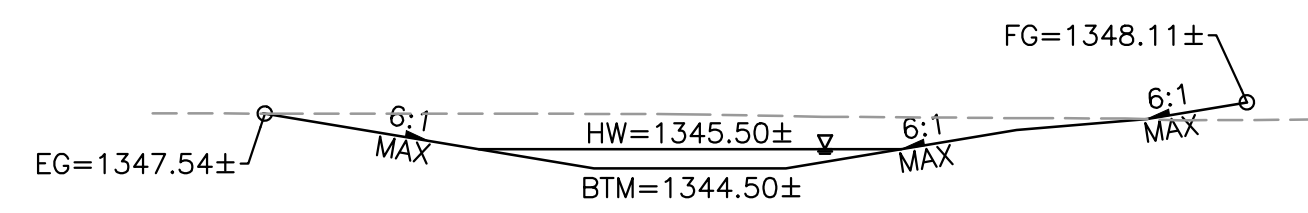
RB F - JOMAX ROAD

SEE SHEETS 25 & 56
SCALE: 1"=10' H



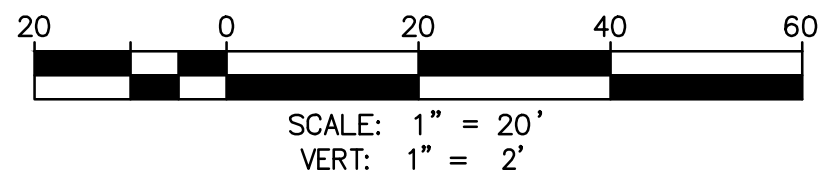
RB F - JOMAX ROAD

SEE SHEETS 25 & 56
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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NO.	REVISION	BY	APPR	DATE

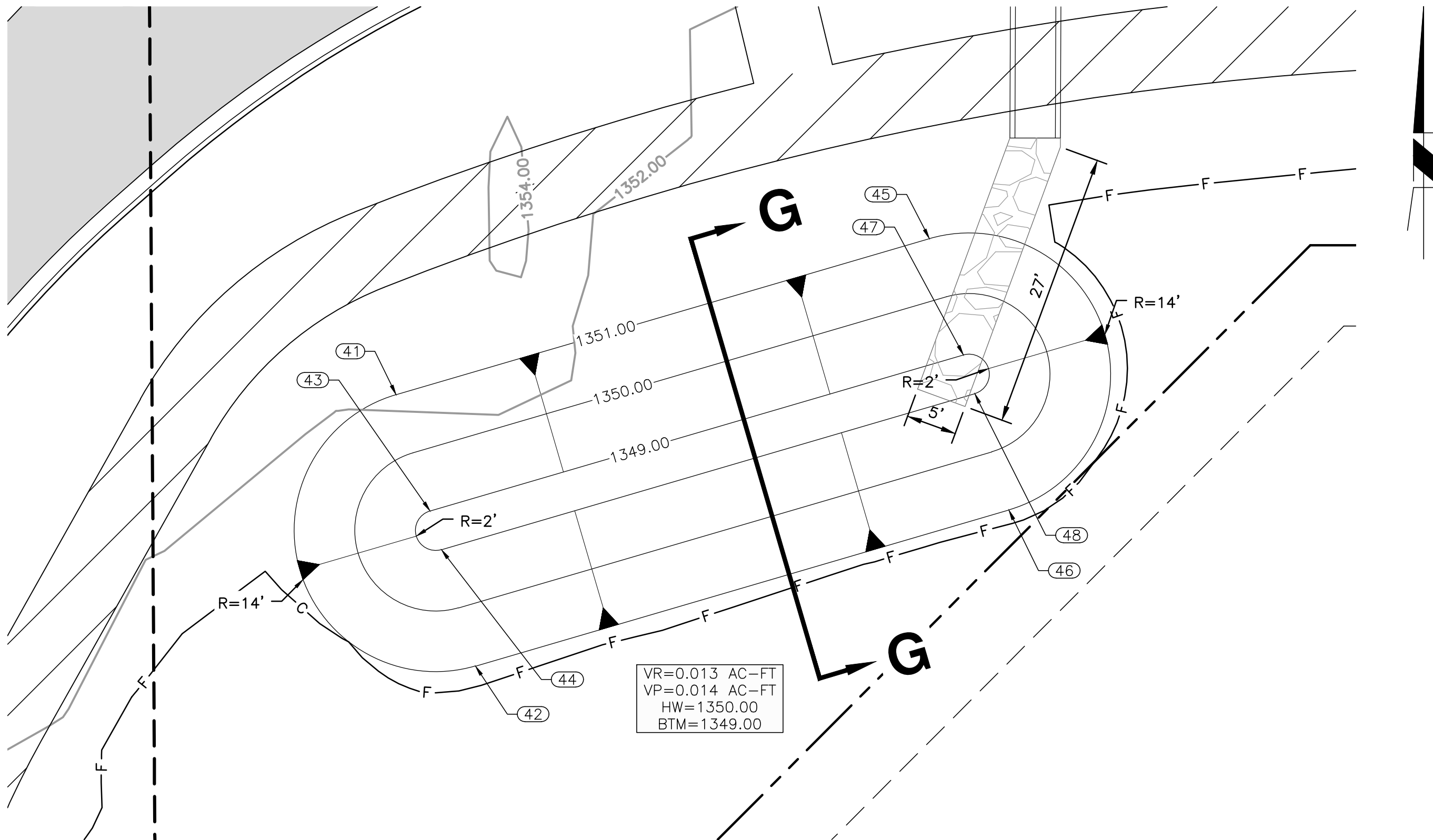
DESIGN	VLM	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25
TYLin			
DRAWING NO.	RB02		
LOCATION	JOMAX RD - DYSART RD TO 126TH DR		

CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
RETENTION BASIN DETAIL	
SHEET 53 OF 62	

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

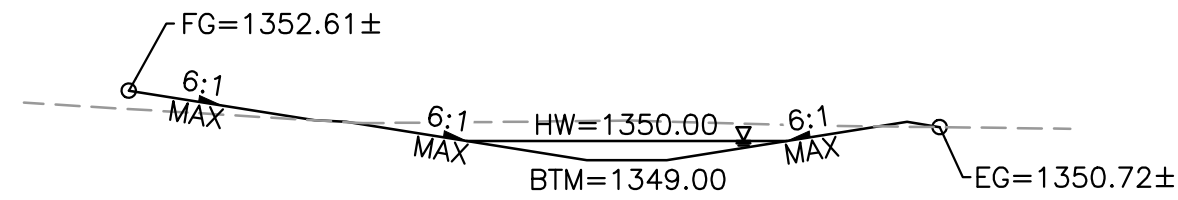
BASIN-G POINT TABLE		
Point #	Northing	Easting
41	991468.63	570506.36
42	991441.76	570514.22
43	991457.11	570509.73
44	991453.27	570510.85
45	991484.08	570559.14
46	991457.21	570567.01
47	991472.56	570562.51
48	991468.72	570563.64

BASIN-D POINT TABLE		
Point #	Northing	Easting
49	991205.75	570443.87
50	991219.84	570457.78
51	991219.85	570459.78
52	991205.94	570473.87
53	991205.83	570455.87
54	991207.84	570457.85
55	991207.85	570459.85
56	991205.86	570461.87
57	991159.75	570444.16
58	991145.84	570458.16
59	991145.84	570460.16
60	991159.92	570474.16
61	991159.82	570456.16
62	991157.84	570458.16
63	991157.84	570460.16
64	991159.85	570462.16



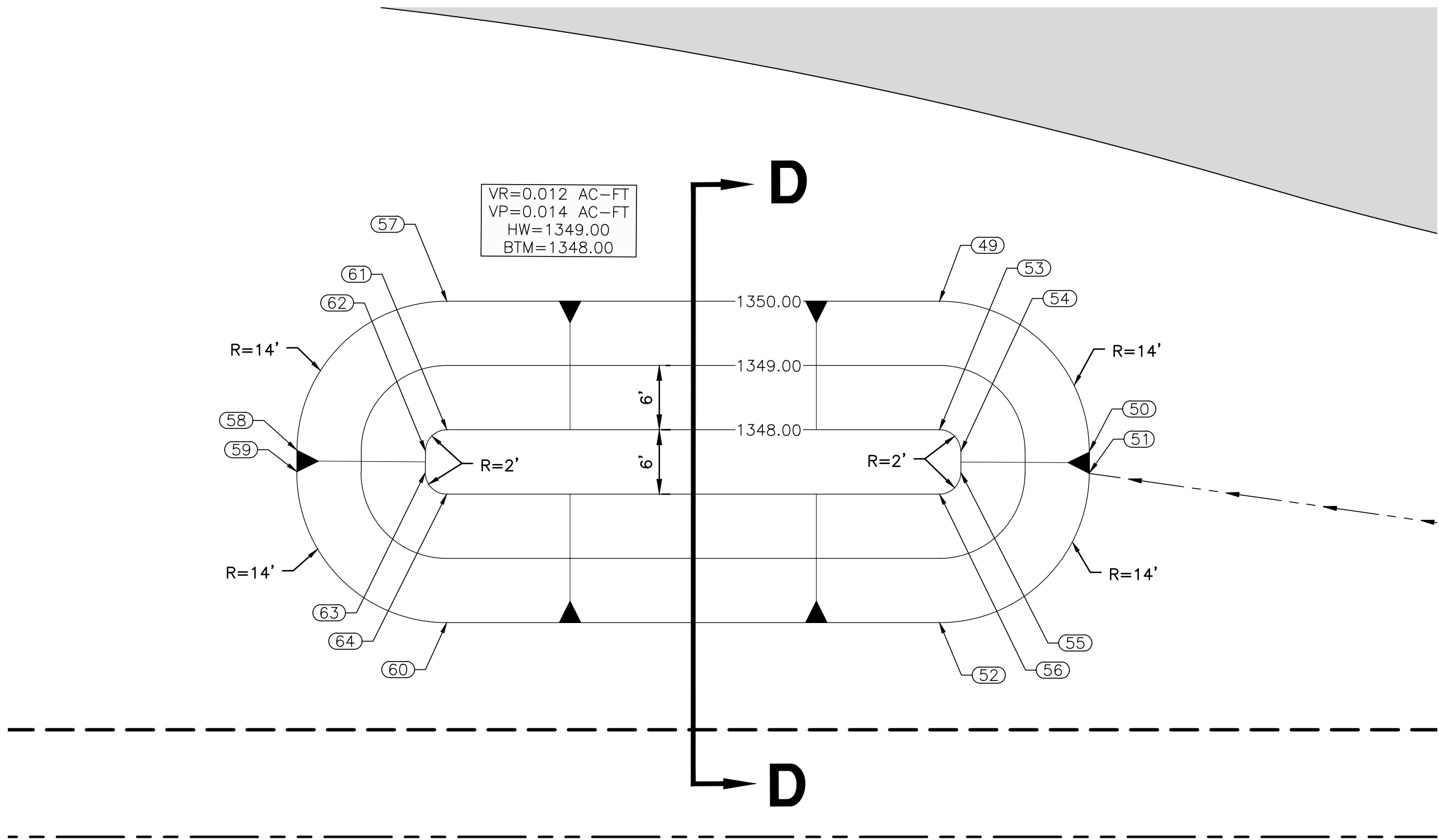
RB G - JOMAX ROAD

SEE SHEETS 19 & 55
SCALE: 1"=10' H



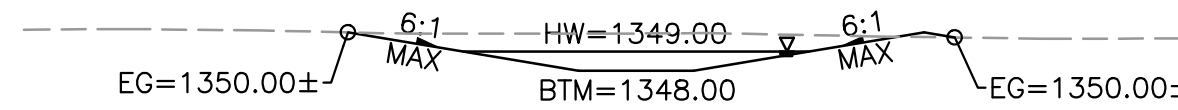
SECTION G-G

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



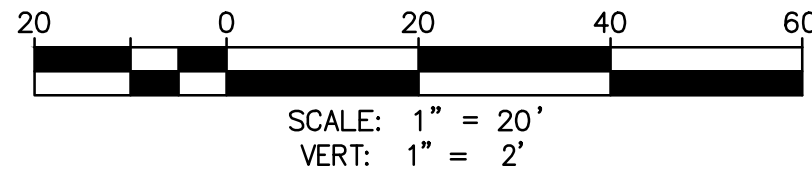
RB D - DYSART RD

SEE SHEETS 37
SCALE: 1"=10' H



SECTION D-D

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



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

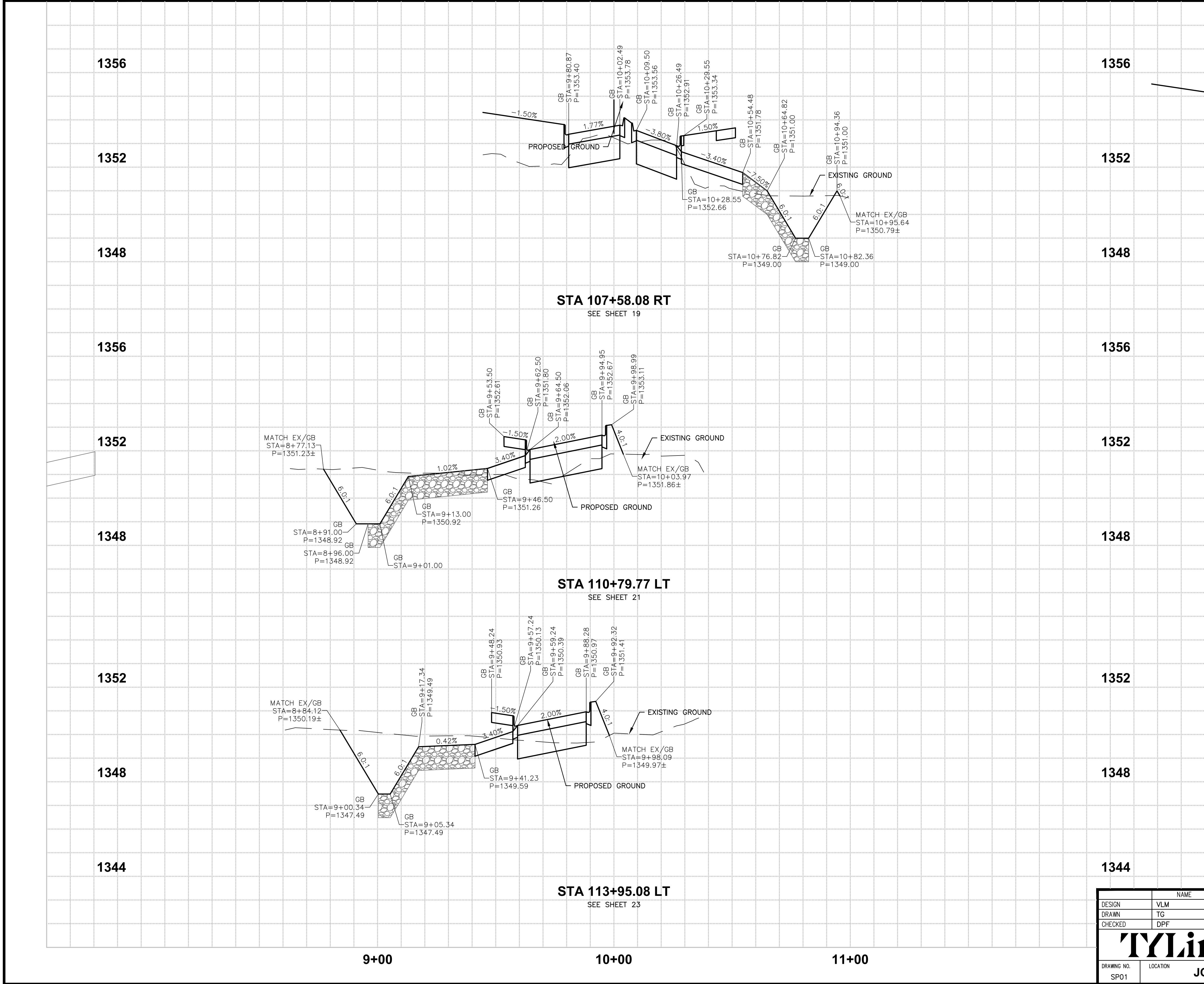
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NO.	REVISION	BY	APPR	DATE

DESIGN VLM 10/25 DRAWN TG 10/25 CHECKED DPF 10/25	NAME		DATE
	CITY OF PEORIA ENGINEERING DEPARTMENT		10/25
	RETENTION BASIN DETAIL		10/25
DRAWING NO. RB03	LOCATION JOMAX RD - DYSART RD TO 126TH DR		PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING SHEET 54 OF 62



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

200

0

20

40

60

SCALE: 1" = 20'
VERT: 1" = 2'

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

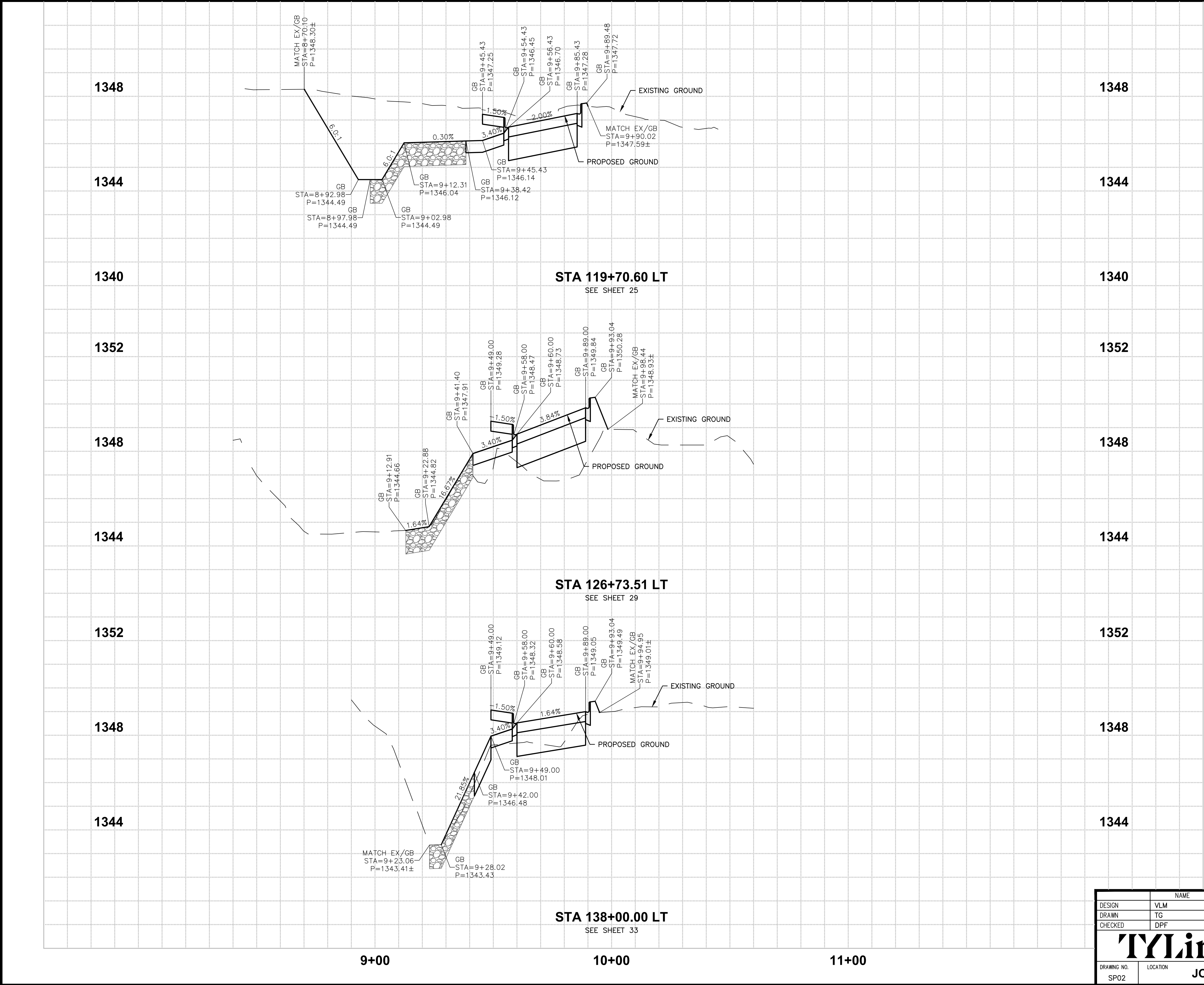
NO.	REVISION	BY	APPR	DATE

DESIGN	VLM	DATE	10/25
DRAWN	TG	DATE	10/25
CHECKED	DPF	DATE	10/25
TYLin			
DRAWING NO.	SP01		
LOCATION	JOMAX RD - DYSART RD TO 126TH DR		

CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
SCUPPER PROFILE	

SHEET	55	OF	62
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T:\0\TYLin-PHX\3010\01000625\002\600_DysartHighway\04_Sheets\P65410_BD_ScupperProfiles.dwg 10/10/2025 10:47:01 AM Dan Fromm TY Lin Half Scale.ctb



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

200

0

20

40

60

SCALE: 1" = 20'
VERT: 1" = 2'

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

ARIZONA 811

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NO.	REVISION	BY	APPR	DATE

DESIGN

VLM

10/25

DRAWN

TG

10/25

CHECKED

DPF

10/25

TYLin

DRAWING NO. SP02

LOCATION JOMAX RD - DYSART RD TO 126TH DR

CITY OF PEORIA

ENGINEERING DEPARTMENT

SCUPPER PROFILE

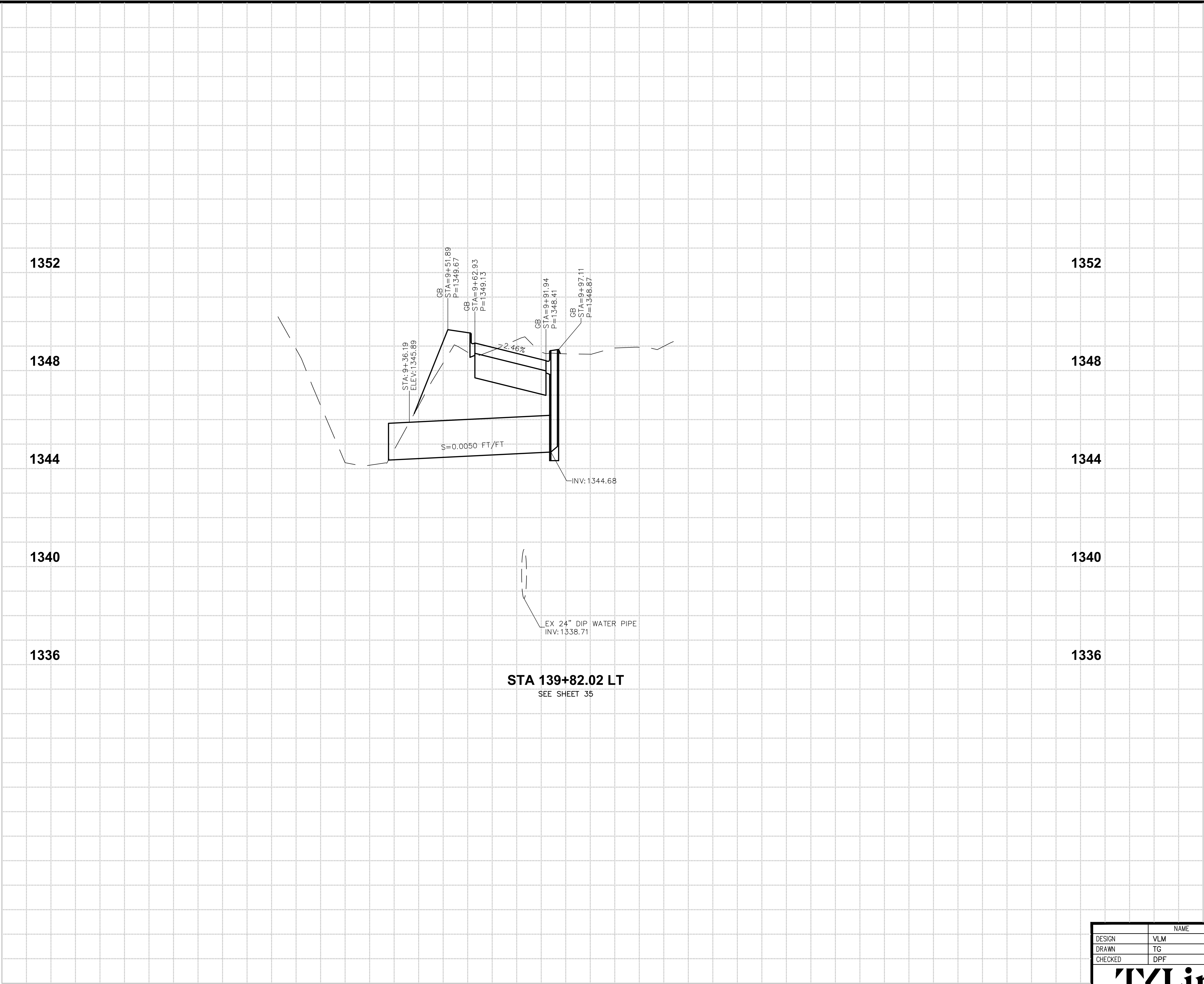
PRELIMINARY

60%

NOT FOR CONSTRUCTION OR RECORDING

SHEET 56 OF 62

T:\0\TYLin-PHX\3010\01000625.002\600_D50NHighway\04_Sheets\P65410_BD_ScupperProfiles.dwg 10/10/2025 10:47:17 AM Dan Fromm TY Lin Half Scale.ctb



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

1352

1348

1344

1340

1336

1352

1348

1344

1340

1336

200

0

20

40

60

SCALE: 1" = 20'

VERT: 1" = 2'

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

PEORIA

ARIZONA

NO.	REVISION	BY	APPR	DATE

DESIGN

DRAWN

CHECKED

NAME

TG

DPF

DATE

10/25

10/25

10/25

TYLin

DRAWING NO. SP03

LOCATION JOMAX RD - DYSART RD TO 126TH DR

CITY OF PEORIA

ENGINEERING DEPARTMENT

SCUPPER PROFILE

PRELIMINARY

60%

NOT FOR CONSTRUCTION OR RECORDING

SHEET 57 OF 62

T:\0\TYLin-PHX\3010\01000625\002\600_D50NHighway\04_Sheets\P65410_BD_ScupperProfiles.dwg 10/10/2025 10:47:31 AM Dan Fromm TY Lin Half Scale.ctb


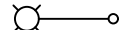


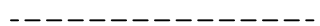



STREET LIGHTING GENERAL NOTES:

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.

STREET LIGHTING QUANTITIES:


STREET TYPE	QUANTITY	POLE TYPE	POLE LENGTH	MAST ARM	LUMENS	TYPE	WATTAGE	COLOR TEMPERATURE	VOLTAGE	CATALOG NUMBER
ARTERIAL	7	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	1	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

STREET LIGHTING LEGEND

-  NEW JUNCTION BOX
-  NEW ROADWAY LIGHT POLE
-  FUTURE ROADWAY LIGHT POLE
-  EXISTING ROADWAY LIGHT POLE
-  NEW STREET LIGHT CONDUIT
-  NEW SHARED ITS-SL TRENCH
-  FUTURE STREET LIGHT CONDUIT
-  CCTV CAMERA



NO.	REVISION	BY	APPR	DATE

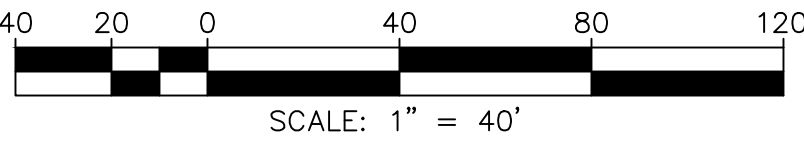
		NAME	DATE	CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY
DESIGN	CMF		10/25		60%
DRAWN	IF		10/25		
CHECKED	GT		10/25		
 Greenlight Traffic Engineering		STREET LIGHTING GENERAL NOTES, QUANTITIES AND LEGEND			NOT FOR CONSTRUCTION OR RECORDING
DRAWING NO. SL01	LOCATION	JOMAX RD - DYSART RD TO 126TH DR			SHEET 58 OF 62

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) - STREET LIGHTING (1-2.5" PVC) JOINT TRENCH PER COP STD DTL PE-070-2. INSTALL DETECTABLE PULL TAPE IN EACH ITS CONDUIT.
6	INSTALL 96-STRAND SINGLE MODE FIBER OPTIC CABLE SMFO (96) IN THE ITS CONDUIT.
7	INSTALL 2.5" PVC CONDUIT.
8	INSTALL 12-STRAND SINGLE MODE FIBER OPTIC CABLE SMFO (12) IN THE ITS CONDUIT.
9	INSTALL SPLICE CLOSURE AND SPLICE THE 96-SMFO WITH SMFO (12).
10	INSTALL (COP APPROVED) CCTV ON STREET LIGHT.
11	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.

STREET LIGHTING LEGEND

- NEW JUNCTION PULL BOX
- NEW ROADWAY LIGHT POLE
- FUTURE ROADWAY LIGHT POLE
- EXISTING ROADWAY LIGHT POLE
- NEW STREET LIGHT CONDUIT
- NEW SHARED ITS-SL TRENCH
- FUTURE STREET LIGHT CONDUIT
- CCTV CAMERA



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

ARIZONA 811

Arizona Blue Stake, Inc.

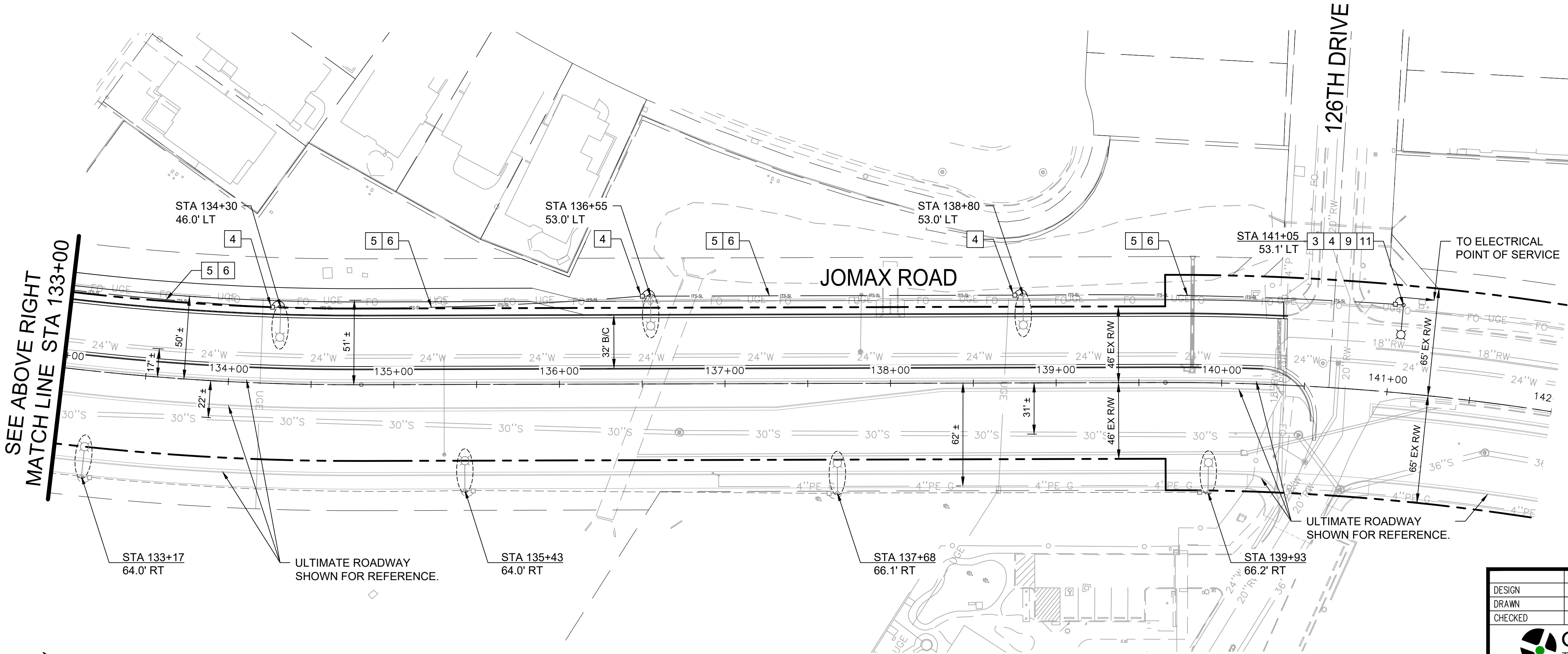
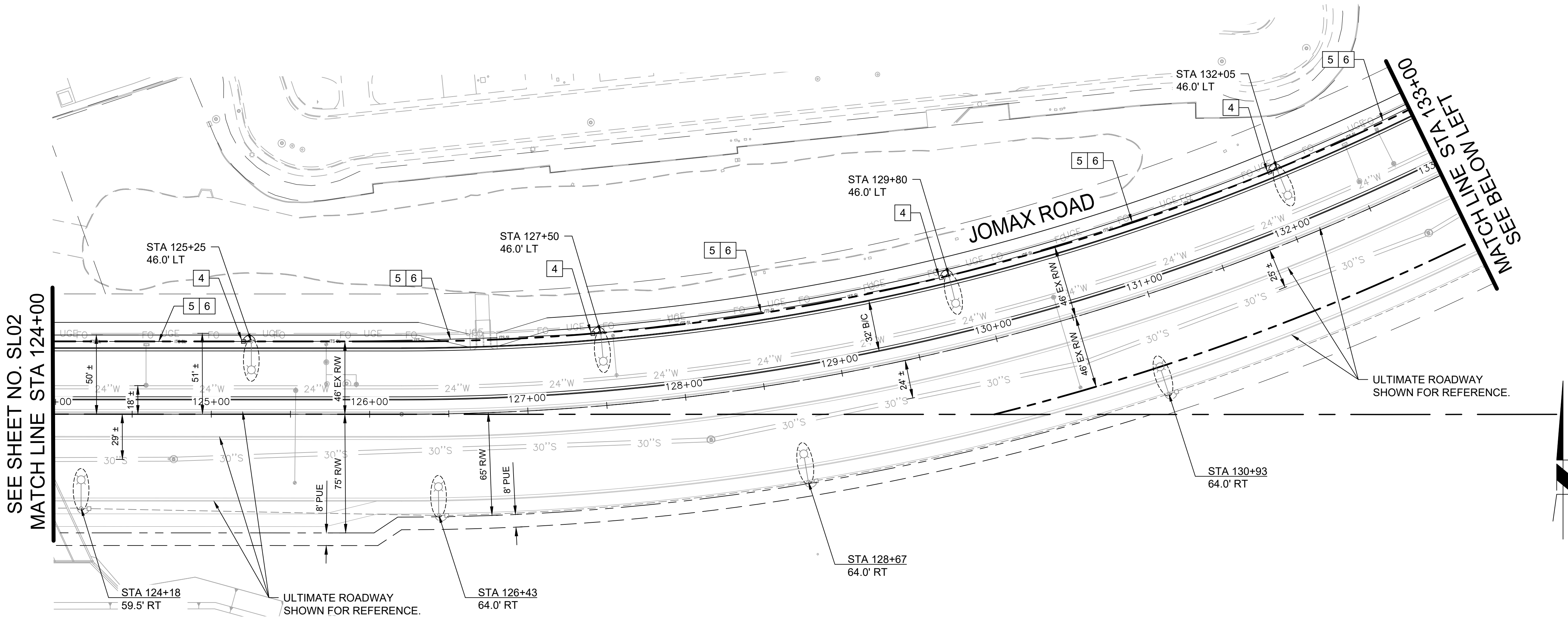
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100



NO.	REVISION	BY	APPR	DATE

DESIGN	NAME	DATE
DRAWN	CMF	10/25
CHECKED	IF	10/25
	GT	10/25
DRAWING NO.	LOCATION	
SL03	JOMAX RD - DYSART RD TO 126TH DR	

CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING
ROADWAY LIGHTING AND ITS LAYOUT	SHEET 60 OF 62



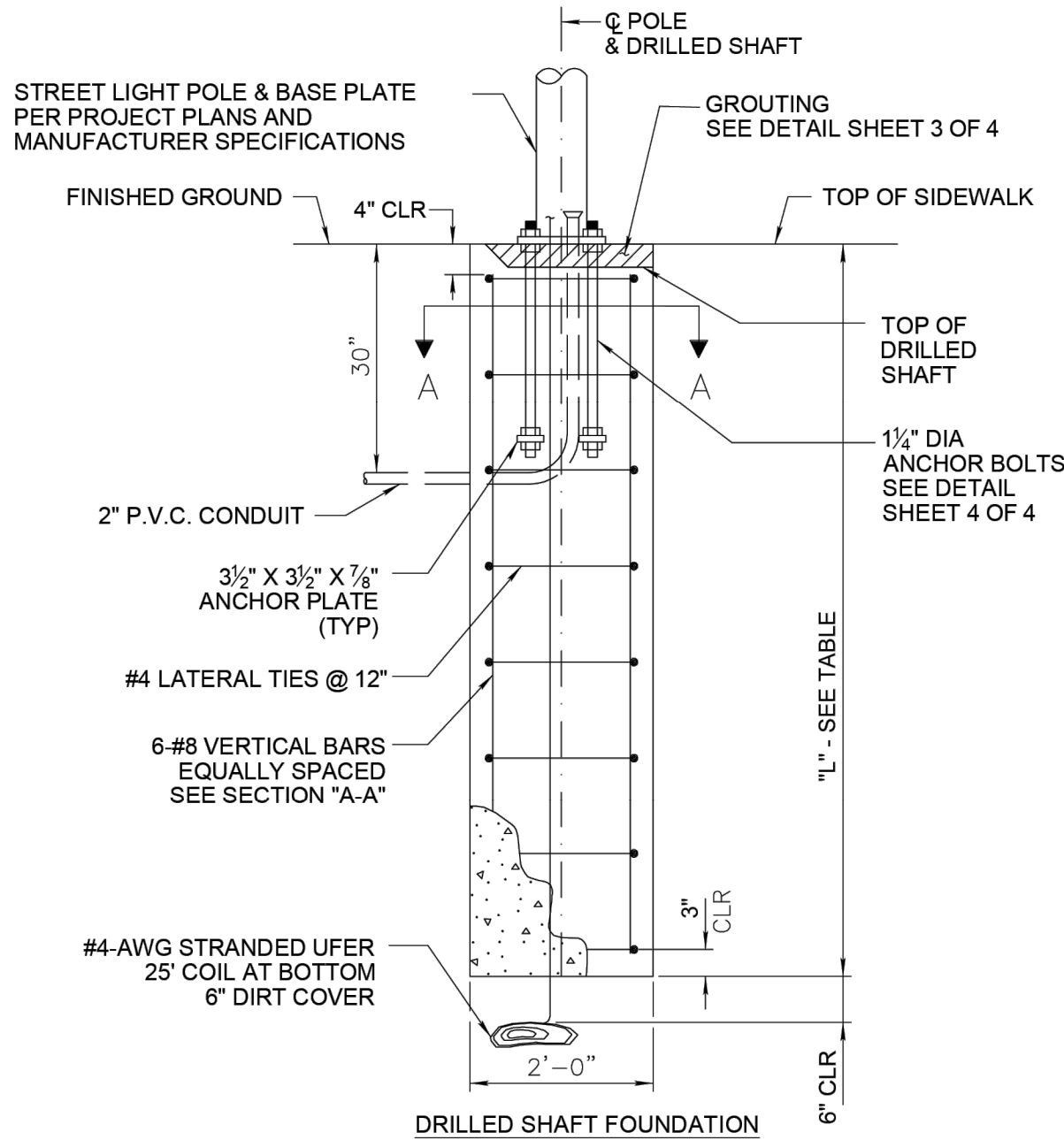
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	P65410			

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 ϕ DRILLED SHAFT. GROUND SLOPE BEYOND 6 FT OF ϕ 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.



3/23/23

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

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



3/23/23

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

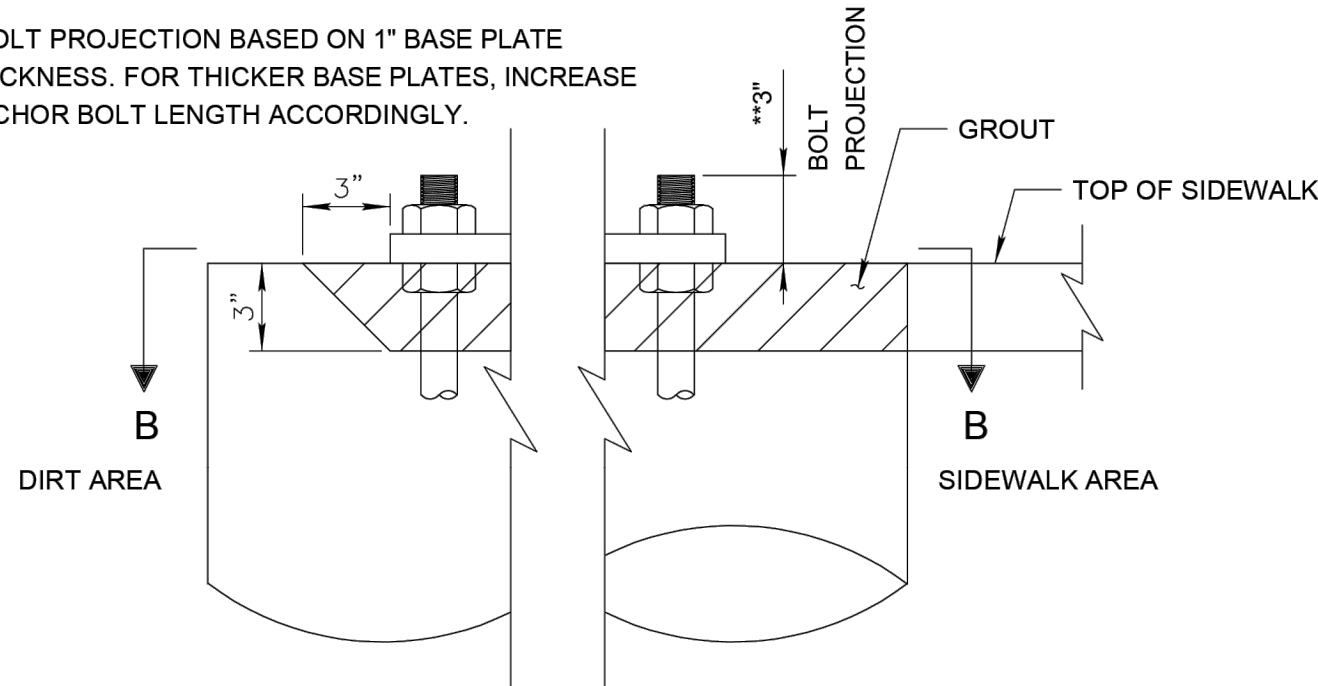
THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL

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	20'-0" X 5'-9" MAST ARM - TYPE "G" 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
	10'-0" X 3'-4" MAST ARM - TYPE "G" POLE
30' STEPPED AB POLE TYPE "G"	15'-0" X 4'-9" MAST ARM - TYPE "G" POLE
	20'-0" X 5'-9" MAST ARM - TYPE "G" POLE
	4' SINGLE MAST ARM FOR 5' SQUARE POLE
	8' SINGLE MAST ARM FOR 5' SQUARE POLE
32' SQUARE ANCHOR BASE POLE	4' SINGLE MAST ARM FOR 5' SQUARE POLE
	8' SINGLE MAST ARM FOR 5' SQUARE POLE

DESIGN NOTES:

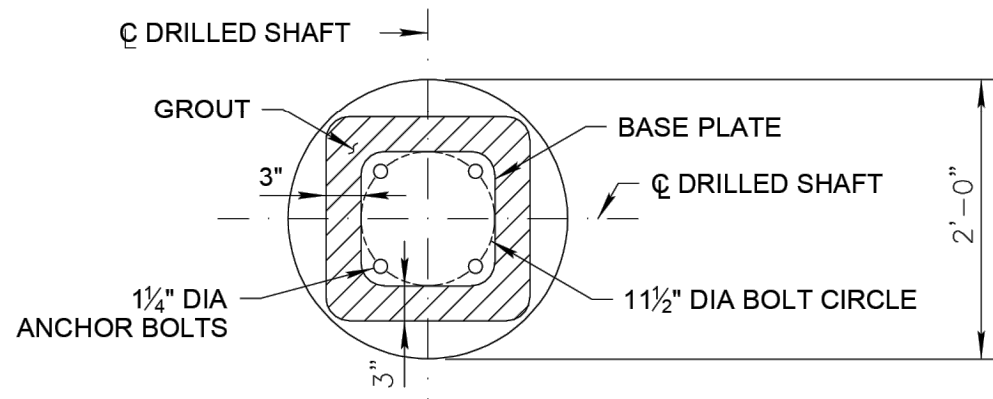
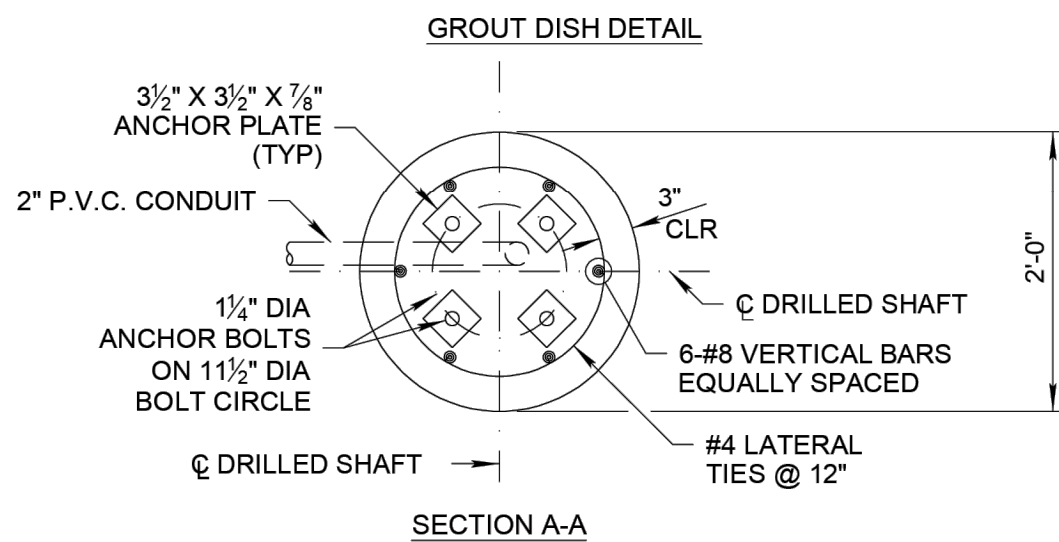
- FOUNDATION DESIGNED IN ACCORDANCE WITH "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS", 6TH EDITION, 2013 WITH REVISIONS THROUGH 2020.
- DESIGN CRITERIA: WIND SPEED: 90 MPH.
- SOIL PROPERTIES: ANGLE OF INTERNAL FRICTION: 25 DEG. UNIT WEIGHT: 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.

**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.



9/20/22

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

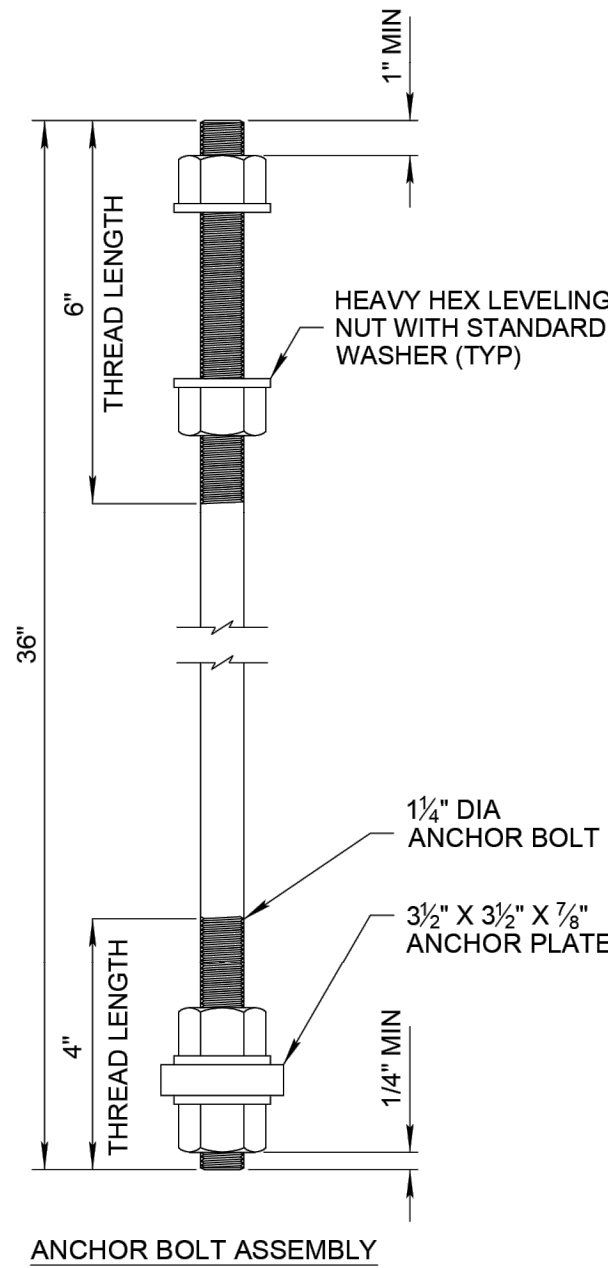
THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE REVISION DATE LOCATED NEXT TO THE CITY SEAL



5/1/2023

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

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




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.



NO.	REVISION	BY	APPR	DATE

		NAME	DATE	CITY OF PEORIA ENGINEERING DEPARTMENT	PRELIMINARY 60%
DESIGN		CMF	10/25		
DRAWN		IF	10/25		
CHECKED		GT	10/25		
 Greenlight Traffic Engineering		LIGHTING DETAILS			NOT FOR CONSTRUCTION OR RECORDING
DRAWING NO. SL05	LOCATION JOMAX RD - DYSART RD TO 126TH DR			SHEET 62 OF 62	