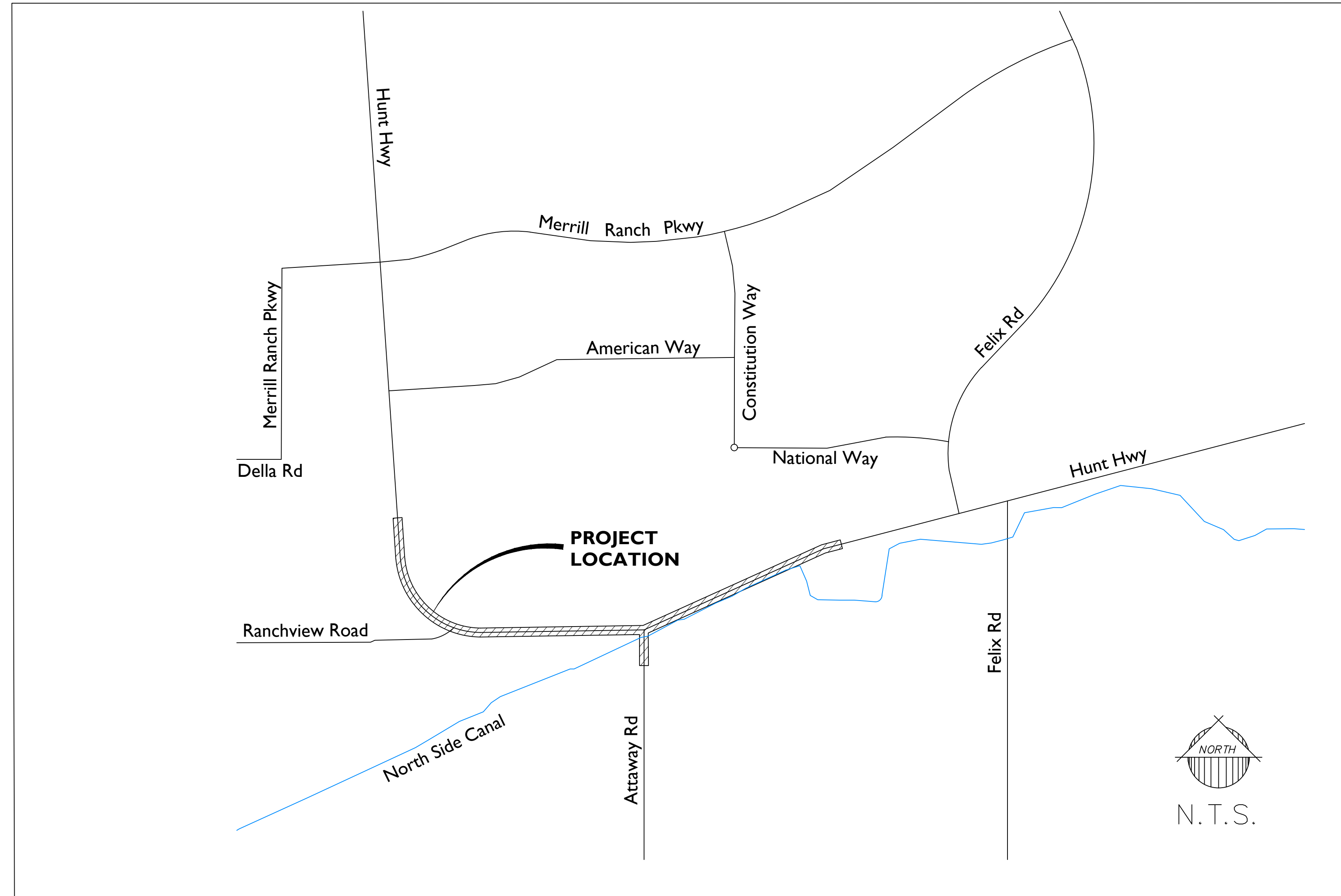


21-1365.03 - Hunt Highway & Attaway Road

HUNT HIGHWAY & ATTAWAY ROAD

**A PORTION OF SECTIONS 25 AND 36, TOWNSHIP 4 SOUTH, RANGE 8 EAST,
AND A PORTION OF SECTIONS 30 AND 31, TOWNSHIP 4 SOUTH, RANGE 9 EAST,
GILA AND SALT RIVER MERIDIAN, PINAL COUNTY, ARIZONA**



KEY MAP

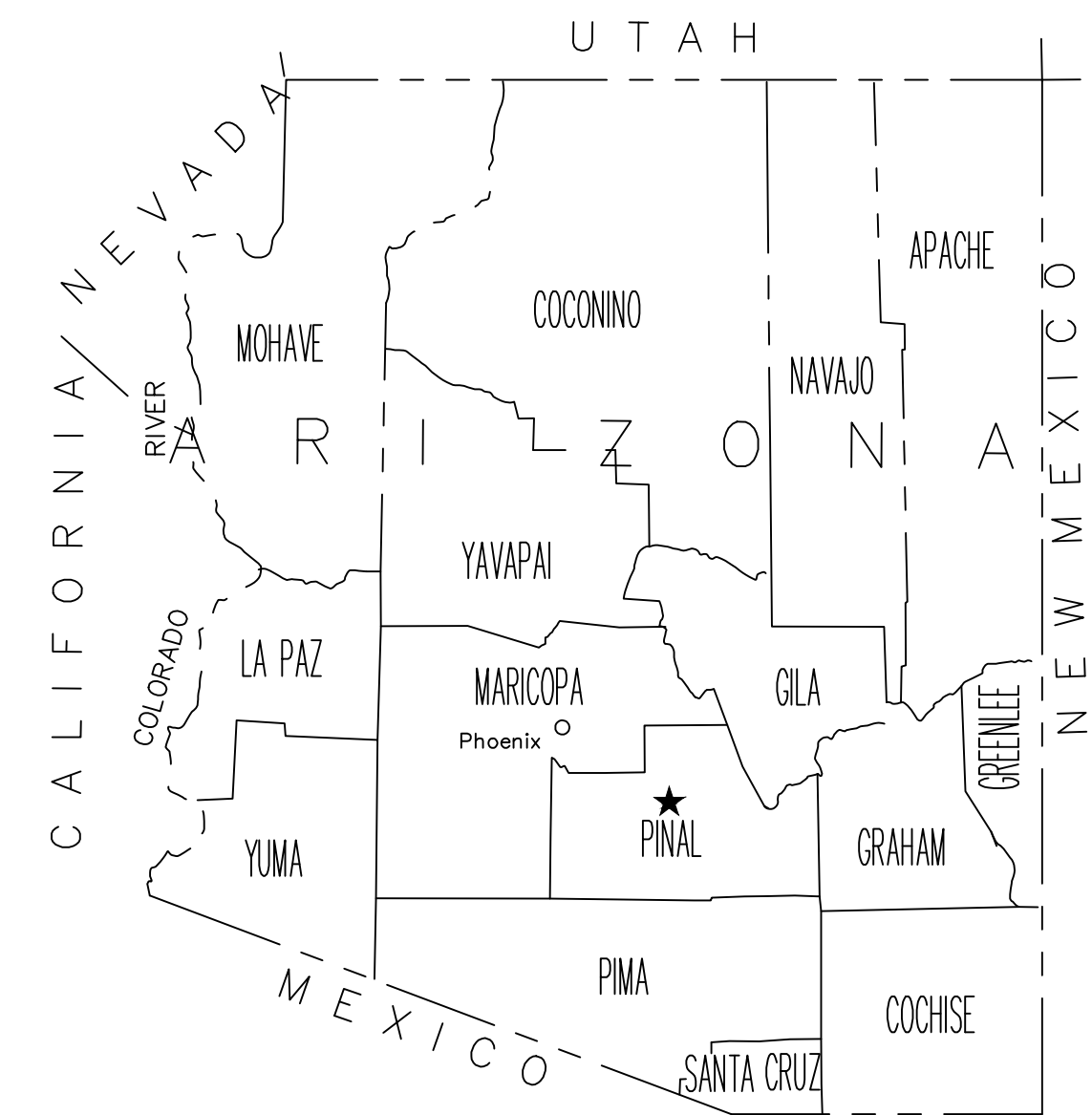
NOT TO SCALE

UTILITY COORDINATION LIST

DESCRIPTION	REPRESENTATIVE	PHONE
AT&T	JOE FORKERT	(714) 963-7964
APS	RHONDA MCSPERITT	(520) 421-8390
LUMEN	ROCKY VILLAREA	(XXX) XXX-XXXX
COX COMMUNICAITONS	JULIA BISSON	(602) 486-1355
ELECTRICAL DISTRICT NO. 2	GREG ELLIS	(520) 759-0082
SAN CARLOS IRRIGATION DISTRICT	KYLE VARVEL	kyle.varvel@bia.gov
SOUTHWEST GAS	SCOTT SUASO	(480) 730-3843
SRP	PAUL GRANT	(602) 236-6310
ZAYO GROUP	JAMES THACKER	JAMES.THACKER@ZAYO.COM

SHEET INDEX

DESCRIPTION	SHEET NO	
COVER SHEET	1	CS01
NOTES SHEET	2	CS02
TYPICAL SECTIONS SHEET	3	CS03
SIDEWALK RAMP STAKING SHEETS	4–5	DT01–DT02
SCUPPER DETAIL SHEETS	6–7	DT03–DT04
GEOMETRIC CONTROL SHEET	8	CS04
INDEX SHEET	9	ID01
ROADWAY REMOVALS SHEETS	10–18	RM01–RM09
ROADWAY PLAN & PROFILE SHEETS	19–28	PP01–PP10
DRAINAGE CULVERT PLAN & PROFILE SHEET	29	DR01
SIGNING & PAVEMENT MARKING SHEETS	30–35	SS01–SS06
TRAFFIC SIGNAL SHEET	36 - 37	TS01–TS02



VICINITY MAP

NOT TO SCALE

APPROVALS

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

TOWN OF FLORENCE ENGINEER

DATE _____

RECORD DRAWING CERTIFICATION

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

REGISTERED PROFESSIONAL ENGINEER

DATE _____

ENGINEER

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

GENERAL NOTES

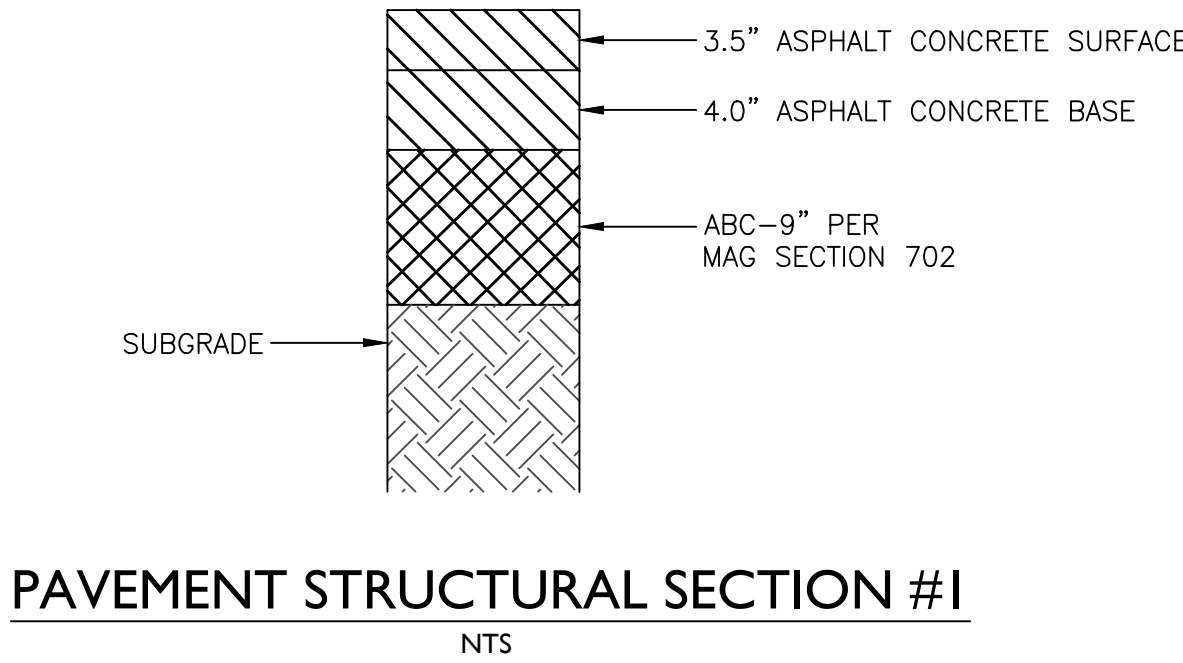
- ALL PUBLIC IMPROVEMENT CONSTRUCTION WITHIN THE TOWN OF FLORENCE PUBLIC ROW AND ONSITE SHALL BE CONDUCTED IN ACCORDANCE WITH, AND CONFORM TO, THE LATEST EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, BOTH AS PUBLISHED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS (MAG).
- INSPECTION OF WORK PER MAG 105.10: THE ENGINEER SHALL BE PERMITTED TO INSPECT ALL MATERIALS, AND EACH PART OR DETAIL OF THE WORK AT ANY TIME FOR THE PURPOSE OF EXPEDITING AND FACILITATING THE PROGRESS OF WORK. HE SHALL BE FURNISHED WITH SUCH INFORMATION AND ASSISTANCE BY THE CONTRACTOR, AS IS REQUIRED TO MAKE A COMPLETE AND DETAILED INSPECTION. THE TOWN ENGINEER REQUIRES THAT THE ACTUAL TEST RESULT DATA SHEET ACCOMPANY ALL COMPACTION TEST RESULTS SUBMITTED TO THE TOWN'S INSPECTOR. PASS/FAIL STATEMENTS ARE NOT ACCEPTABLE WITHOUT THE ATTACHED DATA SHEET. FAILURE TO SUBMIT THE TEST RESULT DATA SHEETS WILL RESULT IN AN INCOMPLETE SUBMITAL AND THE TEST WILL BE REJECTED.
- IN THE EVENT OF CONFLICT BETWEEN MAG STANDARD SPECIFICATIONS AND DETAILS AND THESE PLANS, THESE PLANS SHALL PREVAIL.
- THE OFFICE OF THE TOWN ENGINEER SHALL BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK WITHIN THE TOWN OF FLORENCE ROW. TELEPHONE:520-868-7617.
- CONTRACTOR IS TO NOTIFY ALL PUBLIC UTILITIES AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, FOR FIELD LOCATIONS OF THEIR RESPECTIVE FACILITIES, BY CONTACTING THE FOLLOWING: BLUE STAKE:1-800-782-5348.
- CONTRACTOR SHALL IDENTIFY, COORDINATE AND MAKE ARRANGEMENTS FOR RELOCATION OF ANY UTILITIES CONFLICTING WITH THE PROPOSED CONSTRUCTION OF THESE PLANS, WITH THE APPROPRIATE UTILITY.
- IDENTIFICATION, REMOVAL AND REPLACEMENT OF ALL TREES, SHRUBS, VEGETATION, MISCELLANEOUS STRUCTURES, DEBRIS, RUBBLE AND OTHER DELETERIOUS MATERIALS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE AT THE CONTRACTOR'S EXPENSE.
- ALL CONCRETE SIDEWALKS, DRIVEWAYS, APRONS, CROSS-PANS, VALLEY GUTTER, CURBS AND GUTTERS LANDSCAPING AND IRRIGATION THAT MAY BE DAMAGED DURING THE COURSE OF CONSTRUCTIONS SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. SHORING IS TO BE INSTALLED OR A TRENCH BOX IS TO BE USED, IN ALL TRENCHES IN EXCESS OF FIVE (5') FEET IN DEPTH. A REGISTERED CIVIL ENGINEER OR SOILS ENGINEER SHALL CERTIFY SHORING INSTALLATION PLANS, DETAILS AND SPECIFICATIONS. SHORING MUST CONFORM TO OSHA 29 CFR, PART 1926, AND SUBPART D.
- COMPACTION TESTING IS REQUIRED AND MUST BE PERFORMED IN THE PRESENCE OF A REPRESENTATIVE OF THE TOWN ENGINEER.
- BACKFILL: BACKFILL WITHIN THE PUBLIC UTILITY EASEMENTS AND WITHIN PUBLIC STREET ROW SHALL BE COMPACTED TO 95% OF MAXIMUM THEORETICAL DENSITY PER ASTM D698. ALL MATERIALS OUTSIDE THE MOISTURE LIMIT SHALL BE CONSIDERED UNSUITABLE, AND SUBJECT TO REMOVAL. NO HYDRAULIC COMPACTION OR WATER JET COMPACTION WILL BE ALLOWED. ALL COMPACTION MUST BE DONE BY MECHANICAL MEANS. MOISTURE LIMIT SPEC: 2.0 PERCENT BELOW OPTIMUM MOISTURE, MATERIAL SHALL BE UNIFORM.
- SUB GRADE: SUB-GRADE PREPARATION FOR ALL NEW STREETS AND ROADWAYS SHALL CONSIST OF SCARIFYING AND LOOSENING SUB-GRADE TO A DEPTH OF SIX (6") INCHES. SUB-GRADE SHALL BE CONSTRUCTED TO ACHIEVE UNIFORM MOISTURE CONTENT BY THE ADDITION OF WATER AND COMPACTED TO 95% OF MAXIMUM DENSITY. MOISTURE SHALL BE MAINTAINED BETWEEN OPTIMUM AND 4.0% BELOW OPTIMUM MOISTURE AND SHALL BE COMPACTED TO 95% ON MAXIMUM THEORETICAL DENSITY, AS DETERMINED BY ASTM D698. ALL MATERIALS OUTSIDE THE MOISTURE LIMIT AT THE TIME OF PLACEMENT AND COMPACTION SHALL BE CONSIDERED UNSUITABLE AND SUBJECT TO REMOVAL. THE FINISHED SURFACE OF THE SUB-GRADE SHALL NOT VARY FROM THE GRADES ESTABLISHED BY THE TOWN ENGINEER BY MORE THAN: 0.04' OF A FOOT ABOVE OR BELOW SPECIFIED GRADE.
- GRADING OF AGGREGATE BASES AND AGGREGATE SUB-BASE SHALL BE AS FOLLOWS: AGGREGATE MATERIALS SHALL HAVE WATER ADDED TO THEM AND SHALL BE MIXED AND PROCESSED TO PRODUCE A UNIFORM BLEND OF MATERIAL BEFORE PLACEMENT. AFTER PROCESSING, THE MATERIAL SHALL BE PLACED AND SPREAD ON THE PREPARED SUB-GRADE AND SHALL BE PLACED IN A UNIFORM LAYER OR LAYERS NOT EXCEEDING SIX (6") INCHES IN COMPACTED DEPTH, UNLESS OTHERWISE APPROVED IN WRITING BY THE TOWN ENGINEER. EACH LAYER OF AGGREGATE BASE SHALL BE COMPACTED TO A DENSITY OF NOT LESS THAN 100% OF THE MAXIMUM DENSITY. THE FINISHED SURFACE OF THE SUB-GRADE SHALL NOT VARY FROM THE GRADES ESTABLISHED BY THE TOWN ENGINEER BY MORE THAN: 0.04' OF A FOOT ABOVE OR BELOW SPECIFIED GRADE.
- COMPACTION TESTING FOR SUB-GRADE WILL BE DONE AFTER THE SUB-GRADE HAS BEEN STRING LINED AND IS WITHIN TOLERANCE AND ACCEPTED BY THE TOWN ENGINEER. THE TOWN ENGINEER OR HIS REPRESENTATIVE WILL DETERMINE THE NUMBER AND LOCATION OF DENSITY TESTS. ALL SUB-GRADES SHALL HAVE A BLUE-TOE ELEVATION SET TO FINISHED GRADE AND LEFT AND RIGHT EDGES OF PAVEMENT, AND CENTERLINE OF ROADWAY.
- ONE (1) SAND CONE TEST SHALL BE REQUIRED FOR EVERY TEN (10) NUCLEAR DENSITY TESTS PERFORMED, OR WHEN REQUESTED BY THE TOWN ENGINEER OR HIS REPRESENTATIVE. THE TOWN ENGINEER OR ENGINEER'S REPRESENTATIVE SHALL DETERMINE THE LOCATIONS OF THESE SAND CONE TESTS.
- ALL MATERIALS, INCLUDING BUT NOT LIMITED TO AGGREGATE BASE COURSE, BORROW MATERIAL AND NATIVE MATERIAL, WILL BE ACCEPTED IN PLACE ONLY. TESTING REQUIRED FOR ACCEPTANCE WILL INCLUDE A SIEVE ANALYSIS AND PLASTICITY INDEX. (P.I.). DETERMINATION OF MAXIMUM THEORETICAL DENSITY WILL BE IN ACCORDANCE WITH ASTM D698. ONLY A FOUR-POINT PROCTOR TEST WILL BE ACCEPTED.
- THE BASE COURSE SHALL NOT BE PLACED ON SUB-GRADE UNTIL THE TOWN ENGINEER HAS ACCEPTED THE SUB-GRADE. ALL MATERIALS WILL BE ACCEPTED IN PLACE ONLY. COMPACTION DENSITIES: MAG TYPE I BACKFILL MATERIAL (SECTION 601.4.4) IS MODIFIED TO INCLUDE AREAS UNDER THE PAVEMENT, ROW, AND EASEMENTS FOR ALL TRENCHES INCLUDING SEWER, WATER, ELECTRIC, AND GAS, TELEPHONE, AND STORM DRAINS, MOISTURE SPEC. 2.0 PERCENT BELOW OPTIMUM MOISTURE COMPACT TO 95% OF MAXIMUM THEORETICAL DENSITY. ALL MATERIALS OUTSIDE THE MOISTURE SPEC-LIMIT SHALL BE CONSIDERED UNSUITABLE, SUBJECT TO REMOVAL AND MATERIAL SHALL BE UNIFORM.
- THE LOCATION OF ALL SEWER STUB-OUTS SHALL BE STAMPED ON THE TOP OF VERTICAL CURB, AND FACE OF ROLLED CURBS, WITH A FOUR (4") INCH HIGH LETTERS (IE: "S").
- ALL CURB, GUTTER AND SIDEWALK EXPANSION JOINT FILLER WILL BE 3/8" BITUMINOUS PRE-MOLDED STRIPS. ALL EXPANSION JOINT SPACING SHALL NOT EXCEED A MAXIMUM OF (50') FEET OR AS DIRECTED BY THE TOWN ENGINEER. CONCRETE CURING COMPOUND MATERIAL SHALL BE A WHITE PIGMENT MEMBRANE USED ON ALL CONCRETE STRUCTURES INCLUDING CURB & GUTTER, SIDEWALK, HEADWALL, CATCH BASINS AND SIDEWALK RAMPS.
- PAVING WILL NOT COMMENCE UNTIL AGGREGATE BASE COURSE COMPACTION AND GRADATION TESTS ARE COMPLETED AND THE TOWN ENGINEER ACCEPTS THE RESULTS.
- USPS CLUSTER MAIL BOX LOCATIONS MUST BE PRE-DETERMINED AND NOTED ON THE CIVIL PLANS FOR GRADING AND PAVING. ADD CLUSTER BOXES TO THE LEGEND AND IN CONSTRUCTION NOTES. CLUSTER BOX LOCATIONS SHOULD BE SHOWN ON THE "OVERALL SEWER/WATER/HYDRANT/STREETLIGHT PLAN."
- MEDIAN CURB & GUTTER BULL NOSE SHALL BE PAINTED YELLOW, WITH REFLECTIVE GLASS BEADS, PER M. A. G. DTL-223, AND HAVE YELLOW PAVEMENT REFLECTORS INSTALLED AFTER THE PAINTING IS COMPLETE.

PAVING NOTES

- ALL GRADING, EXCAVATION, PAVING, TRENCHING, PIPE BEDDING AND BACKFILL SHALL COMPLY WITH THE RECOMMENDATIONS SET FORTH IN THE SOILS (GEO-TECHNICAL) REPORT FOR THIS PROJECT AND THE REFERENCED REQUIRED SPECIFICATIONS AND DETAILS. SOILS REPORT AND PAVEMENT DESIGN WERE PREPARED: BY: XXXX, JOB NUMBER: XXXX, DATED: XXX. XX, 2024.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS AND HORIZONTAL CONTROLS OF ALL EXISTING UTILITIES AT POINT OF TIE-IN PRIOR TO COMMENCING ANY NEW CONSTRUCTION. SHOULD ANY LOCATION, ELEVATION OR CONTROL DIFFER FROM THAT SHOWN ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE OWNER'S AGENT.
- THE CONTRACTOR SHALL GIVE MINIMUM 72-HOURS NOTICE TO THE TOWN ENGINEER PRIOR TO ANY CONSTRUCTION ACTIVITY WITHIN THE ROW.
- THE TOWN ENGINEER, OR HIS/HER AUTHORIZED REPRESENTATIVE, MUST APPROVE ALL PLAN REVISIONS IN WRITING PRIOR TO CONSTRUCTION OF ANY CHANGES TO APPROVED PLANS.
- UPON COMMENCEMENT OF WORK, TRAFFIC CONTROL DEVICES PER THE APPROVED TRAFFIC CONTROL PLAN (TCP) SHALL BE POSTED AND MAINTAINED BY THE CONTRACTOR UNTIL SUCH TIME AS WORK IS COMPLETED.
- REMOVAL AND RELOCATION OF ALL MAILBOXES, FENCES, SIGNS, GATES, POSTS, PIPES, ETC., WITHIN THE ROW AND CONSTRUCTION LIMITS SHALL BE DIRECTED BY THE TOWN ENGINEER.
- 25 MPH SPEED LIMIT SIGNS SHALL BE LOCATED AT ALL ENTRANCES INTO A RESIDENTIAL SUBDIVISION DEVELOPMENT. 35 MPH SIGNS FOR COLLECTORS SHALL BE LOCATED PER THE PLANS.
- CONCRETE COLLARS, ON ALL UTILITY AND SURVEY MONUMENT FRAME ADJUSTMENTS, ARE TO BE INSTALLED FLUSH WITH THE PROPOSED OR EXISTING PAVEMENT. CONTRACTOR SHALL PRESERVE LOCATION OF ANY/ALL PRE-EXISTING SURVEY MONUMENTS, AND PROVIDE FOR RE-INSTALLATION OF SAID SURVEY MONUMENT.
- PAINT FOR PAVEMENT MARKING AND STRIPING SHALL BE THERMAL TRAFFIC PAINT APPLIED IN A SINGLE COAT AT A RATE OF 100 TO 110 SQ. FEET PER GALLON WITH REFLECTIVE BEADS INCLUDED.
- STREET CUTS ON ASPHALT PAVEMENT: CUT EXISTING PAVEMENT AT ONE (1') FOOT FROM THE UTILITY TRENCH CUT, PER MAG DETAIL 200 TYPE (T) TOP; TACK EDGES (USING A19MM PER MAG SECTION710 ASPHALTIC CONCRETE HOT MIX). ASPHALT CONCRETE SHALL BE TESTED FOR COMPACTION TO 95%. THE CONTRACTOR, AT THEIR EXPENSE, WILL HAVE A PRIVATE LAB CORE SAMPLE AND RUN A MARSHALL FOR COMPACTION TEST FOR ACCEPTANCE ON ALL STREET CUTS. ALL REPLACEMENT PAVEMENTS SHALL MATCH EXISTING, UNLESS AUTHORIZED IN WRITING BY THE TOWN ENGINEER.
- ALL CONSTRUCTION AND TEST METHODS SHALL BE IN CONFORMANCE WITH THE TOWN OF FLORENCE AND MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARDS SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.
- ASPHALTIC CONCRETE SHALL CONFORM TO MAG USSD SECTION 710 MIX SPECIFICATIONS.
- ALL CONCRETE SHALL COMPLY WITH MAG SECTION 725, CLASS-A 3000-PSI COMPRESSIVE STRENGTH AT 28 DAYS, UNLESS OTHERWISE SPECIFIED IN CONSTRUCTION PLANS. CONTRACTOR SHALL SUPPLY MIX DESIGN TO THE TOWN ENGINEER FOR APPROVAL PRIOR TO PLACEMENT. CONTRACTOR SHALL SUPPLY A COPY OF EACH BATCH TICKET TO THE TOWN ENGINEER OR HIS REPRESENTATIVE.
- A COPY OF THE TOWN APPROVED PLANS MUST BE KEPT ON-SITE AT ALL TIMES, DURING THE COURSE OF CONSTRUCTION.
- ALL NEWLY CONSTRUCTED PAVEMENTS SHALL RECEIVE AN APPLICATION OF SEALANT (SS1H), APPROVED IN ADVANCE BY THE TOWN ENGINEER AND PRIOR TO ACCEPTANCE INTO A WARRANTY PERIOD. HYDRANT REFLECTORS SHALL BE INSTALLED AFTER THE APPLICATION OF THE SEALANT.
- IN THE EVENT OF ANY DISPUTE BETWEEN THESE PLANS AND MAG STANDARD SPECIFICATIONS, THESE APPROVED PLANS SHALL PREVAIL.
- THE CONTRACTOR IS RESPONSIBLE FOR FINAL ADJUSTMENT OF ALL MANHOLES, VALVES, CLEAN-OUTS, WATER METER BOXES, J-BOXES, ETC., AND RESTORATION OF CONSTRUCTION SITE TO MAG STANDARDS, INCLUDING ROW GRADING.
- ENGINEER'S TESTING OF A/C MIX PRIOR TO PLACEMENT IS REQUIRED AND RESULTS ARE TO BE DELIVERED TO THE TOWN ENGINEER OR HIS REPRESENTATIVE PRIOR TO PAVING.
- ROLLING PATTERNS REQUIRED BY THE GEO-TECHNICAL TESTING FIRM SHALL ALSO BE SUPPLIED TO THE TOWN ENGINEER'S REPRESENTATIVE.
- CORE TESTING OF NEWLY CONSTRUCTED ASPHALT CONCRETE SURFACES MAY BE REQUIRED AT THE DISCRETION OF THE TOWN ENGINEER. CORE TESTS ARE MANDATORY, ALONG WITH SUPPORTING MARSHALL TEST RESULTS, FOR ALL EXISTING ROADWAYS WHERE STREET CUTS ARE NECESSARY.
- PROTECTION OF VALLEY GUTTERS, CROSS-PANS AND APRONS DURING PAVING OPERATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND ALL DAMAGED CONCRETE SHALL BE REPLACED PRIOR TO ACCEPTANCE.
- TACK SEAL SHALL BE REQUIRED BETWEEN LIFTS UNLESS SECOND LIFT IS APPLIED ON THE SAME DAY AS FIRST LIFT AND ALL VERTICAL CONCRETE SURFACES PRIOR TO PLACEMENT OF ASPHALT. THIS REQUIREMENT ALSO APPLIES TO VERTICAL ASPHALTIC CONCRETE SURFACES AND AT ALL JOINTS OF NEW LIFTS.
- THE SURVEYOR SHALL PERFORM INSTALLATION AND STRADDLING OF MONUMENTS. ONCE STAMPED, DATUM SHALL BE PART OF THE AS-BUILT PLANS.
- STREET SIGN BASES, POLES AND SIGNS SHALL BE INSTALLED PRIOR TO THE FINAL WALKTHROUGH AND ACCEPTANCE INTO ANY WARRANTY PERIOD.
- ALL WARNING, REGULATORY AND STREET NAME SIGNS MUST BE MANUFACTURED OF "ASTM D-4956-01A-TYPE IX SHEETING". ALL OTHER SIGNS MUST BE MANUFACTURED WITH "ASTM D-4956-01A-TYPE III SHEETING" WHICH WILL BE ATTACHED TO THE STANDARD SIGN ALUMINUM PLATES. SIGN IMAGING SHALL BE IN COMPLIANCE WITH THE REFLECTIVE SHEETING MANUFACTURER'S MATCHED COMPONENT SYSTEM. SIGN IMAGING SHALL CONSIST OF AN ACRYLIC BASED ELECTRONIC FILM ABLE TO BE CUT 3M 1170 SERIES OR EQUIVALENT OR SILK-SCREENED (DEPENDING ON THE QUANTITY OF SIGNAGE) WITH STANDARD HIGHWAY COLORS. IN ADDITION, A GRAFFITI-PROTECTIVE COATING, OF A PREMIUM PROTECTIVE OVERLAY FILM, 3M 1160 OR EQUIVALENT, SHALL BE USED ON ALL REGULATORY AND WARNING SIGNS. GRAFFITI PROTECTIVE COATING MUST BE DESIGNED TO COMPLY WITH THE UNDERLYING REFLECTIVE SHEETING MATCH COMPONENT SYSTEM.
- ROW GRADING SHALL BE COMPLETED PRIOR TO THE FINAL WALK-THROUGH AND SHALL BE HELD ONE (1") INCH BELOW BACK OF WALK (B/W) OR TOP OF CURB (T/C).
- PAVING AS-BUILT PLANS SHALL BE PREPARED BY THE DESIGN ENGINEER/CONTRACTOR AND SHALL CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS PRIOR TO REQUEST FOR FINAL INSPECTION, CERTIFICATE OF OCCUPANCY OR RELEASE OF ASSURANCE.
- FRESHLY PAVED FINISHED ROADWAY SHALL BE 1/4 "ABOVE THE LIP OF THE CONCRETE GUTTER". ASPHALT PAVING MACHINES SHALL BE EQUIPPED WITH AN ACTIVATED SCREED IN ORDER TO MAKE A FIRST PASS (RIBBON) OF 17" OR GREATER.
- SUB-GRADE PREPARATION FOR ALL SIDEWALKS, CURB AND GUTTER SHALL BE SCARIFIED AND LOOSENED TO A DEPTH OF 6", AND SHALL BE CONSTRUCTED TO ACHIEVE A UNIFORM MOISTURE BY THE ADDITION OF WATER. MOISTURE SHALL BE MAINTAINED 2.0 PERCENT ABOVE OPTIMUM MOISTURE PRIOR TO PLACEMENT OF CONCRETE, AND COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY. ALL MATERIALS OUTSIDE THE MOISTURE LIMIT SHALL BE CONSIDERED SUBJECT TO REMOVAL.

PAVING NOTES

- ANY PAVEMENT ADJACENT TO EXISTING ROW MUST MATCH THE EXISTING PAVEMENT DESIGN, UNLESS AUTHORIZED, IN WRITING, BY THE TOWN ENGINEER OR HIS/HER AUTHORIZED REPRESENTATIVE.
- FINISHED GRADE OF COMPACTED, FRESHLY PLACED ASPHALT, SHALL BE NO MORE OR NO LESS THAN 1/4" INCH ABOVE THE LIP OF THE GUTTER. NO DIESEL, OR OTHER CLEANING SOLVENTS, WILL BE APPLIED TO THE PAVING HOPPER, THE SCREED, OR THE AUGER IMMEDIATELY PRIOR TO BEGINNING OF THE PAVING OPERATION.
- PAVING PLAN AS-BUILTS: AS-BUILT PLANS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING: HORIZONTAL AND VERTICAL CONTROL, CHANGES TO ANY GRADE BREAK LOCATIONS, TOP OF CURB (T/C) ELEVATIONS AT EACH CURB RETURN, PROPERTY CORNER, GUTTER/FLOW LINE ELEVATIONS, SCUPPER AND CATCH
- Basin Inverts, Monumentation, Cross Slopes, Valley Gutter Flow Line Elevations, Hydrant Reflectors and Any and All Changes to the Approved Plans.



LEGEND

EXISTING

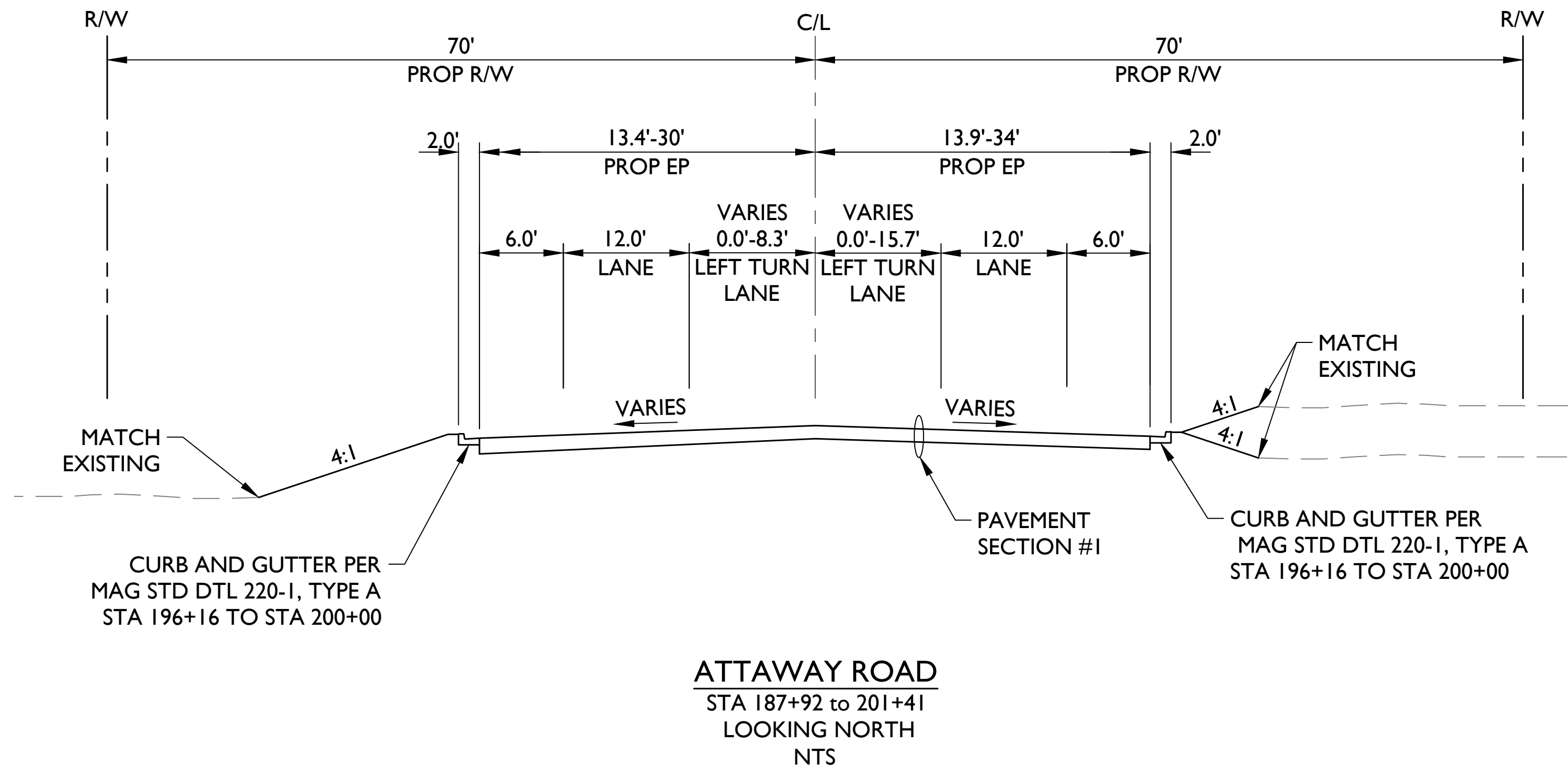
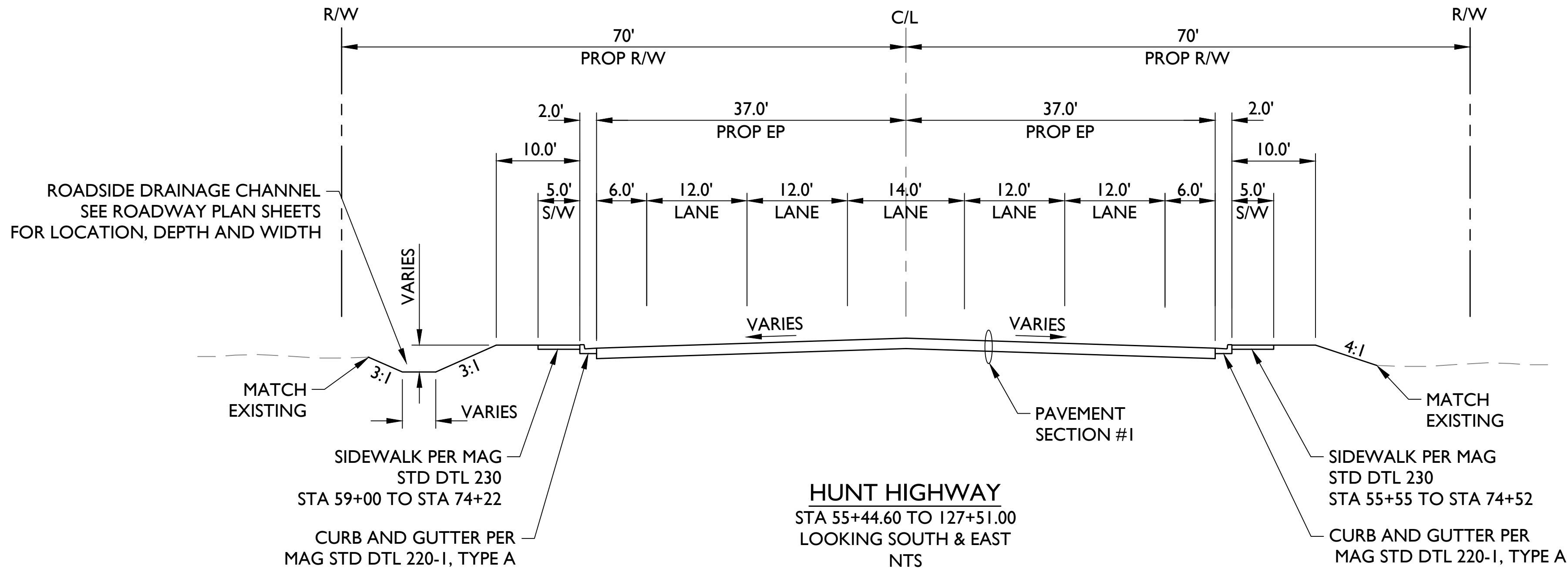
	FOUND MONUMENT, AS NOTED		PEDESTRIAN PUSH BUTTON
	WATER VALVE		TRAFFIC SIGNAL POLE
	GAS VALVE		FENCE
	WATER METER		VEGETATION
	FIRE HYDRANT		STORM DRAIN
	ELECTRICAL METER		DOWN GUY
	POWER POLE		TRANSFORMER
	FLEXIBLE DELINEATOR		BOX CULVERT
	ELECTRICAL MANHOLE		OVERHEAD ELECTRIC
	IRRIGATION MANHOLE		FIBER OPTIC
	STORM DRAIN MANHOLE		EDGE OF PAVEMENT
	SIGN		STREET LIGHT
	ELECTRICAL BOX		GUARDRAIL

PROPOSED

	EDGE OF PAVEMENT
	VERTICAL CURB & GUTTER

21-1365.03 - Hunt Highway & Attaway Road

Apr 10, 2025 2:44pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway Hunt Highway Civil CAD\DWG\21-1365.03 - CS03.dwg istine



1130 N Alma School Road
Suite 120
Mesa, AZ 85201
T:480.503.2250 | F:480.503.2258
www.epsgroupinc.com

EPS
GROUP

Hunt Highway & Attaway Road
Florence, AZ

TYPICAL SECTION SHEET

Project:

Revisions:

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

ARIZONA 811
One Call 811 for a free service call or 1-800-488-8111
in Maricopa County: (602)263-1100

Designer: TA
Drawn by: RW

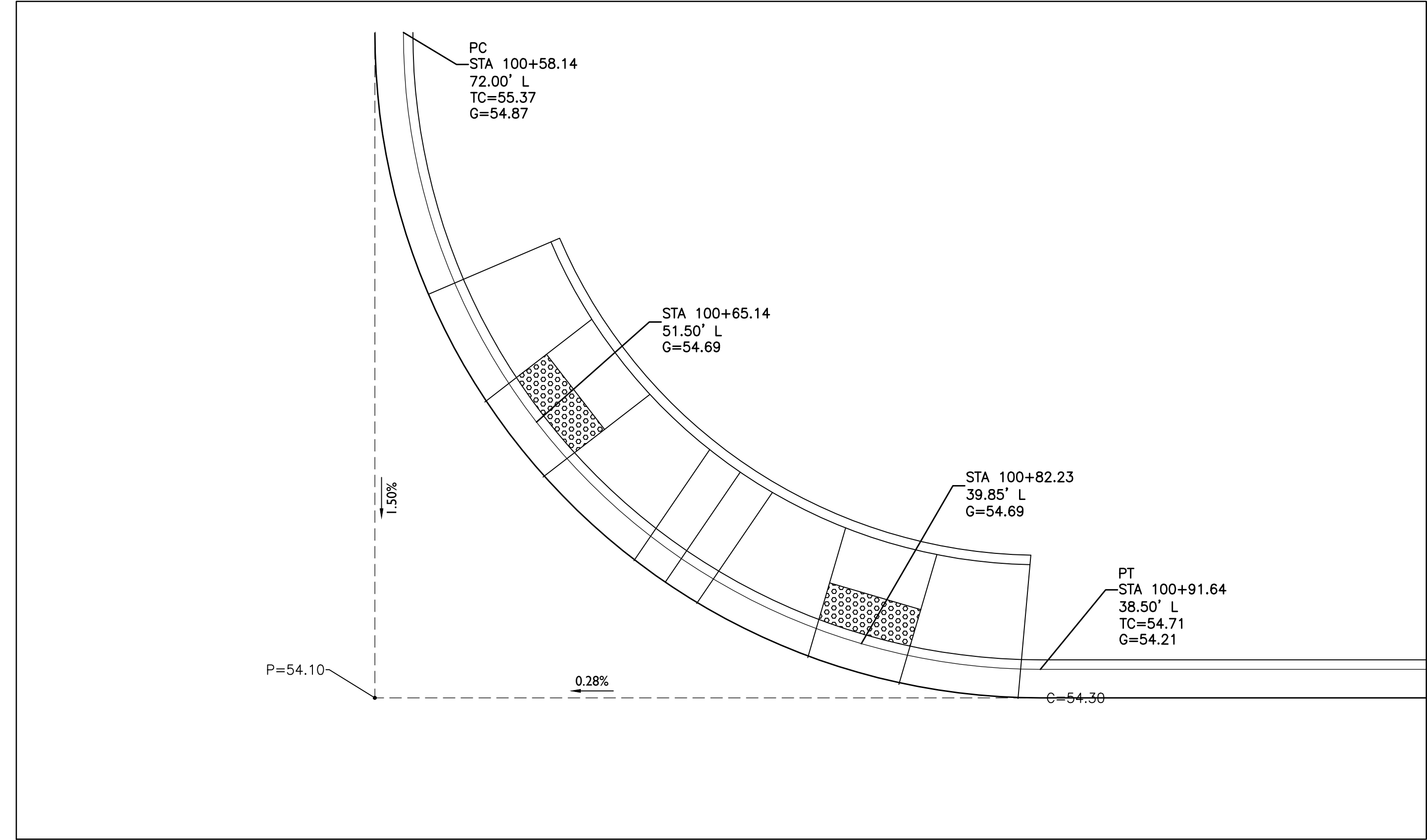
Preliminary

95%
Not For
Construction
Or
Recording

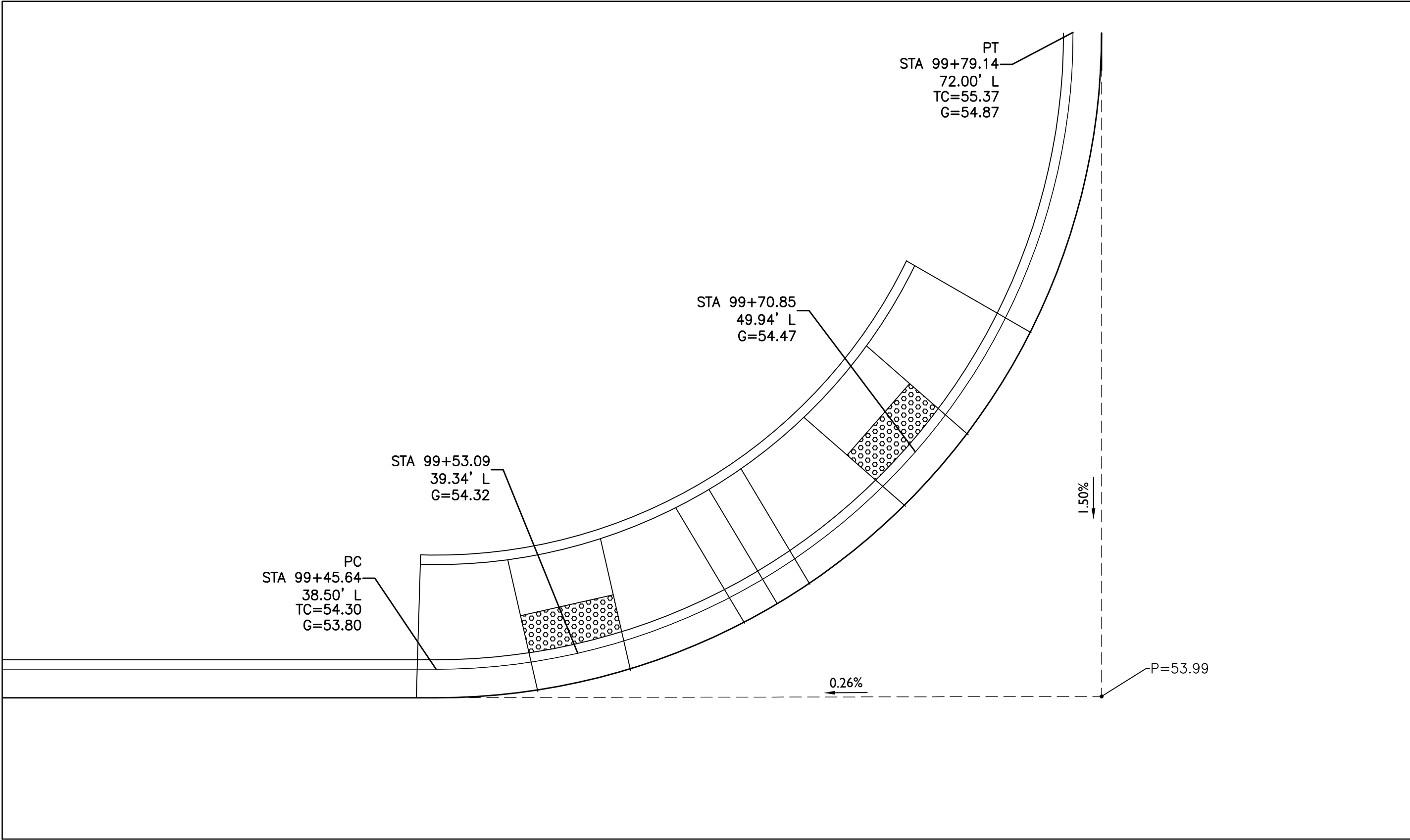
Job No.
21-1365.03

CS03

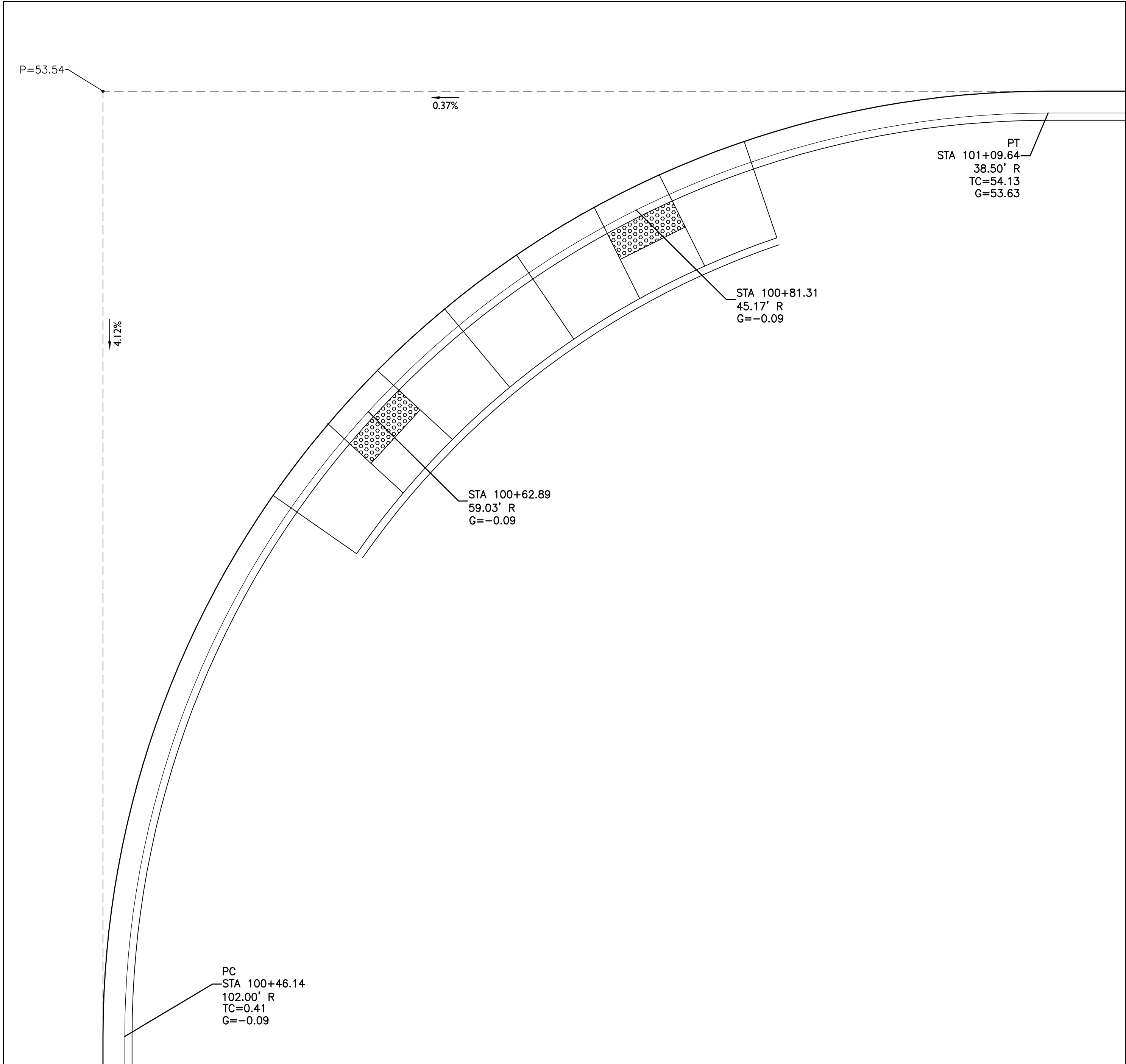
Sheet No.
3
of **37**



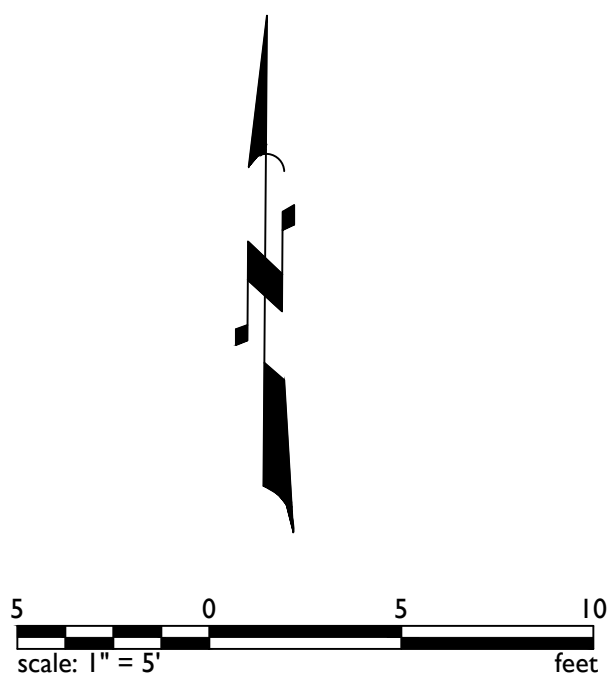
NE CORNER HUNT HWY & ATTAWAY RD



NW CORNER HUNT HWY & ATTAWAY RD



SE CORNER HUNT HWY & ATTAWAY RD



NOTE: ALL STATIONING IS BASED UPON THE HUNT HIGHWAY ALIGNMENT

1130 N Alma School Road
Suite 120
Mesa, AZ 85201
T:480.503.2350 | F:480.503.2358
WWW.EPSGROUPINC.COM

Project:
Hunt Highway & Attaway Road
Florence, AZ

Sidewalk Ramp Staking Sheet

Revisions:	

Call at least two full working days
before you begin excavation.
One 811 for all utility work in Maricopa County (602)263-1100

Designer: TA
Drawn by: RW

Preliminary
95%
Not For
Construction
Or
Recording

Job No.
21-1365.03

DT01

Sheet No.
4
of **37**

Williams
Apr 14, 2025 2:52pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt Highway\Civil\CAD\DWG\21-1365.03 - DT02.dwg

williams



Project:

Florence, AZ

Sidewalk Ramp Staking Sheet



Mesa, AZ 85201
T:480.503.2250 | F:480.503.2258
www.epsgroupinc.com

Revisions:

--	--	--	--	--	--

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

ARIZONA 811
Arizona One-Call, Inc.

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

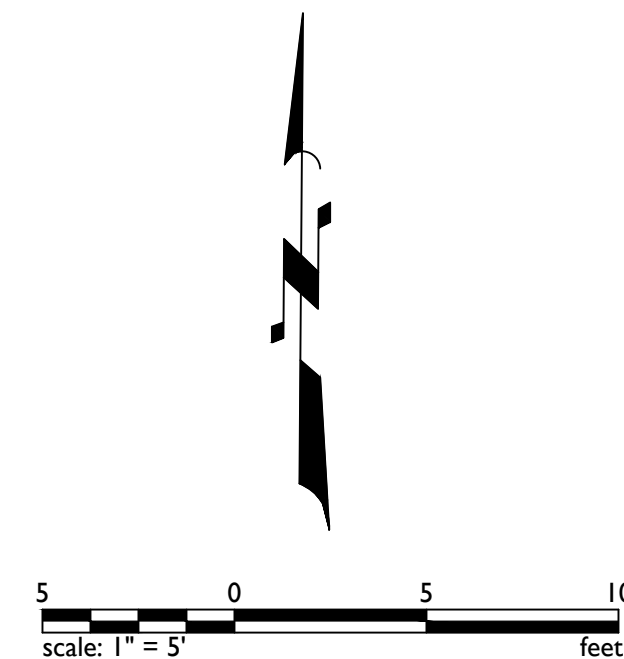
Designer: TA
Drawn by: RW

Preliminary
95%
Not For
Construction
Or
Recording

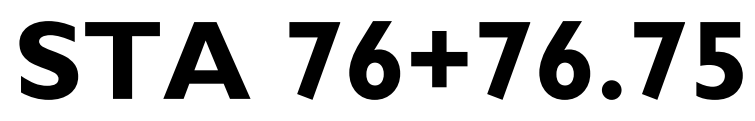
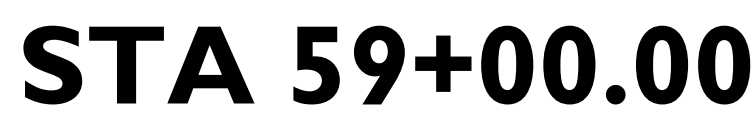
Job No.
21-1365.03

DT02

Sheet No.
5
of 37



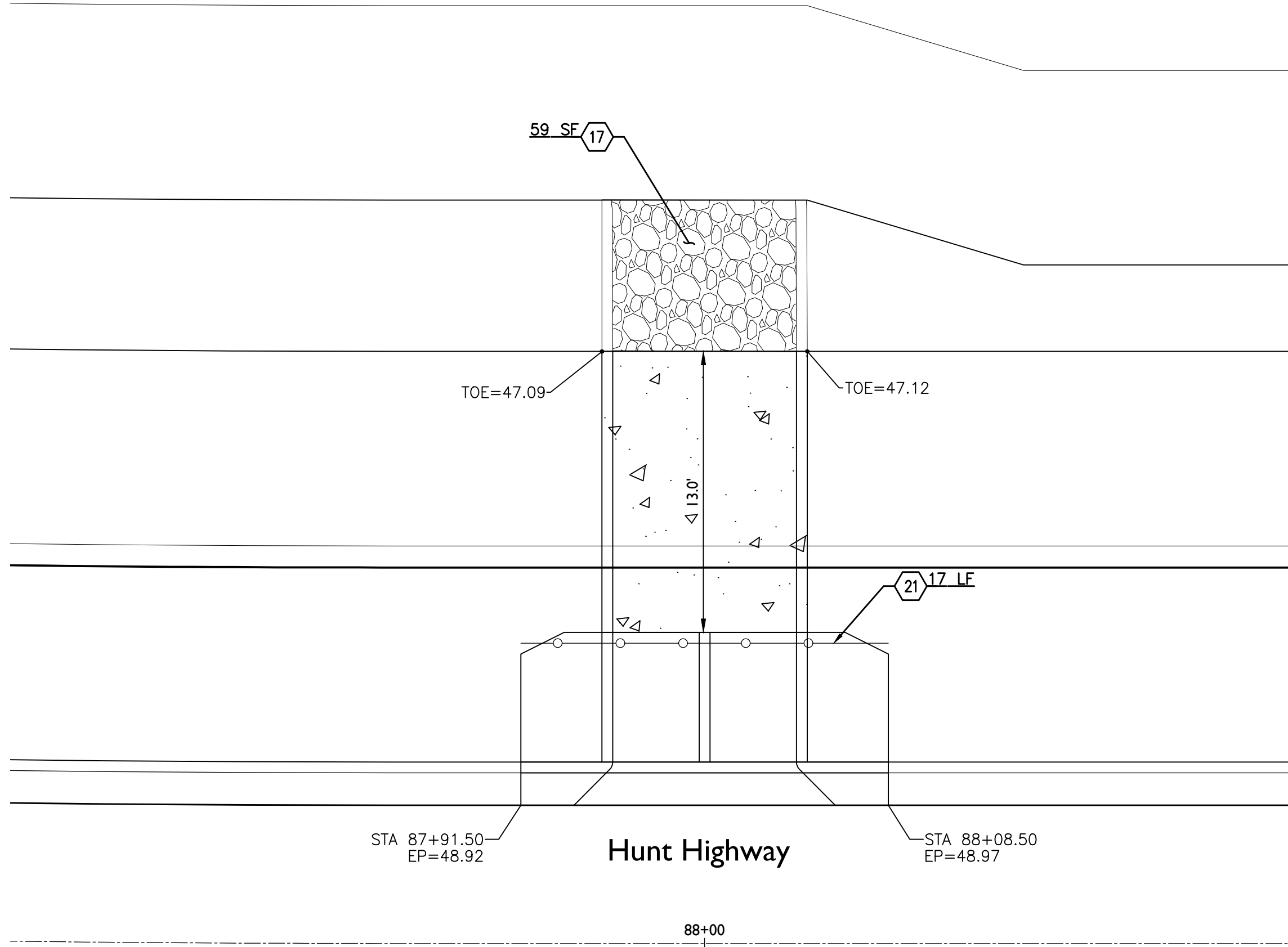
Williams
Apr 15, 2025 2:47pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt Highway\Civil\CAD\DWG\21-1365.03 - DT03.dwg



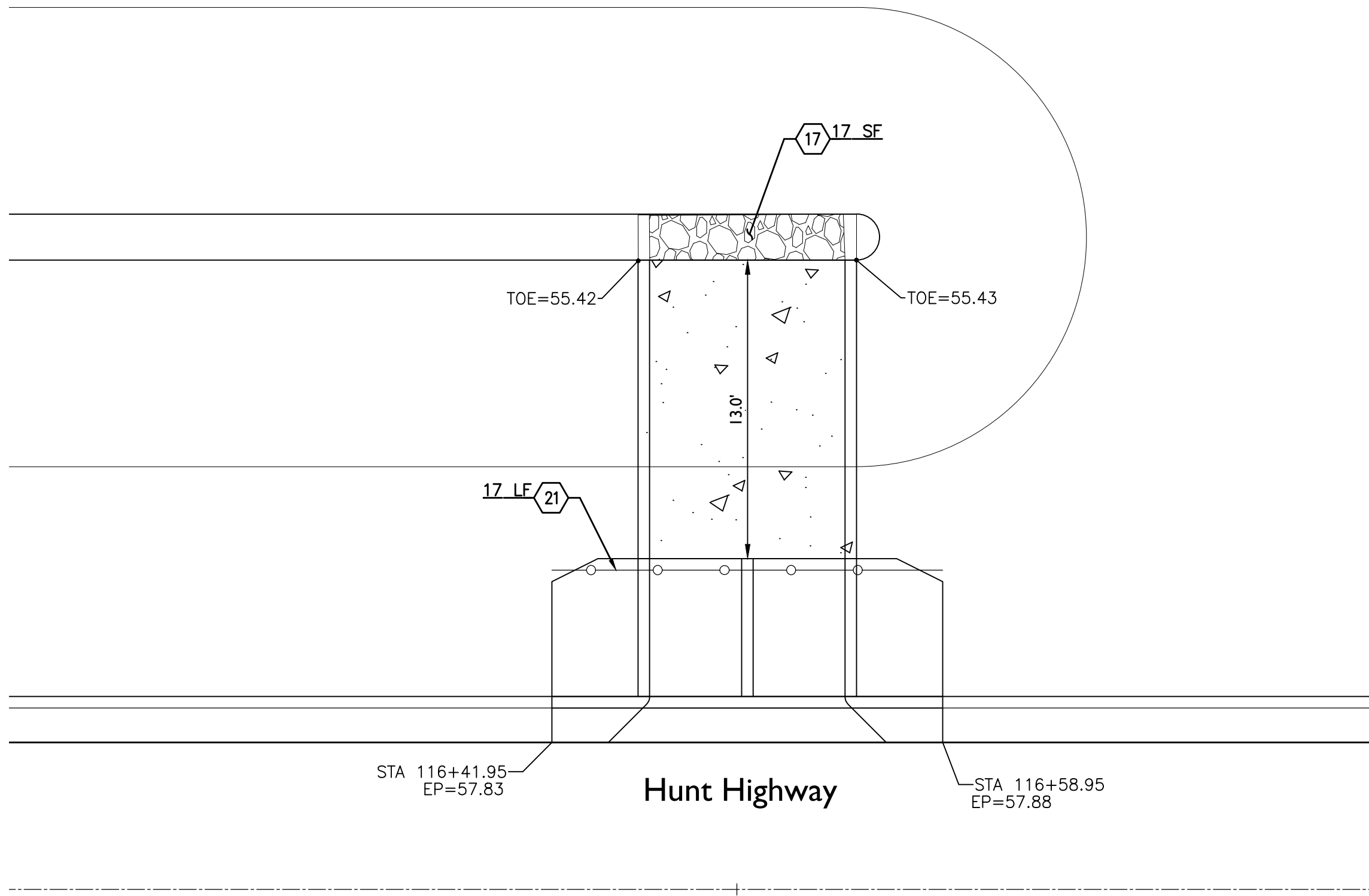
21-1365.03 - Hunt Highway & Attaway Road

Apr 15, 2025 2:52pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt Highway\Civil\CAD\DWG\21-1365.03 - DT04.dwg istine

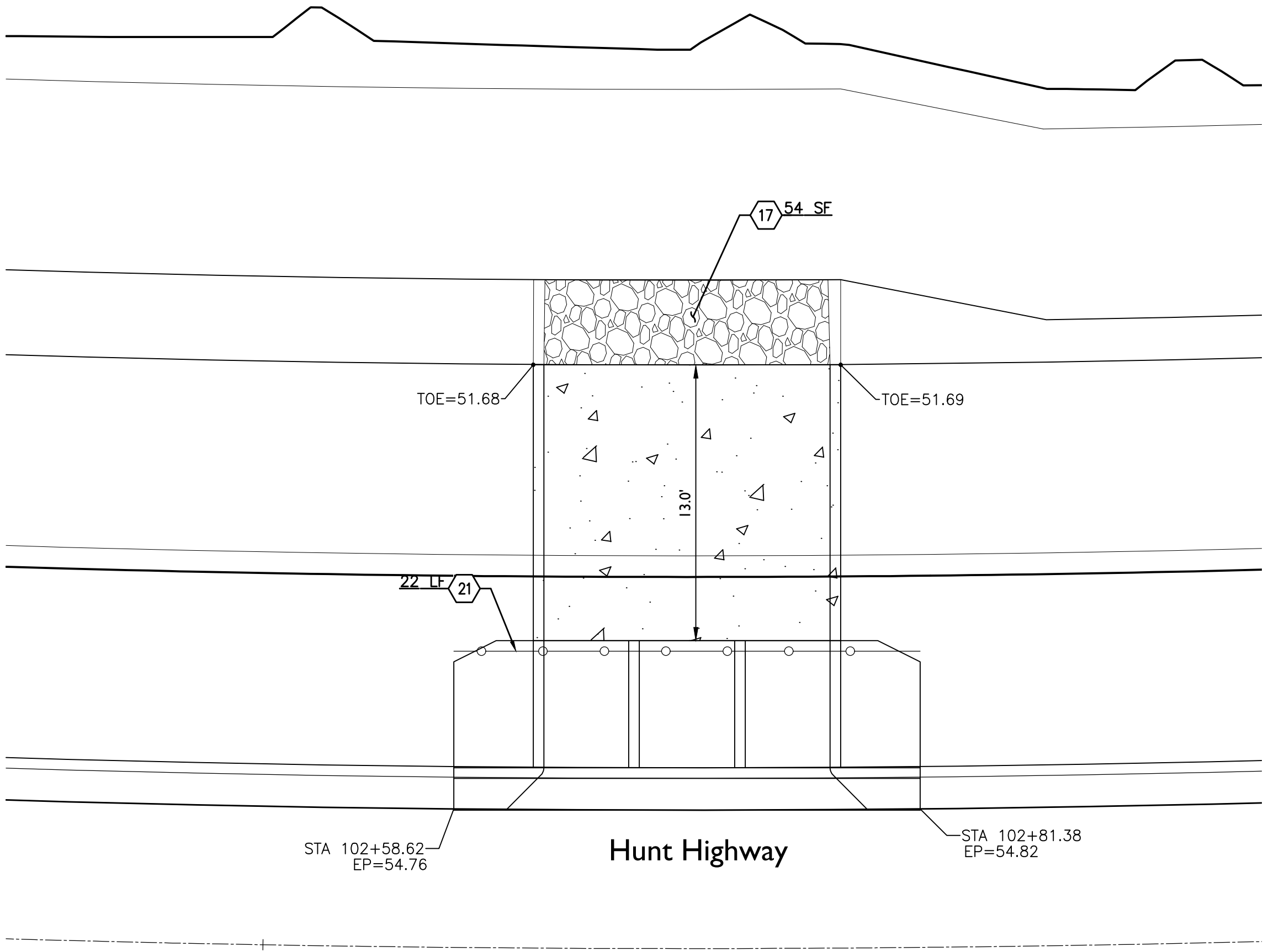
ROADWAY	
17 Dumped Riprap. D50=6", Depth=12"	130 SF
21 Safety Rail per MAG Det 145	73 LF



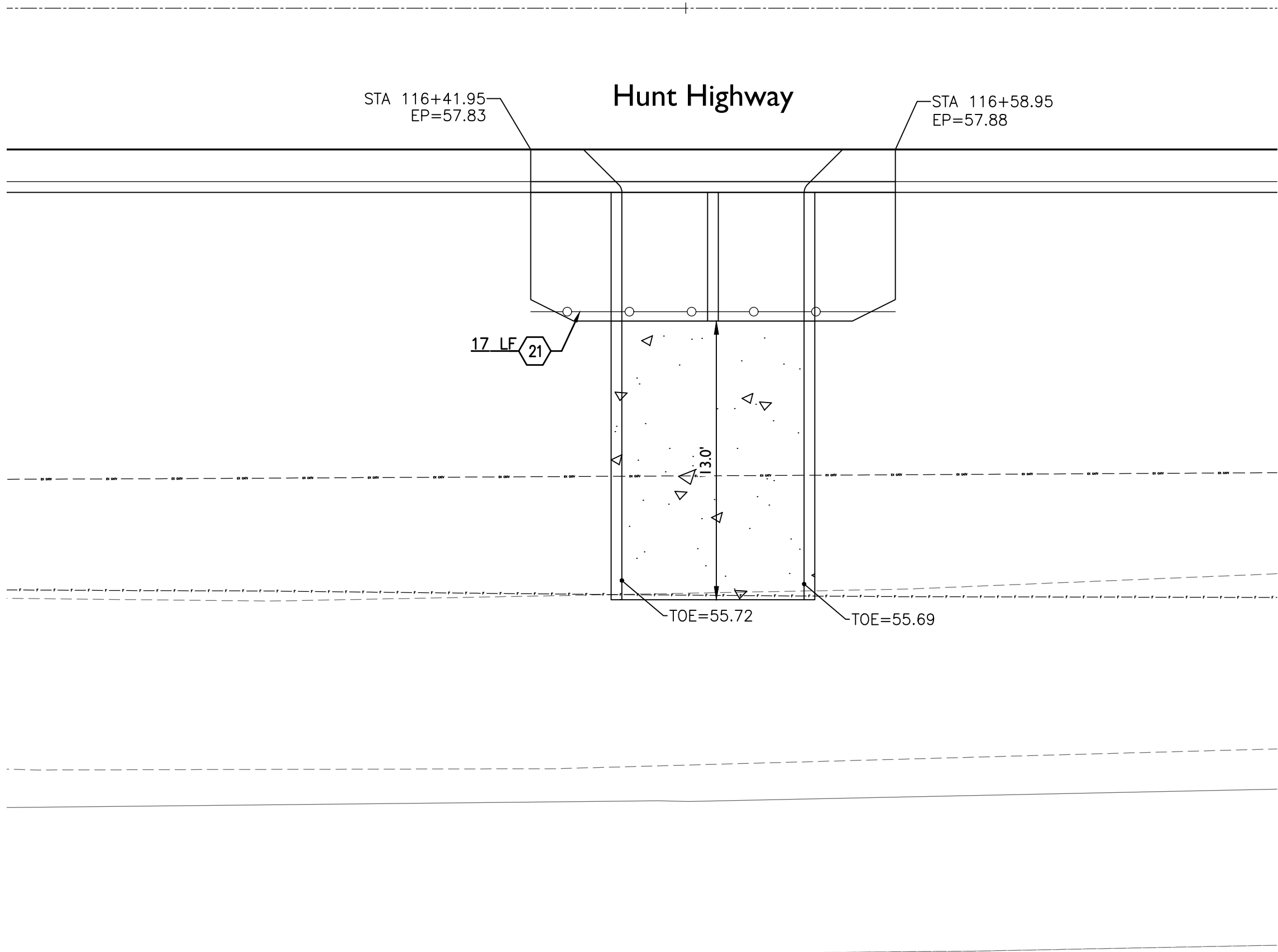
STA 88+00.00



STA 116+50.45



STA 102+70.00



STA 116+50.45



1130 N Alma School Road
Suite 120
Mesa, AZ 85201
T:480.503.2350 | F:480.503.2358
www.epsgroupinc.com

Project:
Hunt Highway & Attaway Road
Florence, AZ

Scupper Detail Sheets

Revisions:	

Call 811 or 1-800-875-ARIZONA
in Maricopa County: (602)263-1100

Designer: TA
Drawn by: RW

Preliminary

95%

Not For Construction Or Recording

Job No.

21-1365.03

DT04

Sheet No.

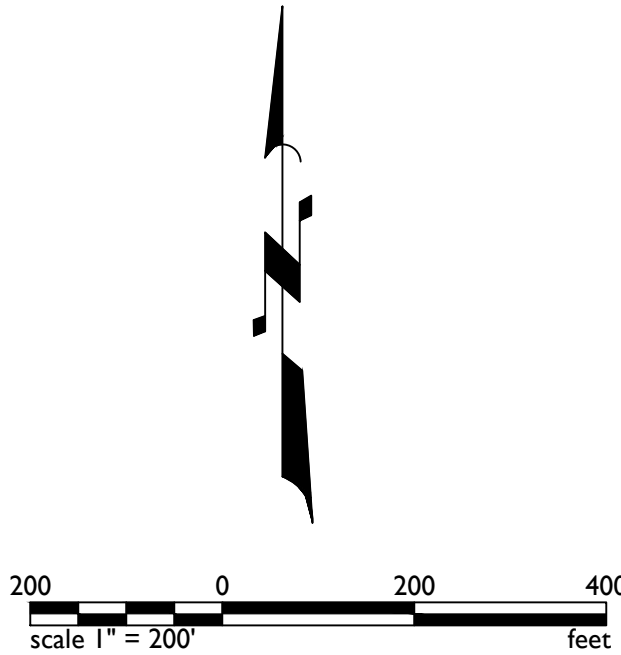
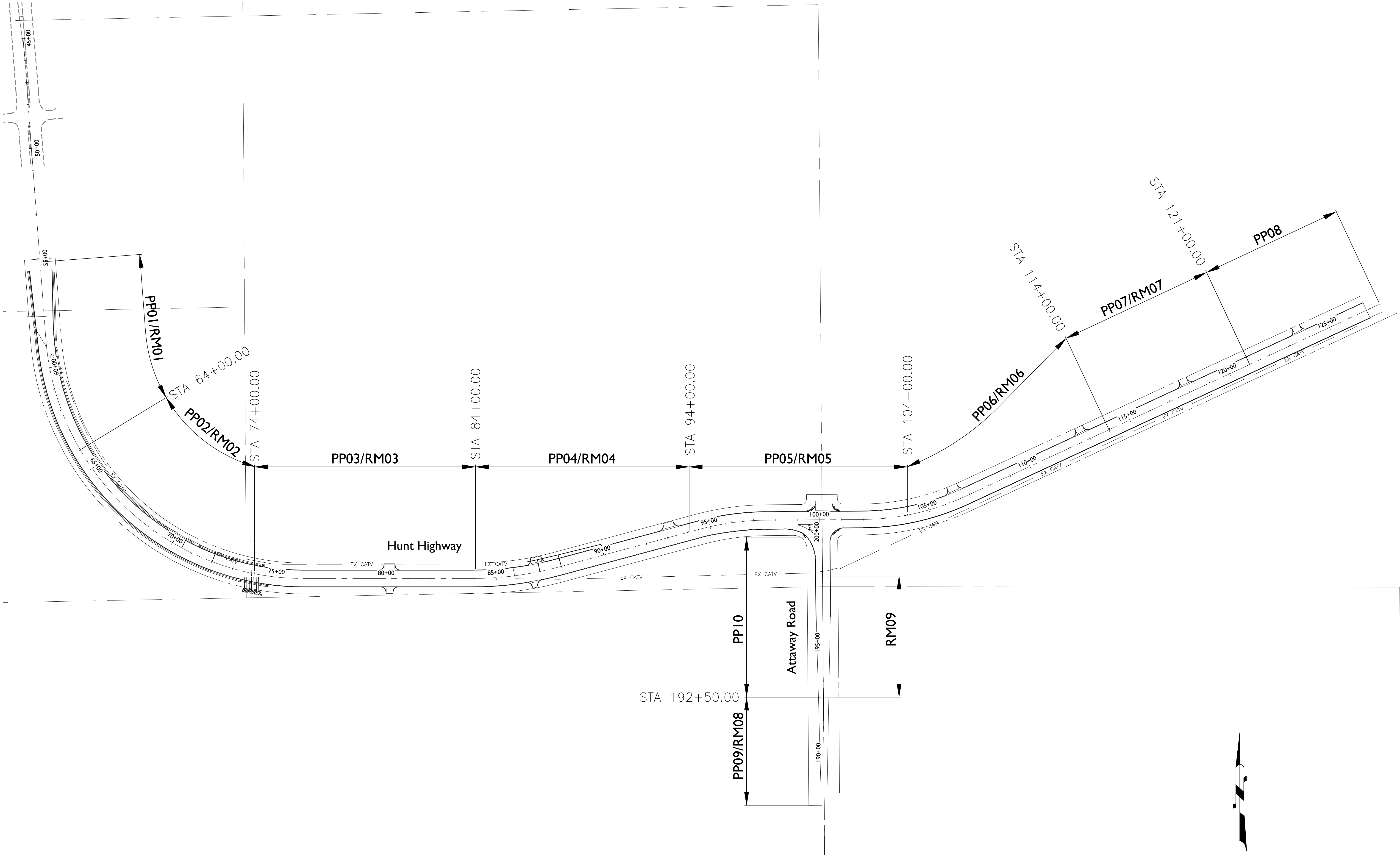
7 of 37

Sheet No.
8
of 37

21-1365.03 - Hunt Highway & Attaway Road

Apr 15, 2025 10:33am S:\Projects\2021\21-1365\21-1365.03 Florence Attaway\Civil\CAD\DWG\21-1365.03 - ID01.dwg

rwilliams



1130 N Alma School Road
Suite 120
Mesa, AZ 85201
T:480.503.2250 | F:480.503.2258
www.epsgroupinc.com

EPS

GROUP

Hunt Highway & Attaway Road

Florence, AZ

Index Sheet

Project:

Revisions:

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

ARIZONA

811

One Call 811 or 1-800-486-8746 or 1-800-486-8746
in Maricopa County: (602)263-1100

Designer: TA

Drawn by: RW

Preliminary

95%

Not For
Construction
Or
Recording

Job No.

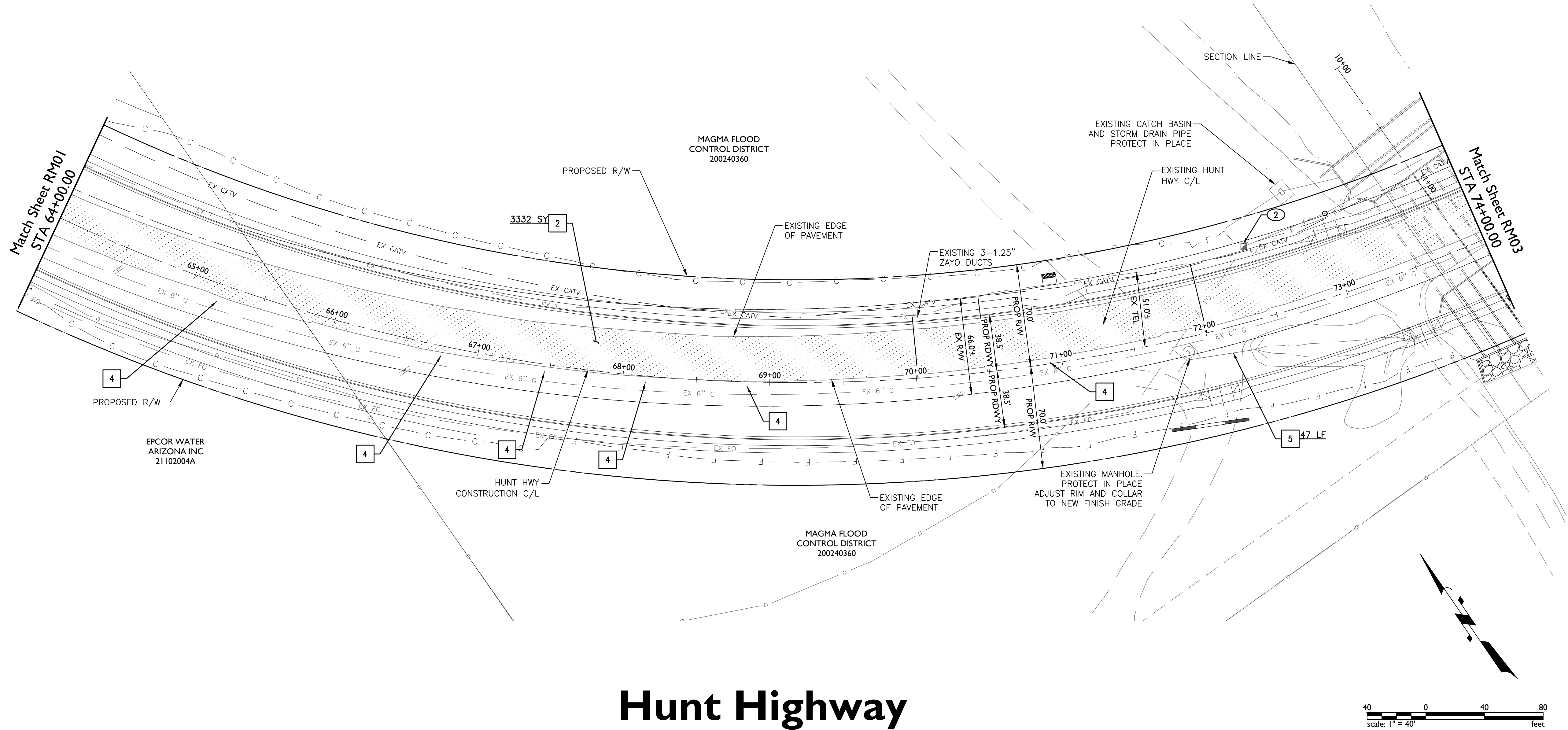
21-1365.03

ID01

Sheet No.

9

of 37



Hunt Highway

CONSTRUCTION NOTES		
ROADWAY REMOVAL		
2	Remove Existing Pavement Section	3332 SY
4	Remove Existing Flexible Delineators	6 EA
5	Remove Existing Storm Drain Pipe	47 LF
UTILITIES BY OTHERS		
2	Existing Electrical Facilities to be Relocated by Others	

REMOVAL LEGEND	
	REMOVE PAVEMENT SECTION

Attaway Road & Hunt Highway

Florence, AZ

Roadway Removals Sheet

Preliminary

95%

Not For Construction Or Recording

Revisions

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

ARIZONA 811
Arizona One Stop, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-6348)
In Maricopa County: (602)263-1100

1130 N Alma School Road
Suite 120
Mesa, AZ 85201
T:480.503.2250 | F:480.503.2258
www.epsgroupinc.com

EPS GROUP

Designer: TA

Job No. 21-1365.03

Drawn by: RW

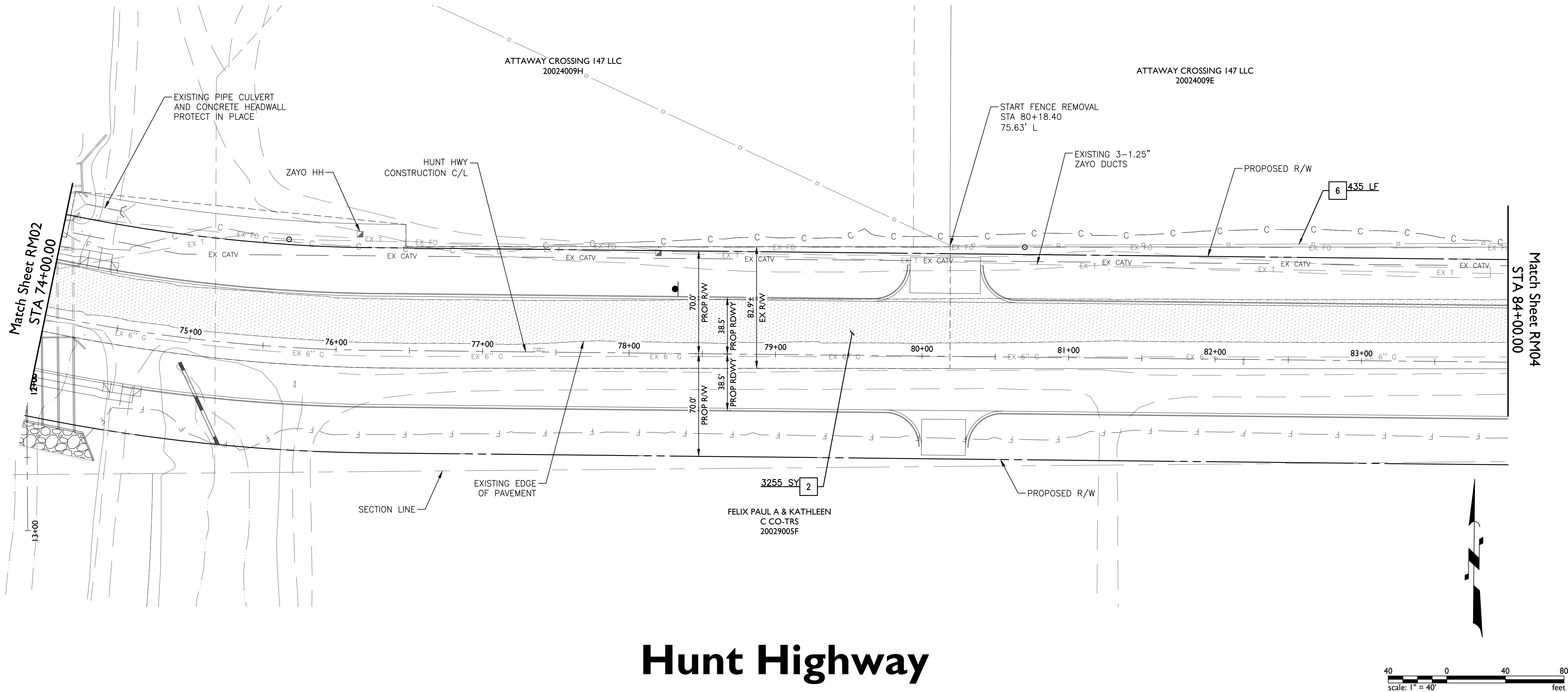
Dwg No. RM02

Sheet No. 11 of 36

21-1365.03 - Attaway Road & Hunt Highway

Apr 14, 2025 3:49pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt Highway\Civil\CAD\DWG\21-1365.03 - RM03.dwg

istline



Hunt Highway

CONSTRUCTION NOTES		
	ROADWAY REMOVAL	
2	Remove Existing Pavement Section	3255 SY
6	Remove Existing Fence	435 LF

REMOVAL LEGEND

REMOVE PAVEMENT SECTION

Attaway Road & Hunt Highway

Florence, AZ

Roadway Removals Sheet

Preliminary

95%

Not For Construction Or Recording

Revisions

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

ARIZONA 811

Arizona One Strike, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-6348) In Maricopa County: (602)263-1100

Designer: TA

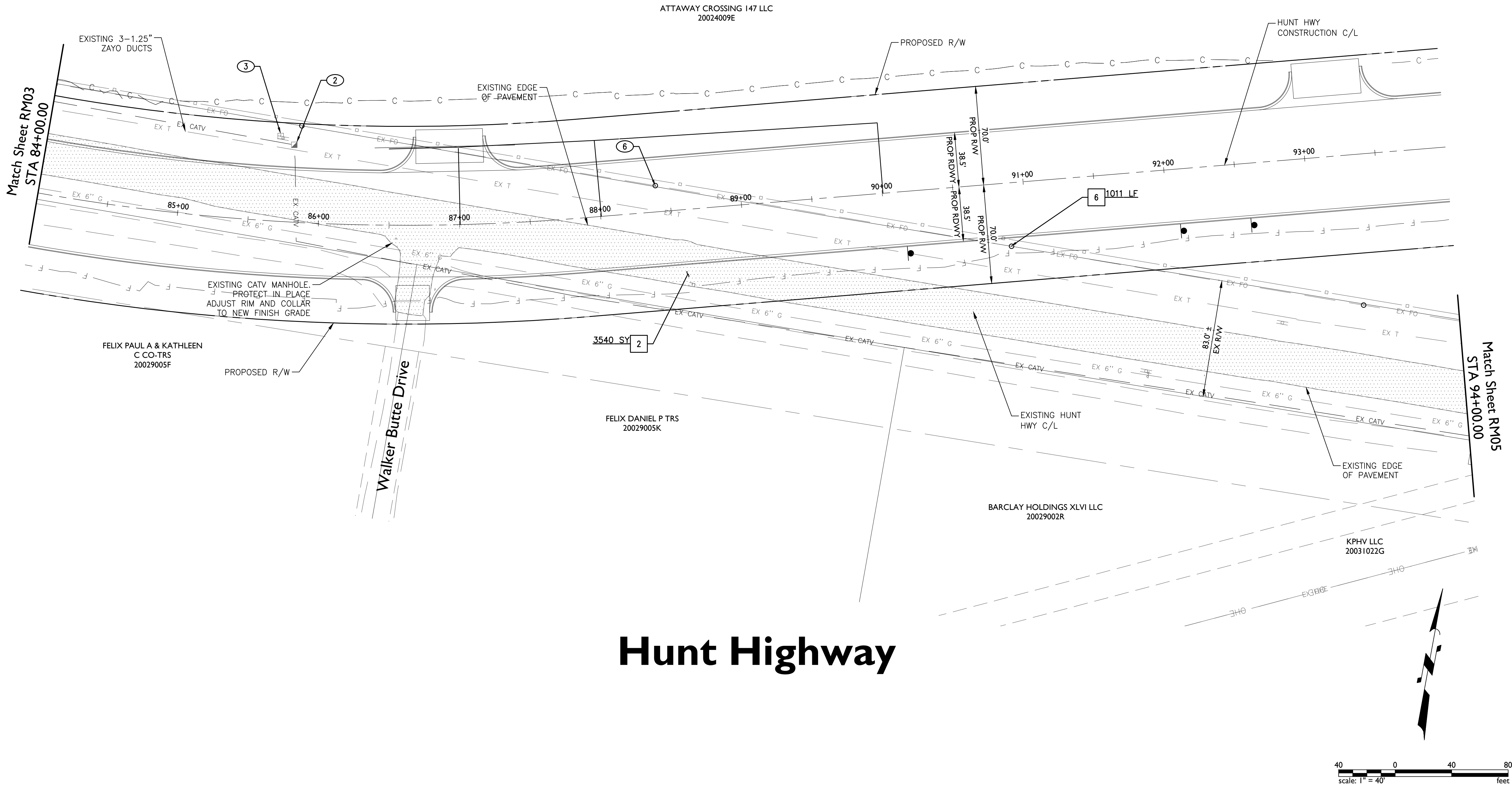
Job No. 21-1365.03

Drawn by: RW

Dwg No. RM03

Sheet No. 12 of 37

1130 N Alma School Road Suite 120 Mesa, AZ 85201 T:480.503.2250 F:480.503.2258 www.epsgroupinc.com



Hunt Highway

CONSTRUCTION NOTES		
	ROADWAY REMOVAL	
2	Remove Existing Pavement Section	3540 SY
6	Remove Existing Fence	1011 LF
○	UTILITIES BY OTHERS	
②	Existing Electrical Facilities to be Relocated by Others	
③	Existing Telephone Facilities to be Relocated by Others	
⑥	Existing Power Pole to be Relocated by Others	

REMOVAL LEGEND	
	REMOVE PAVEMENT SECTION

Attaway Road & Hunt Highway

Florence, AZ

Roadway Removals Sheet

Preliminary

95%

Not For Construction Or Recording

Revisions

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

ARIZONA 811

Dial 8-1-1 or 1-800-STAKE-IT (782-6348) In Maricopa County: (602)263-1100

Designer: TA

Job No. 21-1365.03

Sheet No. 13 of 36

Drawn by: RW

Dwg No. RM04

1130 N Alma School Road Suite 120 Mesa, AZ 85201

T:480.503.2250 F:480.503.2258

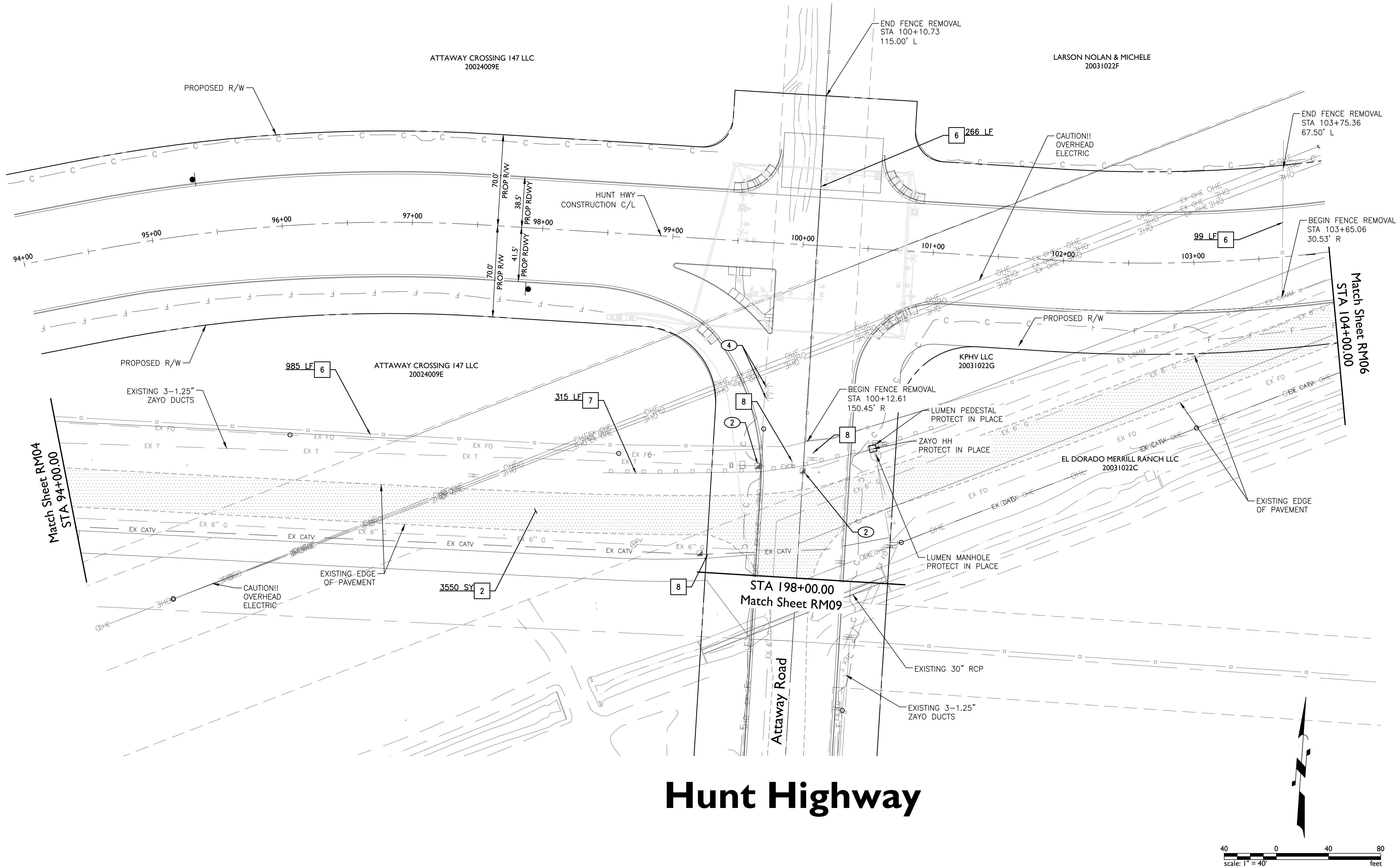
www.epsgroupinc.com

EPS GROUP

21-1365.03 - Attaway Road & Hunt Highway

Apr 11, 2025 12:51pm S:\Projects\2021\21-1365.03 Florence Attaway_Hunt_Highway\Civil\CAD_DWG\21-1365.03 - RM05.dwg

istline



Hunt Highway

Attaway Road

CONSTRUCTION NOTES		
	ROADWAY REMOVAL	
2	Remove Existing Pavement Section	3550 SY
6	Remove Existing Fence	1350 LF
7	Remove Existing Guardrail	315 LF
8	Remove Existing Traffic Signal	3 EA

○ UTILITIES BY OTHERS

② Existing Electrical Facilities to be Relocated by Others

④ Existing Guy Wires to be Relocated by Others

REMOVAL LEGEND

REMOVE PAVEMENT SECTION

Attaway Road & Hunt Highway

Florence, AZ

Roadway Removals Sheet

Preliminary

95%

Not For Construction Or Recording

Revisions

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

ARIZONA811

Dial 8-1-1 or 1-800-STAKE-IT (782-6348) In Maricopa County: (602)263-1100

Designer: TA

Job No. 21-1365.03

Drawn by: RW

Dwg No. RM05

Sheet No. 14 of 37

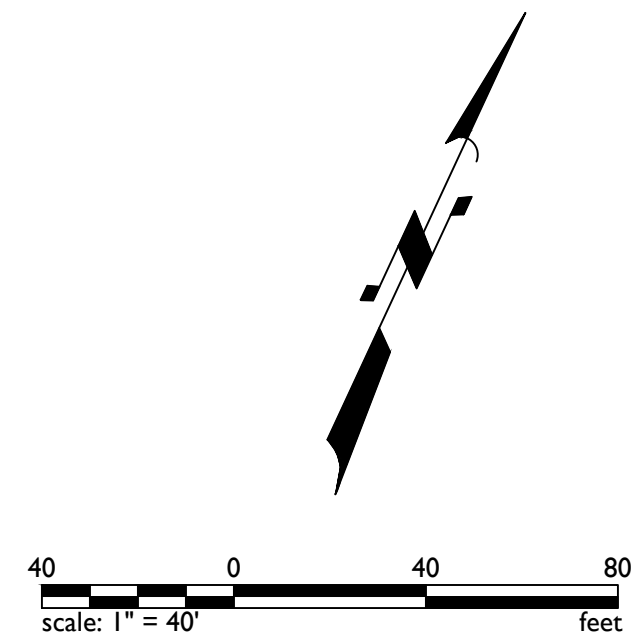
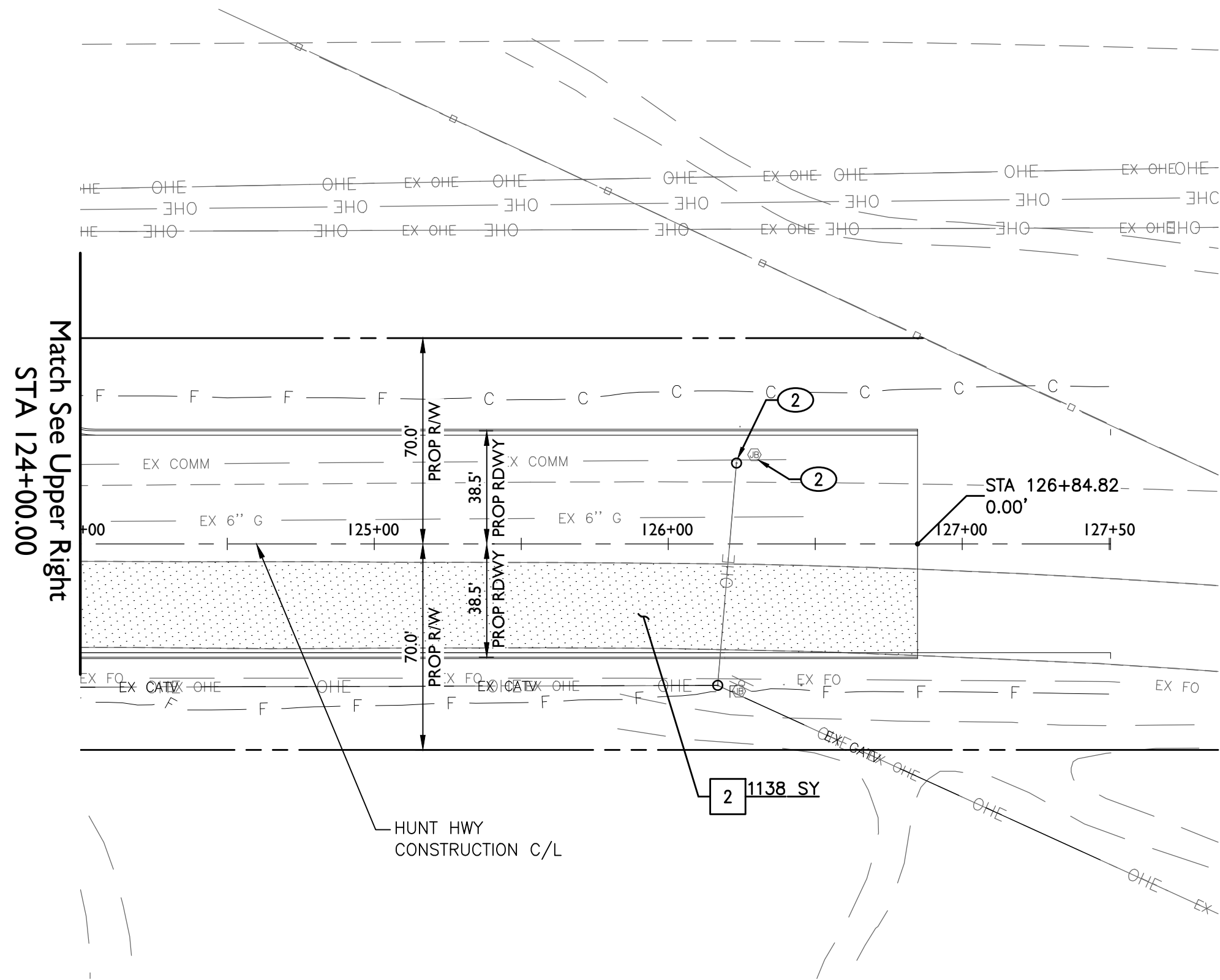
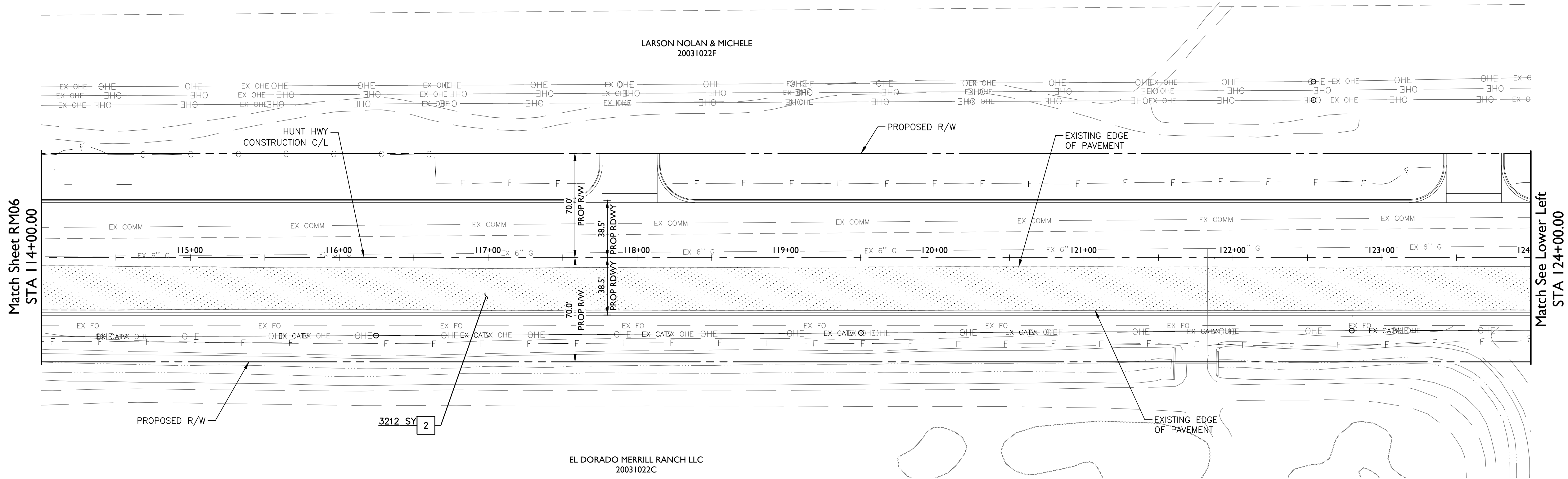
1130 N Alma School Road Suite 120 Mesa, AZ 85201 T:480.503.2250 F:480.503.2258 www.epsgroupinc.com

Apr 11, 2025 12:59pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt Highway\Civil\CAD\DWG\21-1365.03 - RM06.dwg



40 0 40 80
scale: 1" = 40' feet

Preliminary 95% Not For Construction Or Recording	Revisions: <table><tr><td> </td></tr><tr><td> </td></tr><tr><td> </td></tr><tr><td> </td></tr><tr><td> </td></tr></table>					
Call at least two full working days before you begin excavation.  Dial 8-1-1 or 1-800-STAKE-IT (782-5348) in Maricopa County: (602)263-1100	 EPS GROUP 1130 N Alma School Road Suite 120 Mesa, AZ 85201 T:480.503.2250 F:480.503.2258 www.epsgroupinc.com					
Designer: TA Drawn by: RW	Job No. 21-1365.03 Dwg No. RM06					
	Sheet No. 15 of 37					



CONSTRUCTION NOTES

	ROADWAY REMOVAL	
2	Remove Existing Pavement Section	4350 SY
	UTILITIES BY OTHERS	
2	Existing Electrical Facilities to be Relocated by Others	

REMOVAL LEGEND

REMOVE PAVEMENT SECTION

Attaway Road & Hunt Highway

Florence, AZ

Roadway Removals Sheet

Preliminary

95%

Not For Construction Or Recording

Revisions

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

ARIZONA 811

Arizona One Stop, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-6348) In Maricopa County: (602)263-1100

Designer: TA

Job No. 21-1365.03

Drawn by: RW

Dwg No. RM07

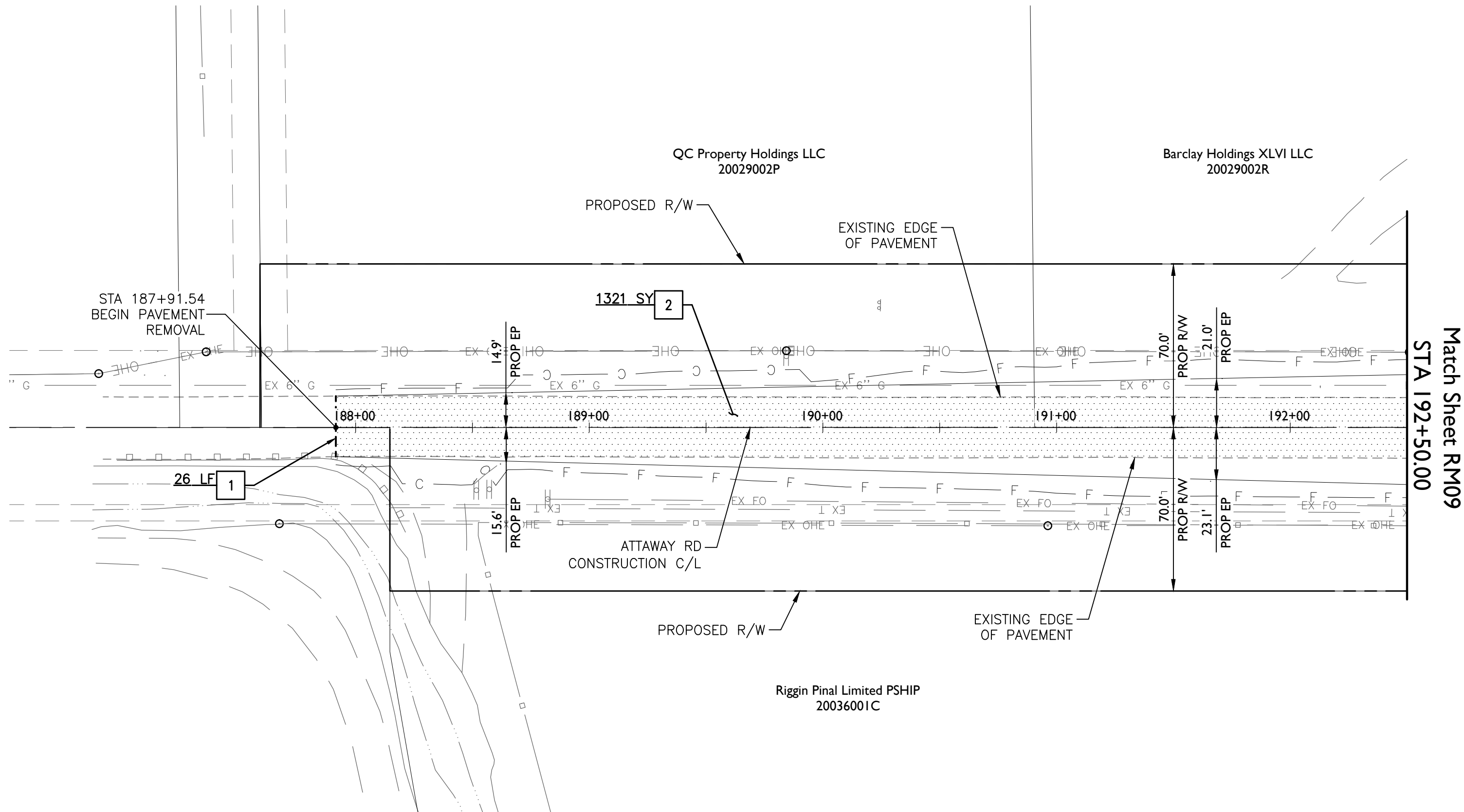
Sheet No. 16 of 36

1130 N Alma School Road Suite 120 Mesa, AZ 85201

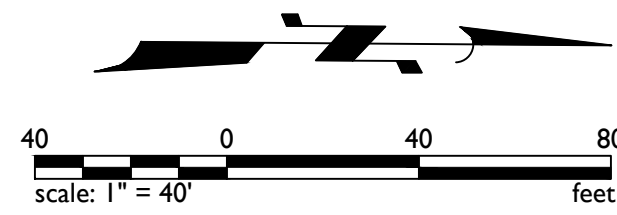
T:480.503.2250 F:480.503.2258

www.epsgruopinc.com

EPS GROUP



Attaway Road



CONSTRUCTION NOTES

ROADWAY REMOVAL		
1	Sawcut Existing AC Pavement	26 LF
2	Remove Existing Pavement Section	1321 SY

REMOVAL LEGEND

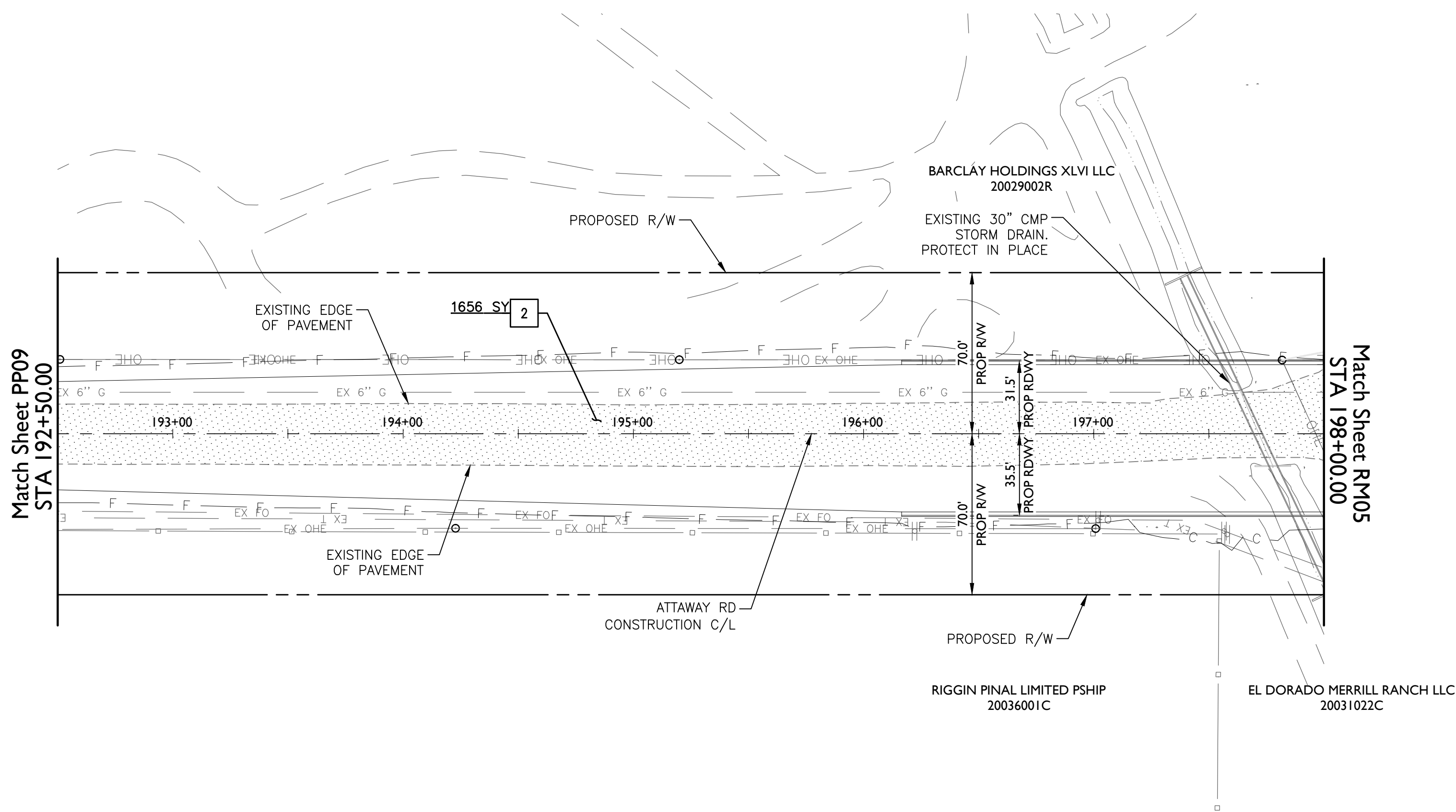


Attaway Road & Hunt Highway

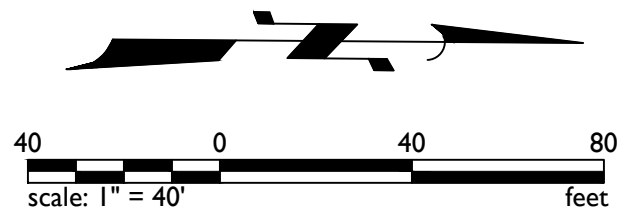
Florence, AZ

Roadway Removals Sheet

Preliminary 95% Not For Construction Or Recording	Revisions: <table><tr><td> </td></tr><tr><td> </td></tr><tr><td> </td></tr></table>				 1130 N Alma School Road Suite 120 Mesa, AZ 85201 T:480.503.2250 F:480.503.2258 www.epsgroupinc.com
Call at least two full working days before you begin excavation. ARIZONA 811 Arizona One Stop, Inc. Dial 8-1-1 or 1-800-STAKE-IT (782-6348) In Maricopa County: (602)263-1100					
Designer: TA	Job No. 21-1365.03	Sheet No. 17 of 37			
Drawn by: RW	Dwg No. RM08				



Attaway Road



CONSTRUCTION NOTES		
	ROADWAY REMOVAL	
2	Remove Existing Pavement Section	1656 SY

REMOVAL LEGEND



Attaway Road & Hunt Highway

Florence, AZ

Roadway Removals Sheet

Preliminary

95%

Not For Construction Or Recording

Revisions

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

ARIZONA811

Arizona One Stop, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-6348) In Maricopa County: (602)263-1100

Designer: TA

Job No. 21-1365.03

Drawn by: RW

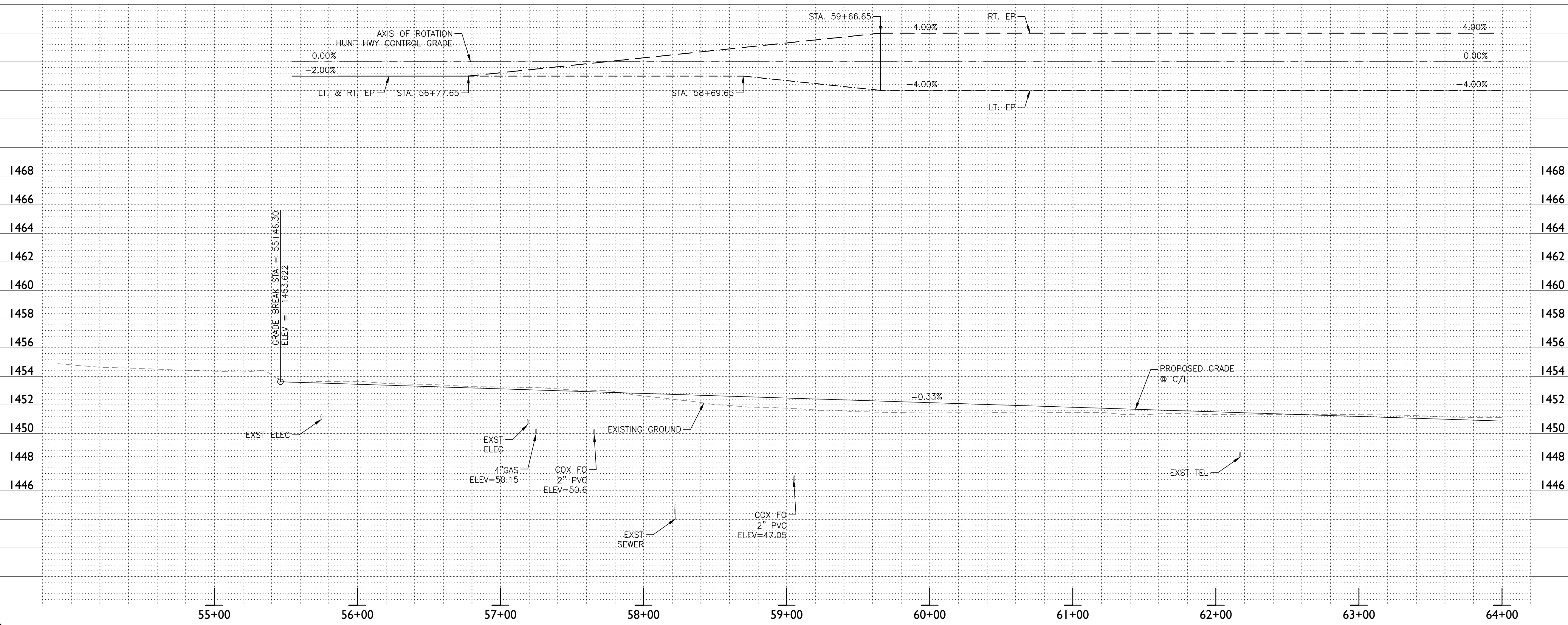
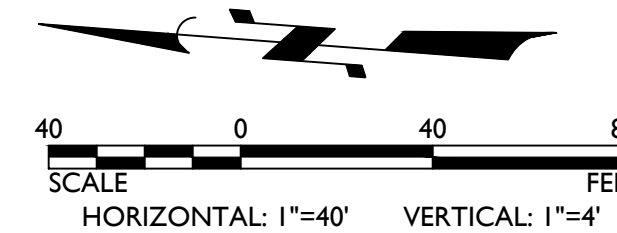
Dwg No. RM09

1130 N Alma School Road Suite 120 Mesa, AZ 85201

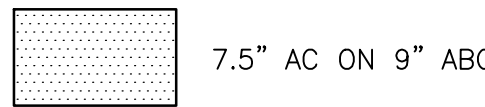
T:480.503.2250 F:480.503.2258 www.epsgroupinc.com

Sheet No. 18 of 37

rwilliams Apr 14, 2025 5:51pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt Highway\Civil\CAD\DWG\21-1365.03 - PP01.dwg



PAVEMENT LEGEND



Florence, AZ

Preliminary
95%
Not For
Construction
Or
Recording



ARIZONA 811
Arizona Blue Stakes, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5342)
In Maricopa County: (602)263-1100

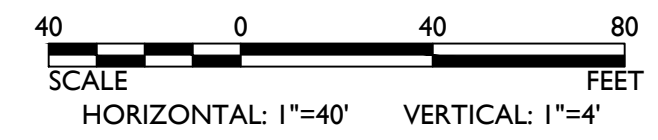
Designer:
TA
Drawn by
RW

Job No. 21-1365.03

Dwg No. **PP01**

Sheet No. 19 of 37

Apr 14, 2025 6:04pm S:\Projects\2021\21-1365\Florence Attaway_Hunt Highway\Civil\CAD\DWG\21-1365.03 - PP02.dwg



This profile view shows the vertical alignment of a road section. The horizontal axis represents stationing from 64+00 to 74+00. The vertical axis represents elevation in feet, ranging from 1434 to 1456. The existing ground is shown as a dashed line with a 0.32% grade. The proposed grade is shown as a solid line. A box culvert is located between stations 73+00 and 74+00, with a top elevation of 1442.00 and an invert elevation of 1434.27. The culvert is shown in plan view. The profile also includes labels for the axis of rotation, hunt, highway control grade, and existing ground. The proposed grade is labeled as 'PROPOSED GRADE @ C/L'. The existing ground is labeled as 'EXISTING GROUND'. The box culvert is labeled as 'EXISTING BOX CULVERT'. The top of the culvert is labeled as 'TOP=1442.00' and the invert is labeled as 'INV=1434.27'. The profile also includes labels for 'RT. EP' and 'LT. EP' at station 69+00. The profile is titled 'Apr 14, 2025 6:04pm S:\Projects\2021\21-1365\21-1365.03 Florence Attoaway_Hunt_Highway\Civil\CAD\DWG\21-1365.03-Florence Attoaway_Hunt_Highway.dwg'.

PAVEMENT LEGEND

7.5" AC ON 9" ABC

Attaway Road & Hunt Highway

Florence, AZ

Roadway Plan & Profile Sheet

Preliminary

95%

Not For
Construction
Or
Recording

Revisions:

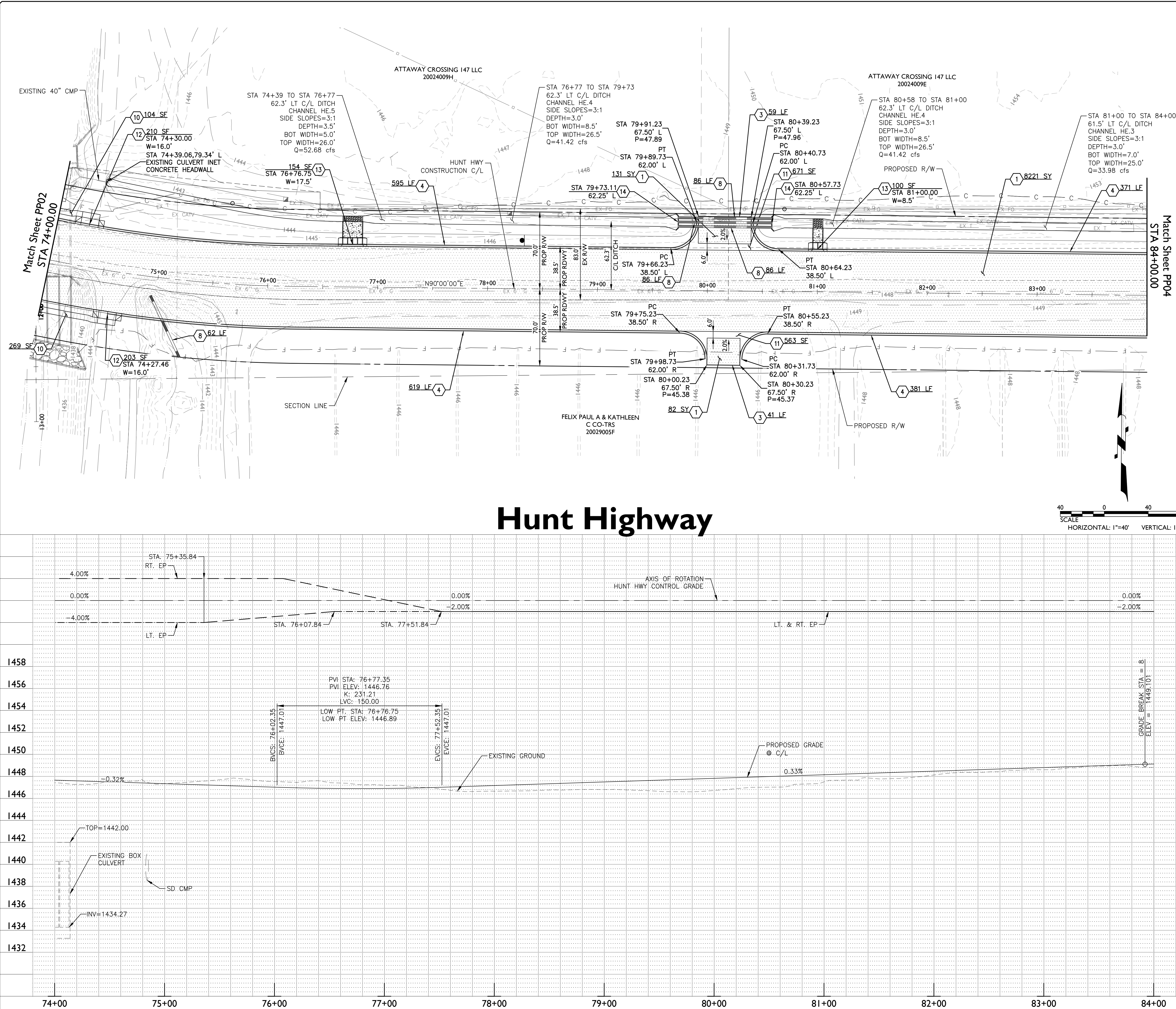
1130 N Alma School Road
Suite 120
Mesa, AZ 85201

T: 480.503.2250 F: 480.503.2258
www.epsgroupinc.com

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

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

Designer: TA	Job No. 21-1365.03	Sheet No. 20
Drawn by: RW	Dwg No. PP02	of 37



CONSTRUCTION NOTES

ROADWAY	
1 Prepare Subgrade & Install 7.5" AC Pavement over 9" ABC	8434 SY
per Structural Section #1, Sheet CS02	
3 Thickened Edge per MAG Det 201, Type A	100 LF
4 Vertical Curb and Gutter per MAG Det 220-1, Type A	1966 LF
8 24" CMP Storm Drain Pipe	320 LF
10 5' Sidewalk per MAG Det 230	373 SF
11 Valley Gutter & Apron per MAG Det 240	1234 SF
12 Driveway per MAG Det 250-1. Width per Plan	413 SF
13 Scupper per MAG Det 206. Width per Plan	254 SF
14 Headwall per MAG Det 501-1, U Type	2 EA

PAVEMENT LEGEND

	7.5" AC ON 9" ABC
--	-------------------

Attaway Road & Hunt Highway

Florence, AZ

Roadway Plan & Profile Sheet

Preliminary

95%

Not For Construction Or Recording

Revisions

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

ARIZONA811

Dial 8-1-1 or 1-800-STAKE-IT (782-6348) In Maricopa County: (602)263-1100

Designer: TA

Drawn by: RW

Job No. 21-1365.03

Dwg No. PP03

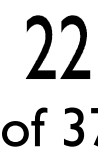
Sheet No. 21 of 37

1130 N Alma School Road Suite 120 Mesa, AZ 85201

T:480.503.2250 F:480.503.2258 www.epsgroupinc.com

EPS GROUP

Apr 15, 2025 6:53am S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt Highway\Civil\CAD\DWG\21-1365.03 - PP04.dwg



rwilliams Apr 15, 2025 6:58am S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt Highway\Civil\CAD\DWG\21-1365.03 - PP05.dwg



Attavado Road & Hunt Highway

Florence, AZ

Roadway Plan & Profile Sheet

Preliminary

95%

Not For
Construction
Or
Recording

Revisions:

EPS

GROUP

1130 N Alma School Road
Suite 120
Mesa, AZ 85201

T:480.503.2250|F:480.503.2258
www.epsgroupinc.com

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

ARIZONA 811

Arizona One Call, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-4348)
in Maricopa County: (602)285-1100

Designer:
TA

Drawn by:
RW

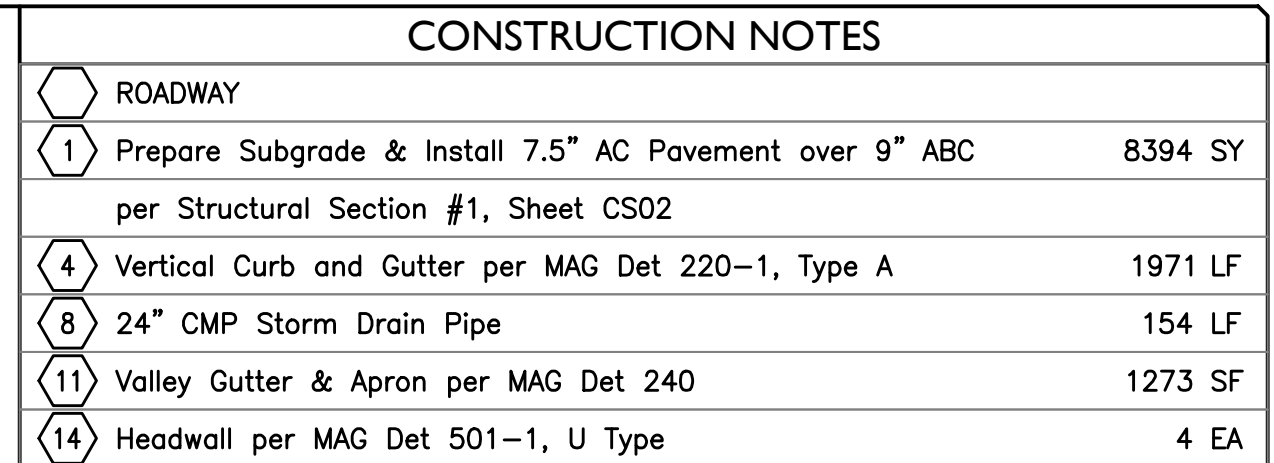
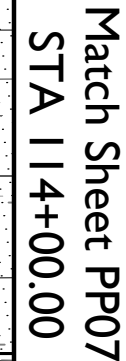
Job No. 21-1365.03

Dwg No. PP05

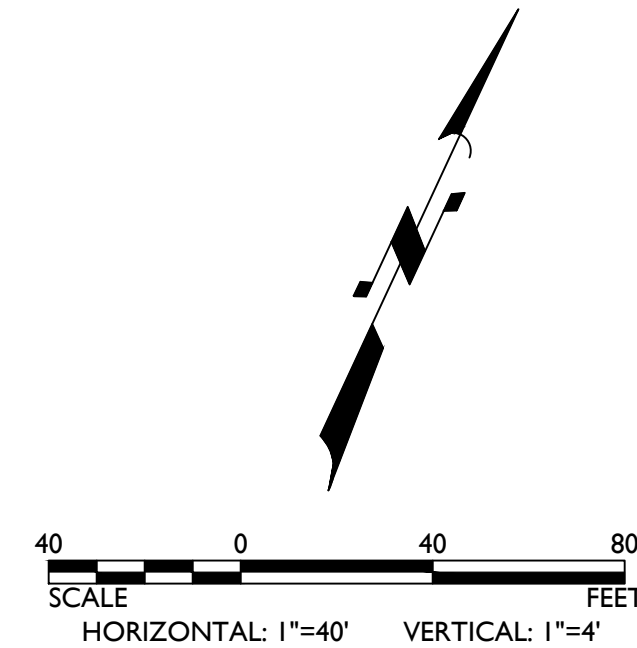
Sheet No. 23

of 37

rwiliams



Apr 15, 2025 6:05am S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt Highway\Civil\CAD\DWG\21-1365.03 - PP07.dwg



Profile view of a proposed highway section. The horizontal axis represents stationing from 114+00 to 121+00. The vertical axis represents elevation. The profile shows the existing ground (dashed line) and the proposed grade (solid line). The proposed grade is a constant 0.28% slope. The existing ground is shown as a dashed line. The profile also indicates the axis of rotation, hunt, and control grade (0.00%) and the proposed grade (0.28%). The profile is labeled with 'EXISTING GROUND' and 'PROPOSED GRADE'.

PAVEMENT LEGEND

7.5" AC ON 9" ABC

Attaway Road & Hunt Highway

Florence, AZ

Roadway Plan & Profile Sheet

Preliminary

95%

Not For
Construction
Or
Recording

REVISIONS:

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



ARIZONA 811
Arizona One Call Inc.

Dial 811-1 or 1-800-STAKE-IT (762-6348)
In Maricopa County: (602)263-1100

EPS
GROUP

1130 N Alma School Road
Suite 120
Mesa, AZ 85201

T:480.503.2250|F:480.503.2258
www.epsgroupinc.com

Designer:
TA

Drawn by:
RWV

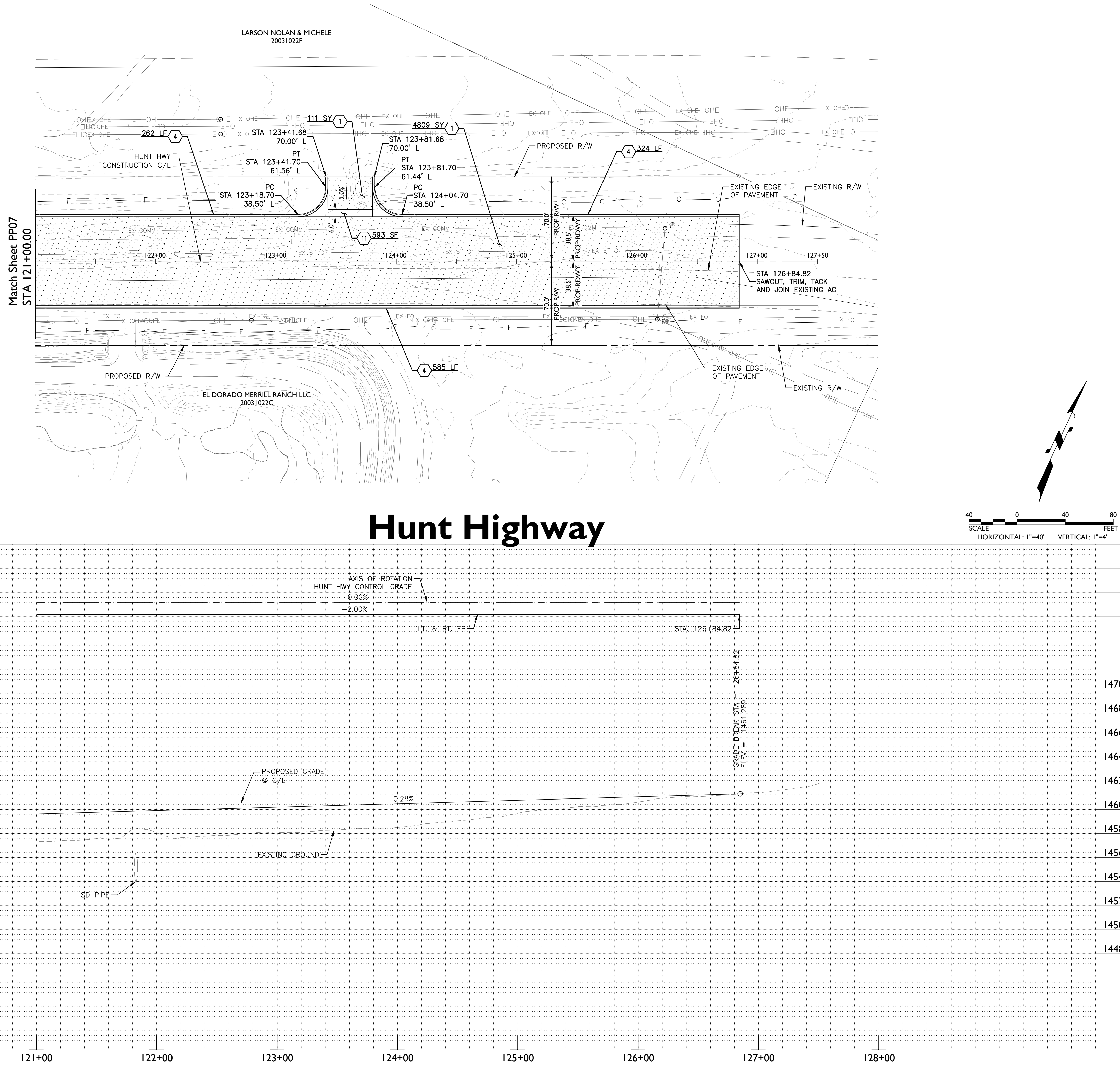
Job No. 21-1365.03

Dwg No. PP07

Sheet No.

25

of 37



CONSTRUCTION NOTES

ROADWAY		
1 Prepare Subgrade & Install 7.5" AC Pavement over 9" ABC	4920 SY	
per Structural Section #1, Sheet CS02		
4 Vertical Curb and Gutter per MAG Det 220-1, Type A	1171 LF	
11 Valley Gutter & Apron per MAG Det 240	593 SF	

PAVEMENT LEGEND

7.5" AC ON 9" ABC

Attaway Road & Hunt Highway

Florence, AZ

Roadway Plan & Profile Sheet

Preliminary

95%

Not For Construction Or Recording

Revisions

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

ARIZONA811

Dial 8-1-1 or 1-800-STAKE-IT (782-6348)

In Maricopa County: (602)263-1100

1130 N Alma School Road
Suite 120
Mesa, AZ 85201
T:480.503.2250 | F:480.503.2258
www.epsgruopinc.com

EPS GROUP

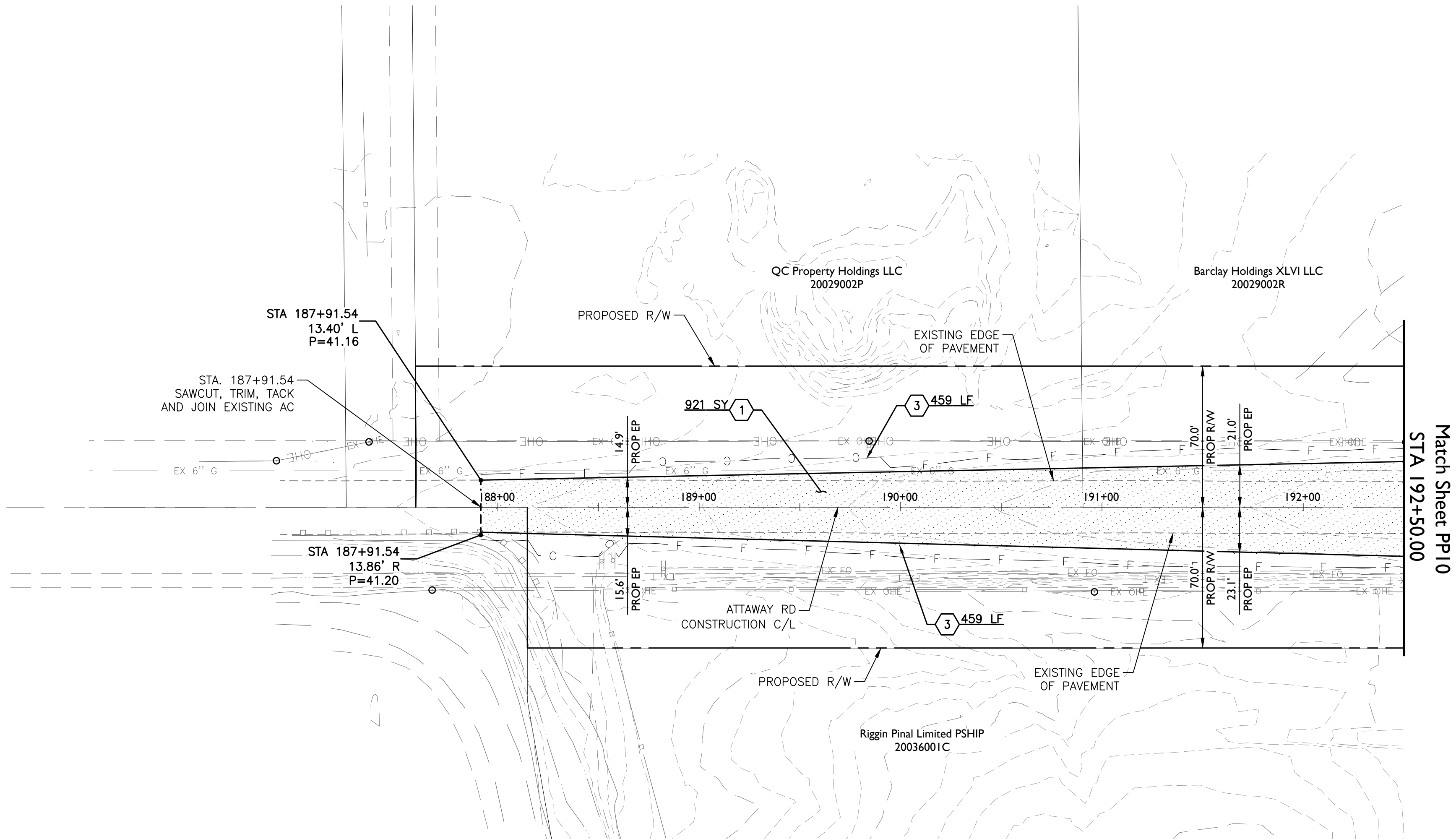
Designer: TA

Job No. 21-1365.03

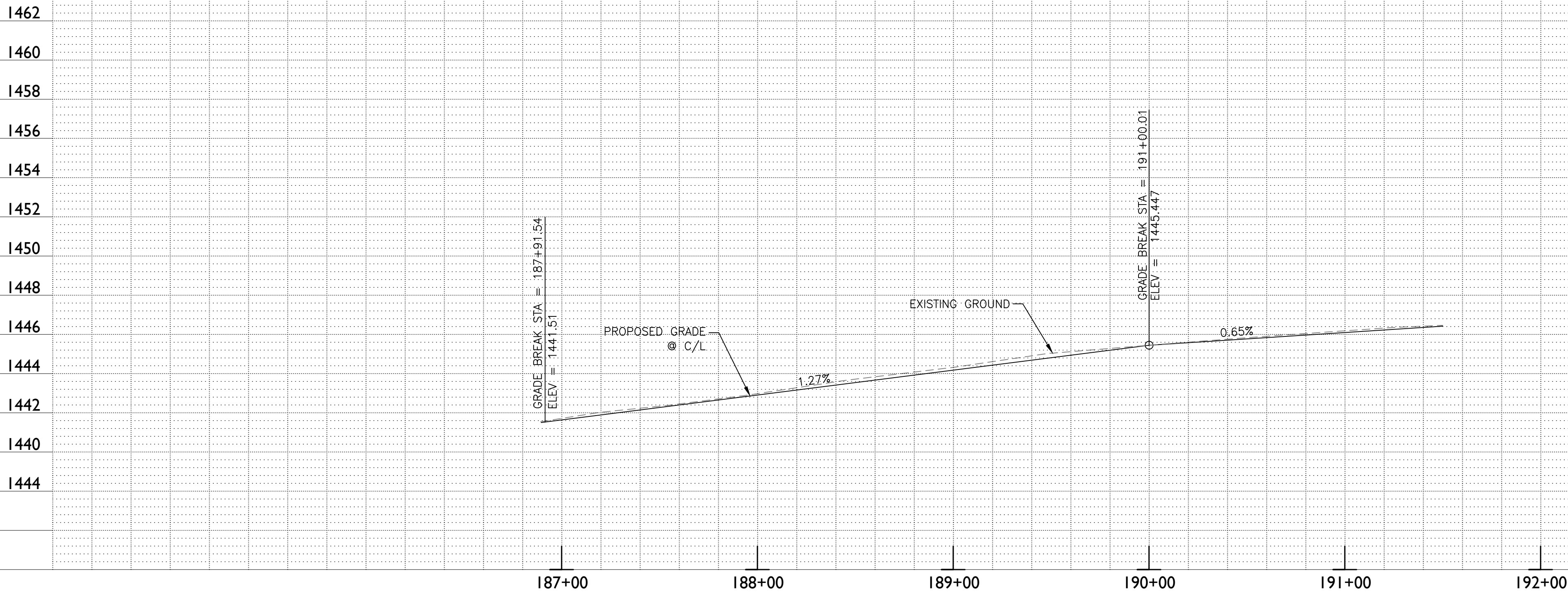
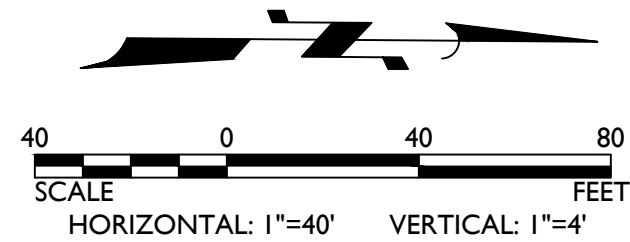
Drawn by: RW

Dwg No. PP08

Sheet No. 26 of 37



Attaway Road



CONSTRUCTION NOTES

ROADWAY	
1 Prepare Subgrade & Install 7.5" AC Pavement over 9" ABC	921 SY
per Structural Section #1, Sheet CS02	
3 Thickened Edge per MAG Det 201, Type A	918 LF

PAVEMENT LEGEND

7.5" AC ON 9" ABC

Attaway Road & Hunt Highway

Florence, AZ

Roadway Plan & Profile Sheet

Preliminary

60%

Not For Construction Or Recording

Revisions

ARIZONA811

Arizona One Stop, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-6348)

In Maricopa County: (602)263-1100

EPS GROUP

1130 N Alma School Road Suite 120 Mesa, AZ 85201

T:480.503.2250 F:480.503.2258

www.epsgroupinc.com

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

Designer: TA

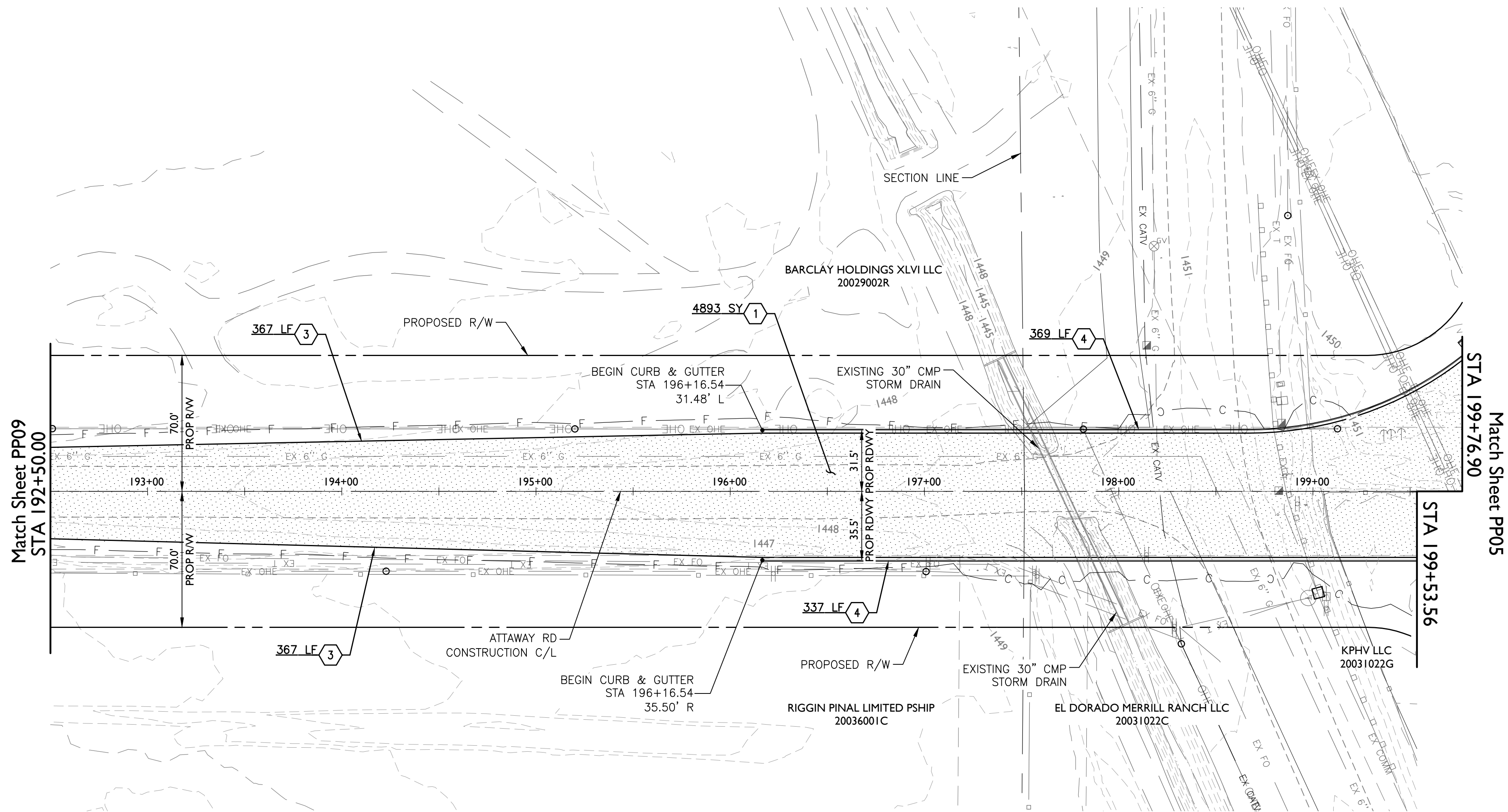
Drawn by: RW

Job No. 21-1365.03

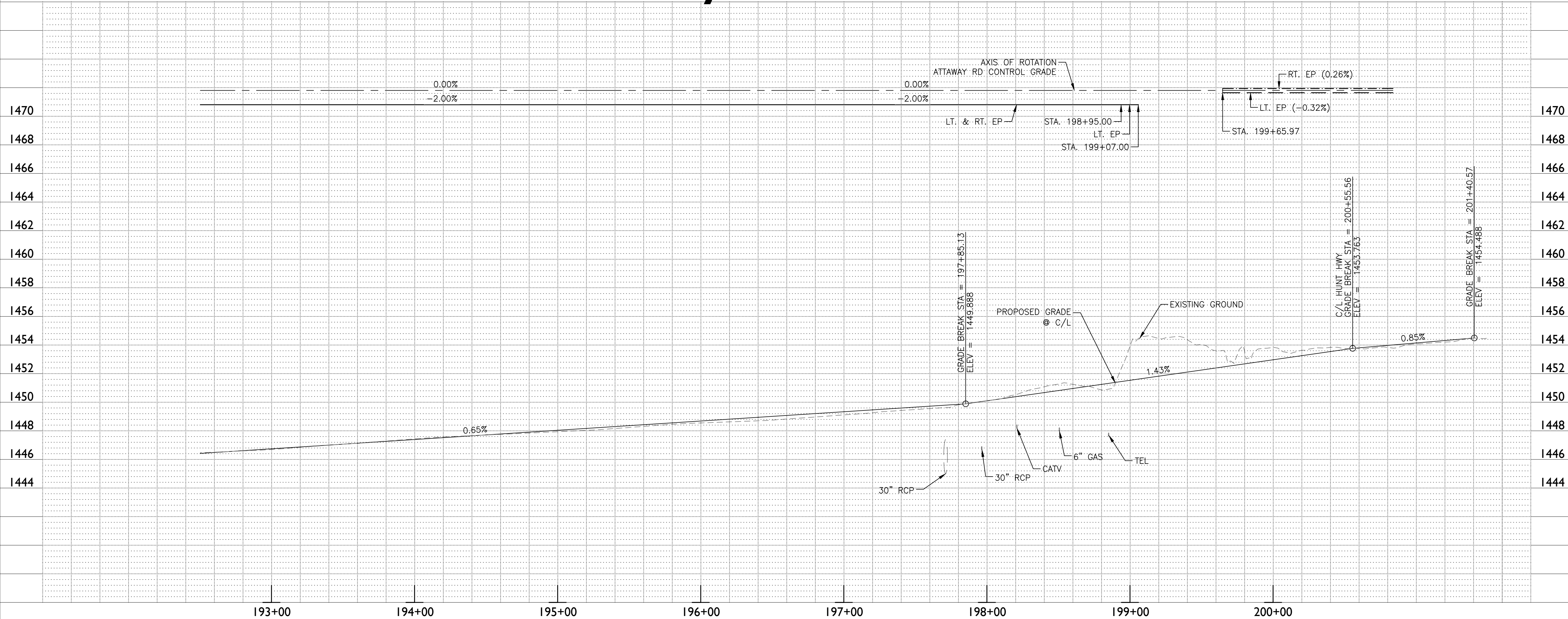
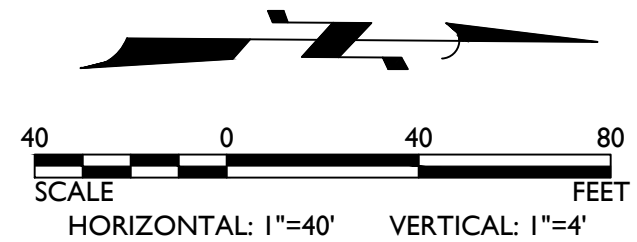
Dwg No. PP09

Sheet No. 27

of 36



Attaway Road



CONSTRUCTION NOTES

ROADWAY	
1 Prepare Subgrade & Install 7.5" AC Pavement over 9" ABC	4893 SY
per Structural Section #1, Sheet CS02	
3 Thickened Edge per MAG Det 201, Type A	734 LF
4 Vertical Curb and Gutter per MAG Det 220-1, Type A	706 LF

PAVEMENT LEGEND

7.5" AC ON 9" ABC

Attaway Road & Hunt Highway

Florence, AZ

Roadway Plan & Profile Sheet

Preliminary

95%

Not For Construction Or Recording

Revisions

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

ARIZONA811

Dial 8-1-1 or 1-800-STAKE-IT (782-6348) In Maricopa County: (602)263-1100

1130 N Alma School Road Suite 120 Mesa, AZ 85201 T:480.503.2250 F:480.503.2258 www.epsgroupinc.com

EPS GROUP

Designer: TA

Job No. 21-1365.03

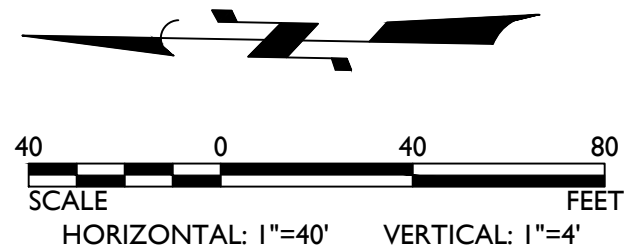
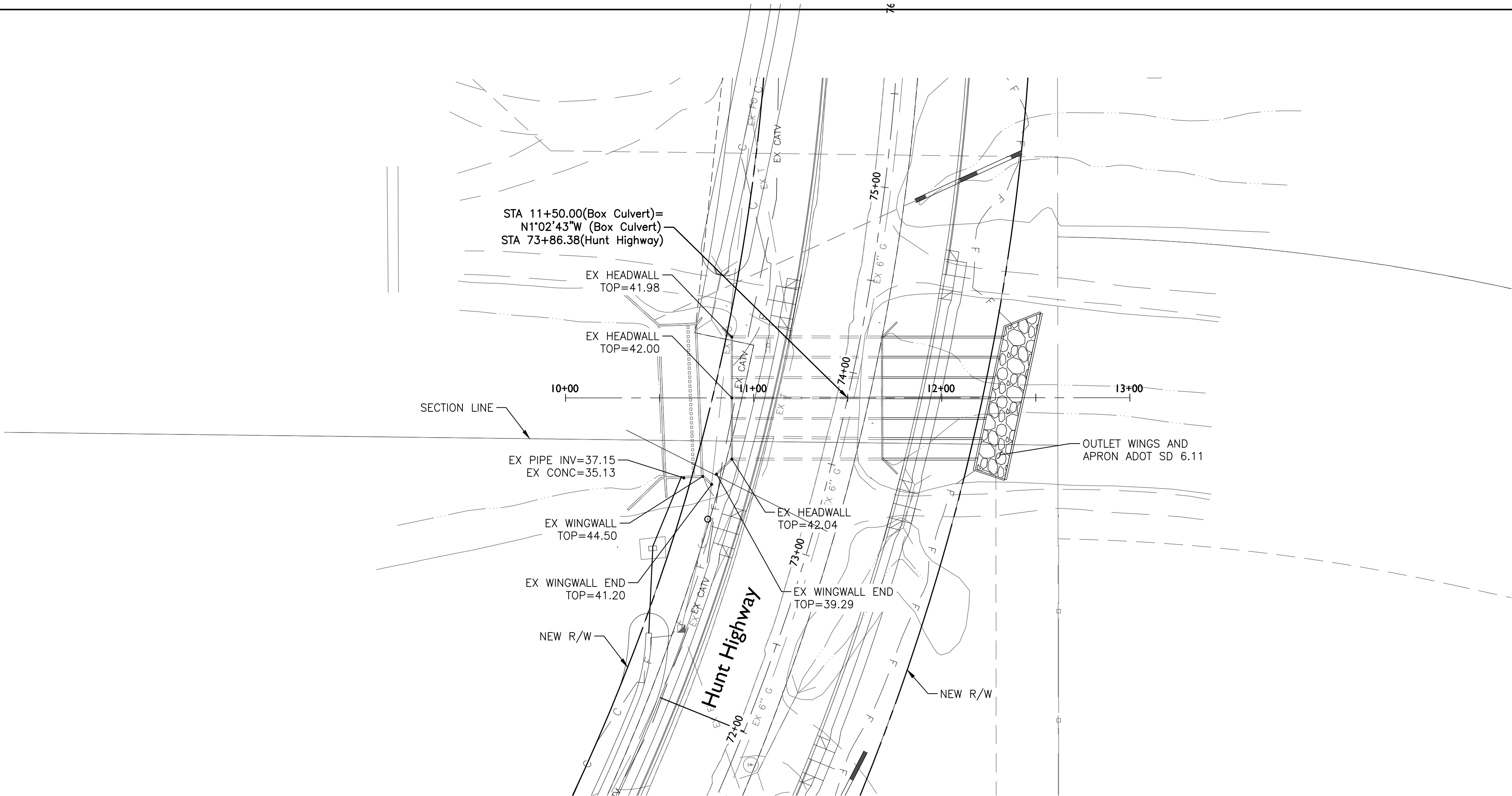
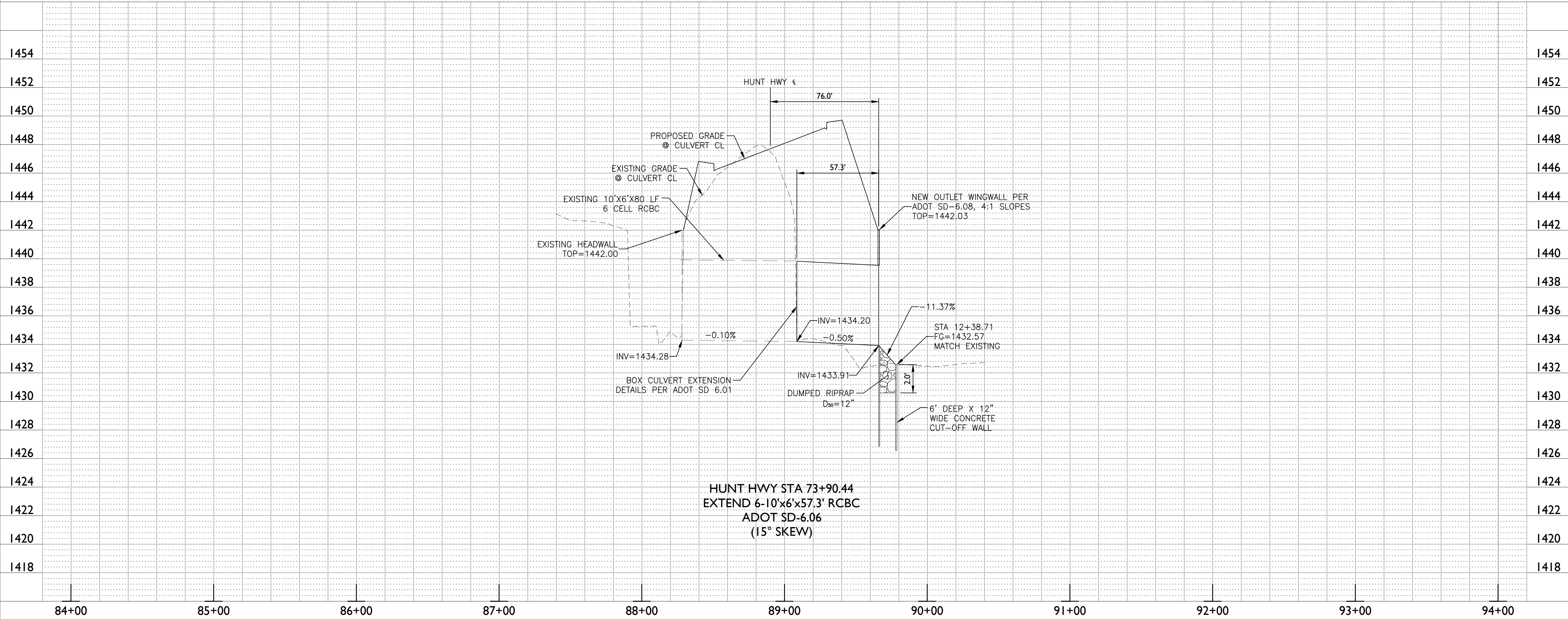
Drawn by: RW

Dwg No. PPI0

Sheet No. 28 of 37

21-1365.03 - Attaway Road & Hunt Highway

Apr 15, 2025 10:28am S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt Highway\Civil\Highway\CAD\DWG\21-1365.03 - DR01.dwg
rwiliams



CONSTRUCTION NOTES

Attaway Road & Hunt Highway
Florence, AZ

Culvert Plan & Profile

Preliminary
95%
Not For
Construction
Or
Recording

Revisions

Call at least two full working days before you begin excavation.
ARIZONA811
Arizona One Stop, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-6348)
In Maricopa County: (602)263-1100

Designer:
TA
Drawn by:
RW

Job No. 21-1365.03
Dwg No. DR01

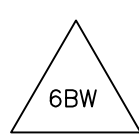
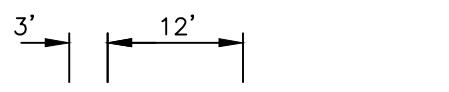
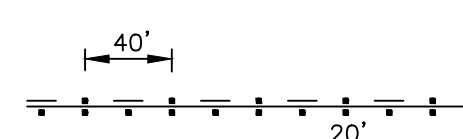
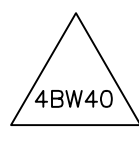
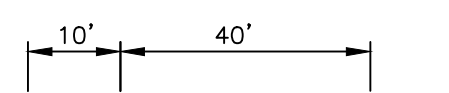
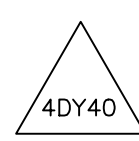
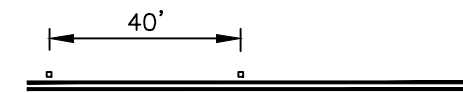
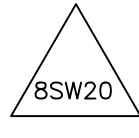
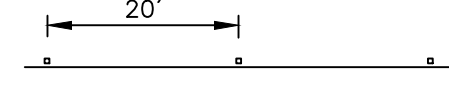
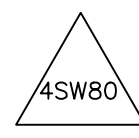
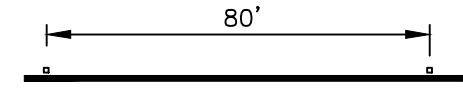
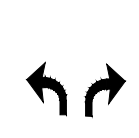
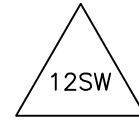
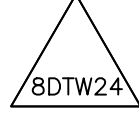
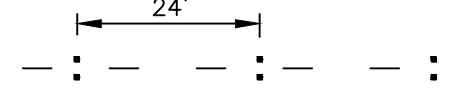
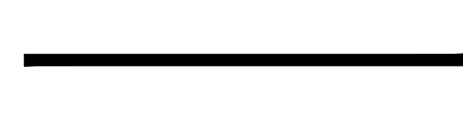
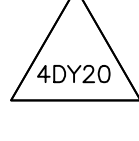
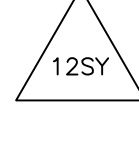
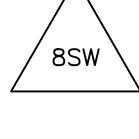
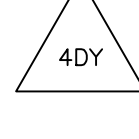
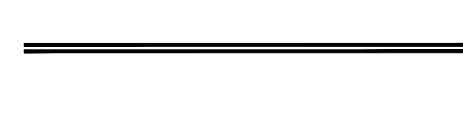
Sheet No. **29**
of 37

1130 N Alma School Road
Suite 120
Mesa, AZ 85201
T:480.503.2250 | F:480.503.2258
www.epsgruoinc.com

EPS GROUP

SIGNING AND PAVEMENT MARKING PLANS FOR ATTAWAY ROAD & HUNT HIGHWAY

PAVEMENT MARKING LEGEND

	6" BROKEN WHITE LINE WITH A 3' LINE SEGMENT AND A 12' GAP			4" DOUBLE YELLOW LINE, ONE SOLID, ONE BROKEN W/ TYPE D RPM'S	
	4" BROKEN WHITE LINE WITH A 10' LINE SEGMENT AND A 40' GAP			4" DOUBLE YELLOW LINE W/ TYPE D RPM'S @ 40' SPACING	
	8" SOLID WHITE LINE W/ TYPE G RPM'S @ 20' SPACING			4" SOLID WHITE LINE W/ TYPE G RPM'S @ 80' SPACING	
	12" SOLID WHITE LEFT AND RIGHT TURN ARROWS			12" SOLID WHITE LINE	
	8" DOTTED WHITE LINE WITH A 3' LINE SEGMENT AND A 9' GAP W/ TWO TYPE G RPM'S @ 24' SPACING			24" SOLID WHITE LINE	
	4" SOLID DOUBLE YELLOW LINE WITH TYPE D RPM'S @ 20' SPACING			12" SOLID YELLOW LINE	
	8" SOLID WHITE LINE			4" DOUBLE YELLOW LINE	
	12" SOLID WHITE MERGE ARROW				

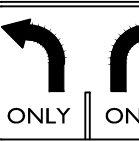
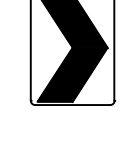
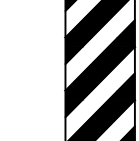
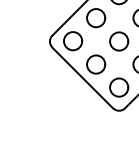
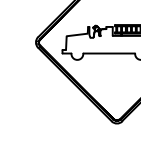
PAVEMENT MARKING NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A MCDOT APPROVED TRAFFIC CONTROL PLAN AND ALL TEMPORARY TRAFFIC CONTROL DEVICES NECESSARY FOR THE SAFETY OF THE PUBLIC AND THE WORKERS BEFORE ANY PAVEMENT MARKING LAYOUT BEGINS.
- CONTRACTOR SHALL SPOT THE ENTIRE PROJECT BEFORE APPLYING PAVEMENT MARKINGS. CONTRACTOR TO CALL MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION PROJECT INSPECTOR TO MAKE ARRANGEMENTS FOR INSPECTION PRIOR TO APPLYING PAVEMENT MARKINGS. THE PERMANENT PAVEMENT MARKING PLANS MAY BE MODIFIED AS DIRECTED BY THE ENGINEER OR A DESIGNATED REPRESENTATIVE. ANY PAVEMENT MARKINGS APPLIED BEFORE LAYOUT APPROVAL BY INSPECTOR SHALL BE SUBJECT TO REMOVAL AND RESTRIPING AT THE CONTRACTOR'S EXPENSE.
- ALL NO PASSING ZONES SHOWN ON THE PLANS ARE SUBJECT TO CHANGE IN THE FIELD BY THE COUNTY'S TRAFFIC ENGINEER OR A DESIGNATED REPRESENTATIVE. PAVEMENT MARKINGS QUANTITIES MAY VARY.
- ALL PAVEMENT MARKINGS SHALL BE DONE IN APPROVED THERMOPLASTIC MATERIALS. CROSSWALKS, STOP BARS, HOLDING BARS, AND ALL LONGITUDINAL LINES SUCH AS LANE LINES, EDGE LINES, CENTER LINES, AND TAPER LINES SHALL BE INSTALLED WITH A THICKNESS OF NINETY (90) MILS. PAVEMENT MARKINGS IN PAINT - IF APPROVED - SHALL BE INSTALLED WITH A THICKNESS FIFTEEN (15) MILS. THERMOPLASTIC SHALL NOT BE APPLIED TO CHIP SEAL PROJECTS.
- THERMOPLASTIC PAVEMENT MARKINGS SHALL NOT BE APPLIED TO ANY NEW SUPERPAVE OR MARSHALL ASPHALT PAVEMENT SURFACE WITHIN THE FIRST 72 HOURS.
- THERMOPLASTIC PAVEMENT MARKINGS SHALL NOT BE APPLIED TO ANY NEW ASPHALT-RUBBER PAVEMENT SURFACE WITHIN THE FIRST 30 DAYS AFTER THE PAVEMENT PLACEMENT. THE CONTRACTOR SHALL INSTALL PAINTED TEMPORARY PAVEMENT MARKINGS AT THE LOCATIONS WHERE THERMOPLASTIC PAVEMENT MARKINGS ARE REQUIRED.
- THERMOPLASTIC PAVEMENT MARKINGS SHALL NOT BE APPLIED TO ANY NEW SURFACE TREATMENT (SLURRY SEAL, MICROSURFACING AND OTHER SURFACE TREATMENTS) WITHIN THE FIRST 30 DAYS AFTER PLACEMENT. CONTRACTOR SHALL INSTALL PAINTED TEMPORARY PAVEMENT MARKINGS AT LOCATIONS WHERE THERMOPLASTIC PAVEMENT MARKINGS ARE REQUIRED.
- RAISED PAVEMENT MARKERS WILL BE INSTALLED ON THE NEW PAVEMENT IF RAISED PAVEMENT MARKERS WERE EXISTING WITHIN THE PROJECT.
- FOR CONSTRUCTION PROJECTS WHERE NEW PAVEMENT MARKINGS SHALL MATCH EXISTING PAVEMENT MARKINGS AND OBLITERATION IS NECESSARY, IT SHALL BE ACCOMPLISHED BY WATER BLASTING OR OTHER APPROVED METHODS. THE CONTRACTOR SHALL SEAL THE AREA WITH SLURRY AS PER MGS STANDARD, SPECIFICATION 715, WITH EMULSIFIED ASPHALT SLURRY TYPE II OR AS DIRECTED BY THE PROJECT INSPECTOR. THE CONTRACTOR SHALL VERIFY WITH THE MCDOT INSPECTOR OR A DESIGNATED REPRESENTATIVE OF THE TIME LAPSE THE SLURRY WAS APPLIED TO COORDINATE INSTALLATION OF NEW THERMOPLASTIC MARKINGS.
- PAINTING OVER PAVEMENT MARKINGS DOES NOT CONSTITUTE PAVEMENT MARKING OBLITERATION. PAVEMENT MARKING OBLITERATION MAY GO BEYOND DESIGNATED PROJECT PAVEMENT MARKING OBLITERATION SHALL EXTEND AS NEEDED TO ALLOW APPROPRIATE MATCHING OF THE NEW PAVEMENT MARKINGS WITH THE EXISTING PAVEMENT MARKINGS. PAVEMENT MARKING DIMENSIONS ARE TO THE CENTER OF STRIPE FOR SINGLE LINES AND TO THE CENTER OF THE SPACE BETWEEN TWO LINES FOR DOUBLE LINES EXCEPT WHERE THERE IS CURB AND GUTTER THE DIMENSION IS TAKEN FORM THE FACE OF CURB.
- ALL SYMBOLS AND WORD LEGENDS SHALL BE PERFORMED PAVEMENT MARKINGS PER THE SPECIFICATION SECTION 462.24

SIGNING NOTES

- THE ENGINEER MAY REQUIRE THE CONTRACTOR TO ADJUST SIGNING AS NECESSARY.
- SIGN LOCATIONS AND OFFSETS MAY BE ADJUSTED BY THE ENGINEER TO IMPROVE VISIBILITY.
- ALL WARNING, REGULATORY AND ARTERIAL STREET NAME SIGNS MUST BE MANUFACTURED OF "ASTM D-4956-04 PROPOSED TYPE XI SHEETING" (3M DG3 4090 SERIES OR EQUIVALENT) ALL OTHER SIGNS MUST BE MANUFACTURED WITH "ASTM D-4956-04 TYPE IV SHEETING" (3M 3930 SERIES OR EQUIVALENT) WHICH WILL BE ATTACHED TO THE STANDARD SIGNAGE ALUMINUM PLATES. SIGN IMAGING SHALL BE IN COMPLIANCE WITH THE REFLECTIVE SHEETING MANUFACTURES MATCHED COMPONENT SYSTEM. SIGN IMAGING SHALL CONSIST OF AN ACRYLIC BASED ELECTRONIC CUTTABLE FILM (3M1170 SERIES OR EQUIVALENT) OR SILK SCREENED (DEPENDING ON THE QUANTITY OF SIGNAGE) WITH STANDARD HIGHWAY COLORS. IN ADDITION, IF CALLED OUT ON PLANS, TO CREATE A GRAFFITI-PROTECTIVE COATING, A PROTECTIVE OVERLAY FILM 3M 1160 OR EQUIVALENT SHALL BE USED WHICH IS DESIGNATED TO COMPLY WITH THE UNDERLYING REFLECTIVE SHEETING MATCH COMPONENT SYSTEM.
- WARRANTY DOCUMENTS ARE REQUIRED AND MUST BE SUBMITTED PRIOR TO JOB ACCEPTANCE.
- ALL TRAFFIC CONTROL SIGNS, EXCEPT STOP SIGNS, MUST BE RIGID OR SPRING STAND PER ADOT STANDARDS.
- SPEED LIMIT SIGNS (R2-1) ARE TO BE INSTALLED AT FOUR SIGNS PER SIDE, PER MILE.
- STOP SIGNS (R1-1) ARE TO BE 30 INCHES BY 30 INCHES, MINIMUM SIZE.
- ADVANCE STREET NAME SIGNS ARE TO BE INSTALLED AT A HEIGHT OF 4 FEET TO THE BOTTOM OF SIGN AND PLACED SO THEY ARE NOT OBSTRUCTED BY VEGETATION. SIGNS ARE TO BE INSTALLED IN MEDIANS WHENEVER POSSIBLE.
- ALL EXISTING SIGNS TEMPORARILY REMOVED BY THE CONTRACTOR MUST BE SALVAGED FOR REINSTALLATION BY THE CONTRACTOR.
- ALL EXISTING SIGNS PERMANENTLY REMOVED BY THE CONTRACTOR MUST BE SALVAGED AND RETURNED TO THE PUBLIC WORKS SUPERINTENDENT.

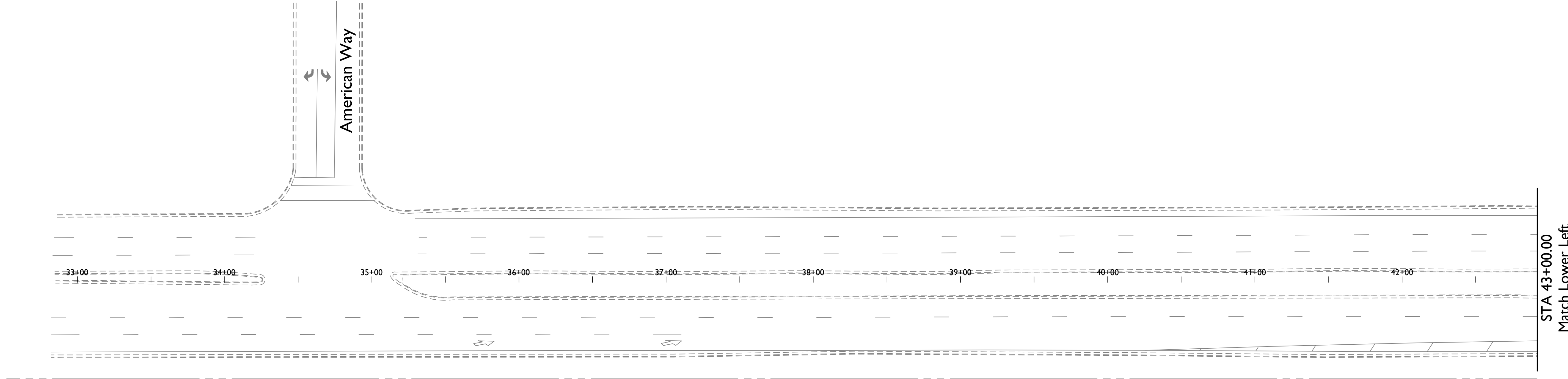
SIGNING LEGEND

	SPEED LIMIT SIGN (R2-1 (45) - 30"x36")		SPEED LIMIT SIGN (R2-1 (50) - 30"x36")		MERGE LEFT SIGN (W9-101L - 36"x36")		RIGHT TURN ONLY (R3-5R - 30"x36")
	ADVISORY SPEED PLAQUE (W13-130 - 24"x24")		ADVANCE INTERSECTION LANE CONTROL SIGN (R3-8LR - 36"x30")		RIGHT CURVE AHEAD SIGN (W1-2R - 36"x36")		LEFT CURVE AHEAD SIGN (W1-2L - 36"x36")
	DIVIDED HIGHWAY ROAD SIGN (W6-1 - 36"x36")		KEEP RIGHT SIGN (R4-7 - 24"x30")		LANE ENDS SIGN (W4-2 - 36"x36")		LANE ENDS SIGN (W4-2R - 36"x36")
	CHEVRON ALIGNMENT (W1-8R - 18"x24")		XXXX (OM-3L - XX"XXX")		OBJECT MARKER (OM1-1 - 18"x18")		EMERGENCY VEHICLE SIGN (W11-8 - 36"x36")
	TWO DIRECTION LARGE ARROW SIGN (W1-7 - 48"x24")		NO PASSING ZONE SIGN (W14-3 - 40"x30")		RIGHT LANE PLAQUE (R3-5fP - 30"x12")		XXXXXXX (XX-XX - XX"XXX")
					STREET NAME SIGN (D3-1 - SIZE VARIES)		

ESTIMATED QUANTITIES – PAVEMENT MARKINGS						
STRIPING IS BASED ON A 4 INCH LINE		RAISED PAVEMENT MARKERS		LEGEND & QUANTITY		
WHITE	<u>23,813</u>	± LF.		STIMSONITE MARKERS – 4 INCH WIDTH TYPE D = YELLOW, 1–WAY Reflective TYPE G = CLEAR, 1–WAY Reflective □ = <u>1800</u> ± Ea.		
YELLOW	<u>23574</u>	± LF.				
RAISED YELLOW MEDIANS		TURN ARROWS	ONLY LEGENDS	BIKE LANE SYMBOLS		
YELLOW	<u>—</u>	± Ea.	LEFT	<u>5</u>	± Ea.	
			RIGHT	<u>2</u>		± Ea.
			COMBO	<u>—</u>		
TOTAL		<u>—</u>	± Ea.			
TOTAL		<u>—</u>	± Ea.			
RPM NOTE: MARKERS SHALL BE PLACED SO THAT REFLECTIVE FACE IS PERPENDICULAR TO TRAFFIC.						
EX. STRIPING OBLITERATION: <u>1,091</u> ± LF						

ESTIMATED QUANTITIES - SIGNING	
DESCRIPTION	QUANTITY
SIGN POST	<u>110</u> LF
FOUNDATION	<u>11</u> EA
SIGN PANEL	<u>72</u> SF

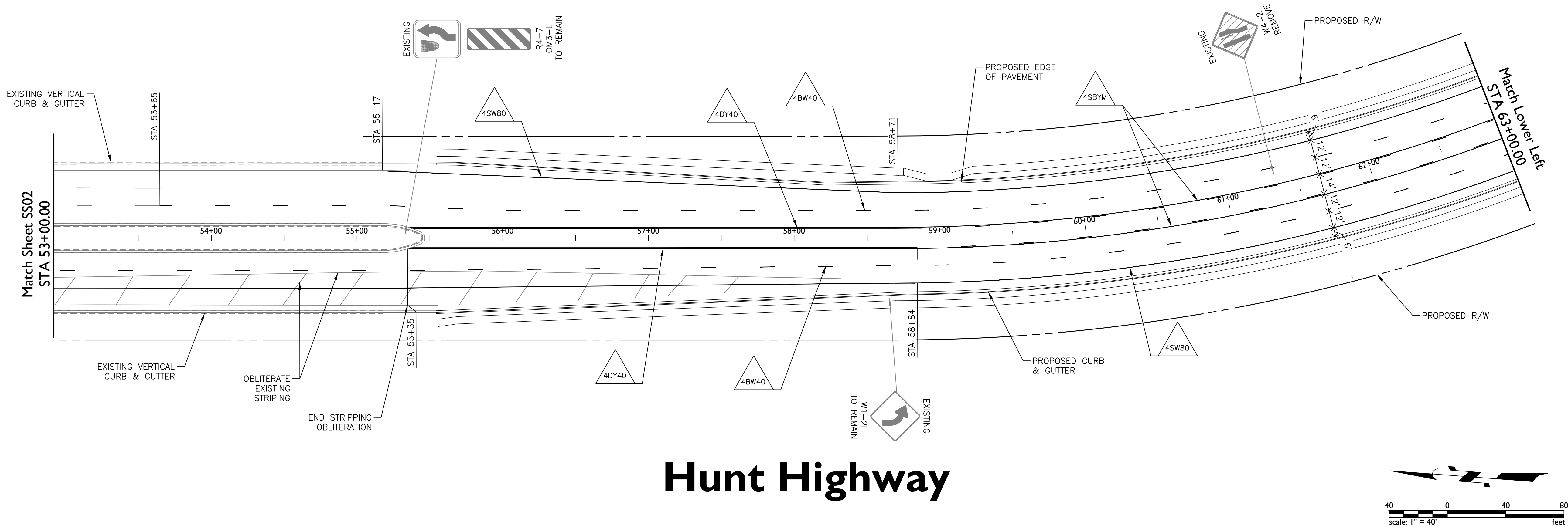
Hunt Highway



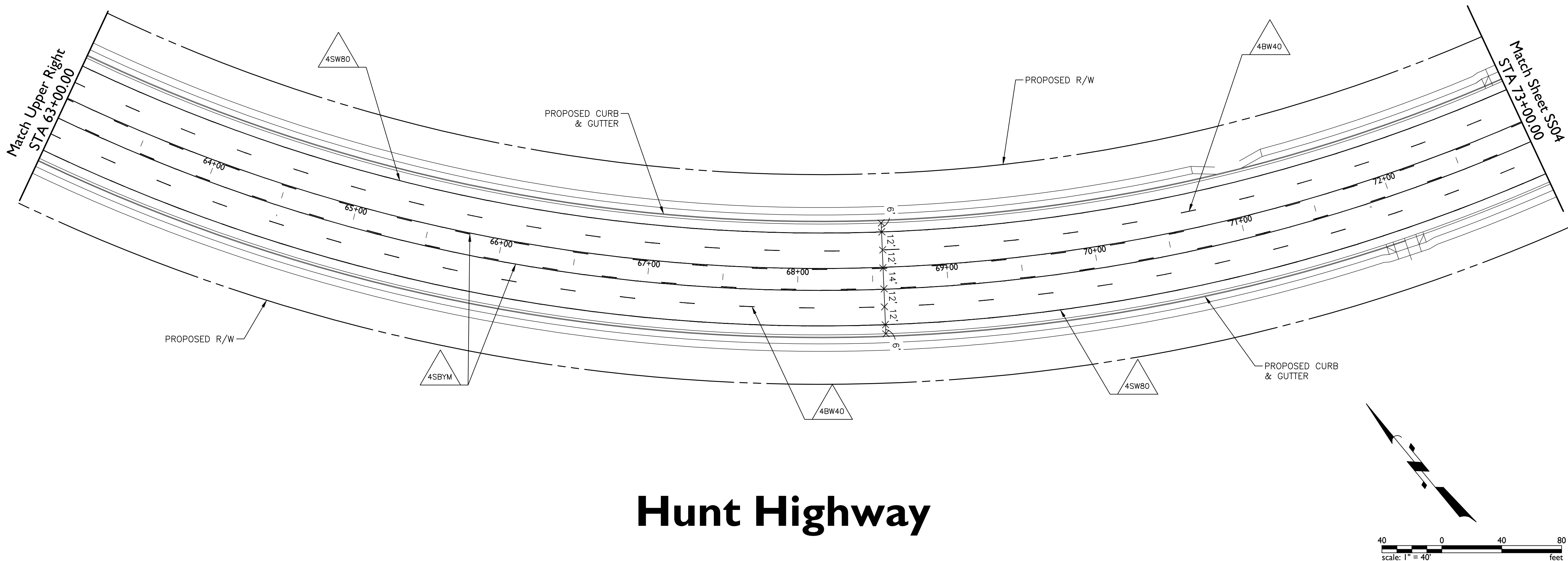
21-1365.03 - Hunt Highway & Attaway Road

Apr 15, 2025 10:46am S:\Projects\2021\21-1365\21-1365.03 Florence Attaway\Hunt Highway\Civil\CAD\DWG\21-1365.03 - SS03.dwg

rwilliams



Hunt Highway



Hunt Highway

Project:

Hunt Highway & Attaway Road

Revisions:

Design:

TA

Drawn by:

RW

Preliminary

95%

Not For Construction Or Recording

Job No.

21-1365.03

Sheet No.

32 of 37

SS03

EPS GROUP

1130 N Alma School Road
Suite 120
Mesa, AZ 85201
T:480.503.2250 | F:480.503.2258
www.epsgroupinc.com

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

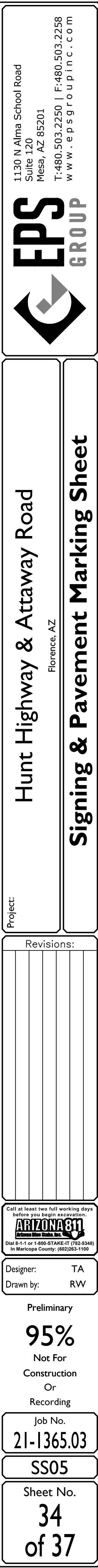
ARIZONA 811

800.481.4811 or 1-800-875-ARIZONA (2747) in Maricopa County: (602)263-1100



Hunt Highway

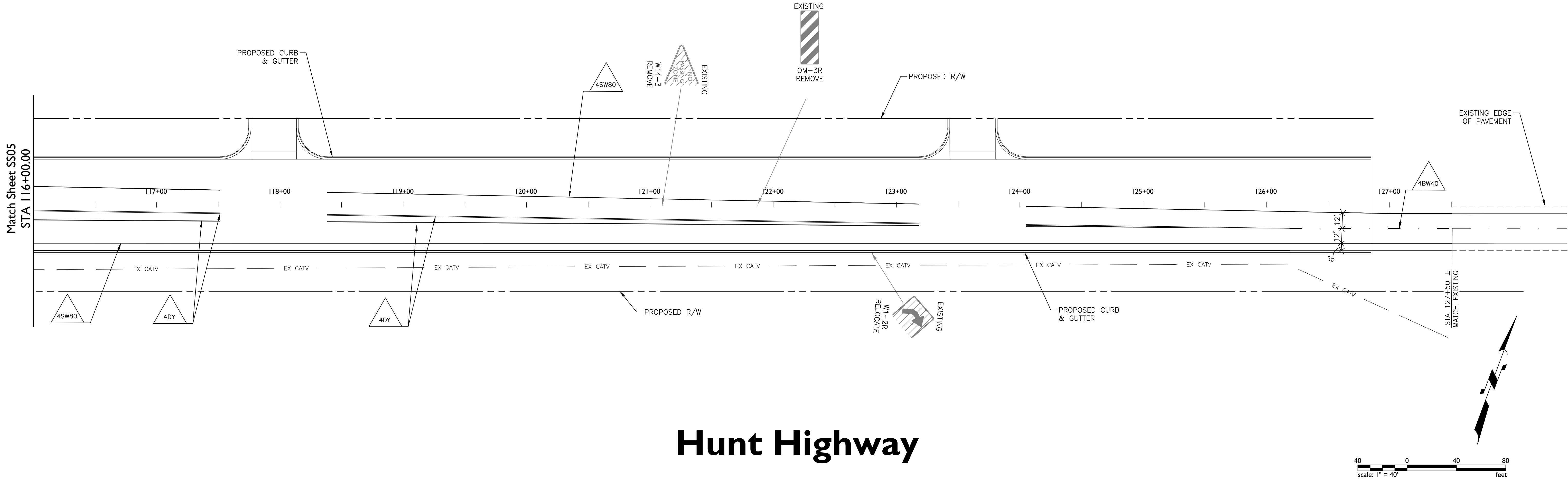




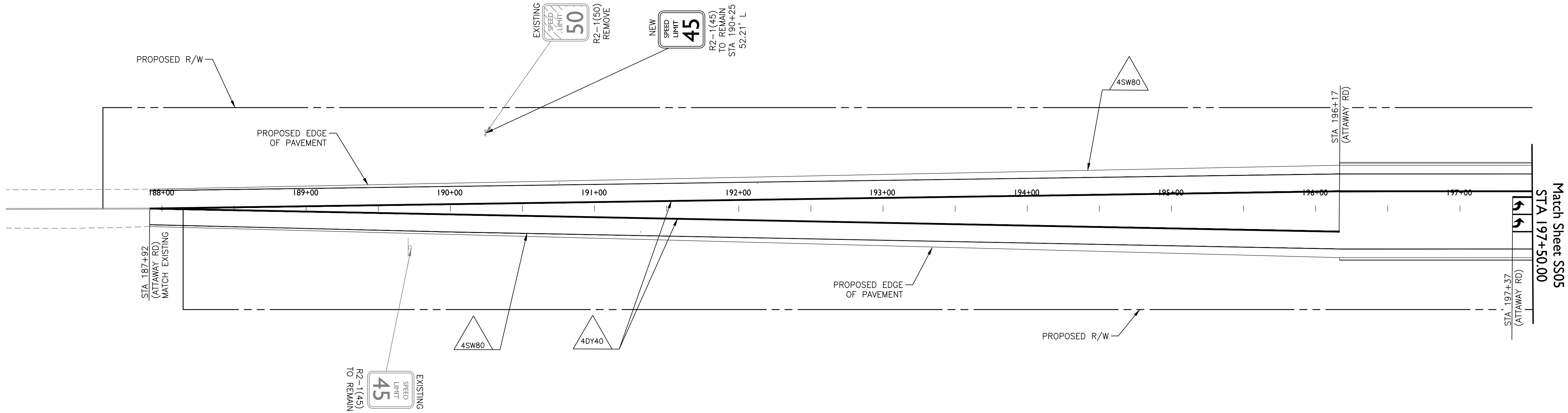
21-1365.03 - Hunt Highway & Attaway Road

Apr 15, 2025 2:11pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway Hunt Highway Civil CAD\DWG\21-1365.03 - SS06.dwg

istine



Hunt Highway



Attaway Road

1130 N Alma School Road
Suite 120
Mesa, AZ 85201
T:480.503.2250 | F:480.503.2258
www.epsgroupinc.com

Project:
Hunt Highway & Attaway Road
Florence, AZ

Revisions:

No.	Description	By	Date

Call 811 or 1-800-875-ARIZONA
in Maricopa County: (602)263-1100

Designer: TA
Drawn by: RW

Preliminary
95%
Not For
Construction
Or
Recording
Job No.
21-1365.03

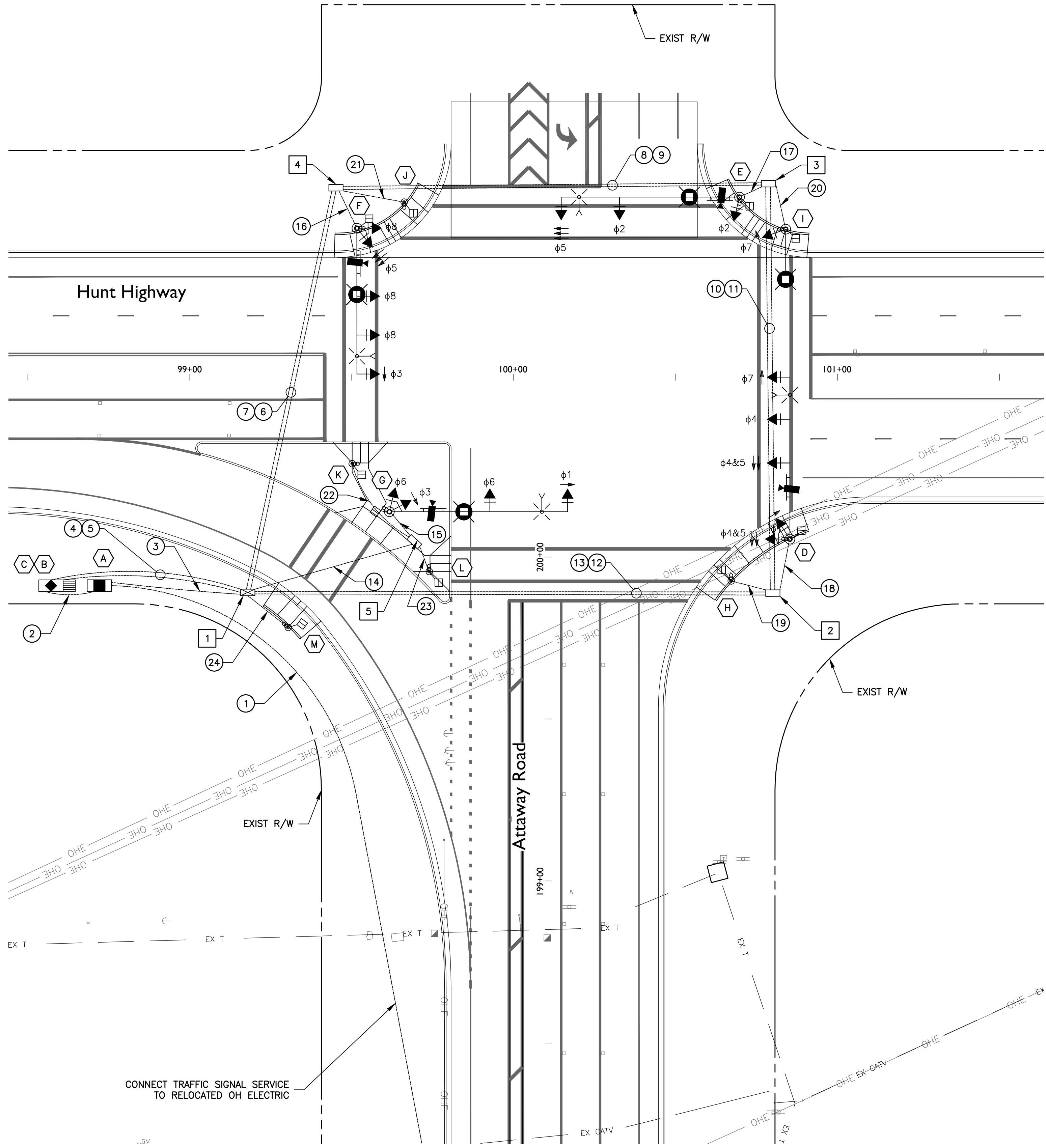
SS06

Sheet No.
35
of **37**

21-1365.03 - Hunt Highway & Attaway Road

Apr 14, 2025 1:49pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway Hunt Highway Civil CAD.DWG 21-1365.03 - TS01.dwg

ibeter



PLAN NOTES:

1. All material and installation shall conform to the 2021 Standard Specifications and ADOT's most current Traffic Signals and Lighting Standard Drawings.
2. The locations of utilities shown on the plans are approximate. All involved utilities may not be shown on the plans. The Contractor shall be responsible, per Section 730-6 of the Standard Specifications, for contacting all utilities for exact locations prior to any construction activity.
3. For electrical service, the Contractor shall coordinate with ED2. All applications fees and connections fees will be paid by the Contractor to ED2 after review by the Engineer. The Contractor will then submit the paid invoices to the Resident Engineer for reimbursement through item number 9240015, Provide Electrical Services.
4. See striping plans to verify actual lane dimensions and stop bar locations.
5. All back plates for signal faces shall be lowered.
6. All pull boxes shall be left in a clean condition, free of dirt and debris upon completion of the work.
7. Extend conduits to new pull box locations as shown on the plans.
8. The Contractor shall field verify all pole locations with the Engineer, prior to any constructions activity.
9. Top of pole foundation shall be the same elevation as the top of the finished sidewalk ramp, or the adjacent finished roadway surface, in sloped areas. Construct compacted fill around foundations for full structural support at poles.

LEGEND

METER PEDESTAL

CONTROLLER CABINET w/ BBS

NO. 5 PULLBOX

NO. 7 PULLBOX WITH EXTENSION

NO. 7 PULLBOX

TRAFFIC SIGNAL HEAD

VIDEO DETECTION CAMERA

EMERGENCY VEHICLE DETECTOR

PEDESTRIAN PUSH BUTTON

PEDESTRIAN SIGNAL HEAD

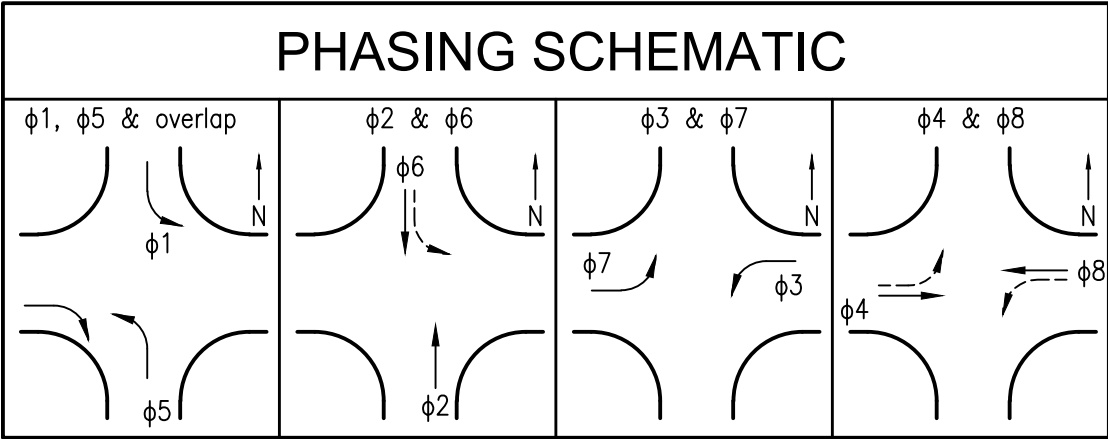
LUMINAIRES

VIDEO DETECTION ZONE AND PHASE NUMBER

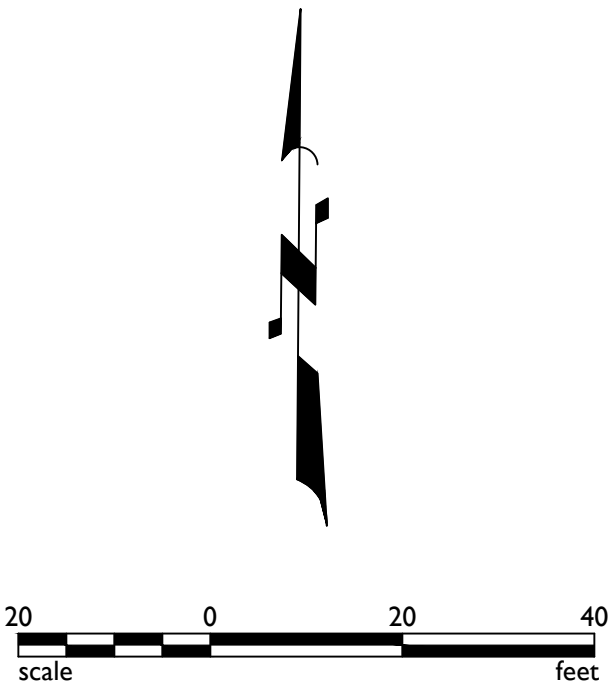
TRAFFIC SIGNAL (SEE POLE SCHEDULE)

CONDUIT RUN NUMBER (SEE CONDUCTOR SCHEDULE)

NEW PULLBOX (SEE PULLBOX SCHEDULE)



NO.	TYPE	LOCATION (Hunt Hwy Sta)
1	NO. 7 W/ EXTENSION	Sta 99+17, 74' Rt
2	NO. 7	Sta 100+85, 60' Rt
3	NO. 7	Sta 100+84, 55' Lt
4	NO. 7	Sta 99+76, 55' Lt
5	NO. 7	Sta 99+69, 50' Rt



1130 N Alma School Road
Suite 120
Mesa, AZ 85201
T:480.503.2350 | F:480.503.2358
www.epsgroupinc.com

Project:

Hunt Highway & Attaway Road
Florence, AZ

Revisions:

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

One Call 811 or 1-800-875-ARIZONA (2747) in Maricopa County: (602)263-1100

Designer: JB
Drawn by: RW

Preliminary
95%
Not For
Construction
Or
Recording
Job No.
21-1365.03
TS01
Sheet No.
36
of **37**

CABINETS						REMARKS	LOCATION		
CABINET		TYPE	CONTROLLER	AUX CONTROL					
(A)		MYERS METER PEDESTAL	—	FURNISH & INSTALL PEC AND LTG CONTACTOR		ELECTRICAL SERVICE ADDRESS: CONTRACTOR TO VERIFY WITH TOWN OF FLORENCE. SEE NOTE 13.	Sta 98+72, 65' Rt		
(B) (C)		TS2, TYPE I CABINET W/ MAINT PAD/ BBS CABINET	COBALT SHELFMOUNT CONTROLLER NEMA EAGLE MOBOTREX CABINET WITH ALPHA BBS ENCLOSURE	TS2, TYPE I CABINET		SEE NOTE 12.	Sta 98+60, 65' Rt		
POLES			MAST	ARMS	SIGNALS		PED P.B. SIGN	REMARKS	LOCATION
NO.		TYPE	SIG.	LUM.	MTG.	FACE			
(D)		K	50'	—	3—II 1—VII	1—F 2—Q (RT) 2—G (LT)	NEW R10—3eLAZ	TOP OF POLE FOUNDATION ELEVATION: SEE NOTE 3. FURNISH AND INSTALL VIDEO DETECTION CAMERA, STREET NAME SIGN AND EVD (SEE POLE SCHEDULE NOTE 1)	Sta 100+85.23, 50.01' Rt
(E)		RL	55'	20'	2—II 1—V	1—R (LT) 2—F	NEW R10—3eLAZ	TOP OF POLE FOUNDATION ELEVATION: SEE NOTE 3. FURNISH AND INSTALL VIDEO DETECTION CAMERA, STREET NAME SIGN AND EVD INSTALL LUMINAIRE, (SEE POLE SCHEDULE NOTES 1,2&3).	Sta 100+69.66, 59.58' Lt
(F)		RL	45'	20'	3—II 1—VII	3—F 1—G (LT) 1—R (LT)	NEW R10—3eLAZ	TOP OF POLE FOUNDATION ELEVATION: SEE NOTE 3. FURNISH AND INSTALL VIDEO DETECTION CAMERA, STREET NAME SIGN AND EVD INSTALL LUMINAIRE, (SEE POLE SCHEDULE NOTES 1,2&3).	Sta 99+51.58, 45.99' Lt
(G)		RL	55'	20'	2—II 1—VII	2—F 2—G (LT)	NEW R10—3eRAZ	TOP OF POLE FOUNDATION ELEVATION: SEE NOTE 3. FURNISH AND INSTALL VIDEO DETECTION CAMERA, STREET NAME SIGN AND EVD INSTALL LUMINAIRE, (SEE POLE SCHEDULE NOTES 1,2&3).	Sta 99+61.60, 41.56' Rt
(H)		A	—	—	1—XI	1—PED	NEW R10—3eRAZ	TOP OF POLE FOUNDATION ELEVATION: SEE NOTE 3.	Sta 100+67.11, 62.91' Rt
(I)		G	—	20'	1—V 1—XI	1—G (LT)	NEW R10—3eRAZ	TOP OF POLE FOUNDATION ELEVATION: SEE NOTE 3. INSTALL LUMINAIRE, (SEE POLE SCHEDULE NOTES 1&2).	Sta 100+83.93, 45.67' Lt
(J)		A	—	—	1—XI	1—PED	NEW R10—3eRAZ	TOP OF POLE FOUNDATION ELEVATION: SEE NOTE 3.	Sta 99+66.16, 54.04' Lt
(K)		A	—	—	1—XI	1—PED	NEW R10—3eRAZ	TOP OF POLE FOUNDATION ELEVATION: SEE NOTE 3.	Sta 99+50.14, 26.73' Rt
(L)		A	—	—	1—XI	1—PED	NEW R10—3eLAZ	TOP OF POLE FOUNDATION ELEVATION: SEE NOTE 3.	Sta 99+73.91, 60.03' Rt
(M)		A	—	—	1—XI	1—PED	NEW R10—3eLAZ	TOP OF POLE FOUNDATION ELEVATION: SEE NOTE 3.	Sta 99+30.35, 77.29' Rt

1. Emergency Vehicle Preemption shall be Strobecom II 4090 Series.
2. Luminaires to be (LED Type, 3000K, 120V, 21,000 lumen) horizontal mount.
3. Top of pole foundation to be flush with adjacent sidewalk. Depth of pole foundation to be increased or ground fill to be added, as directed by the Engineer, to provide a minimum foundation depth and capable of structural integrity per ADOT Standard Drawing T.SL.4 Series
4. The control cabinet shall be wired and labeled with the same phase number designations for initial and future phases as shown in the phase movement diagram, or as noted on the plans. Any control cabinet not wired accordingly will be rejected by the Engineer.
5. The Contractor shall field verify all pole locations with the Engineer prior to any construction activity.
6. All exposed conduit and fittings installed above ground shall be rigid metal per the Standard Specifications.
7. The Contractor shall contact Patrick Miller at (520) 251-0156 before drilling poles for push button assemblies and traffic signal mounting assemblies, for exact location.
8. The Contractor shall contact Patrick Miller at (520) 251-0156 to schedule the wiring of the signal cabinet.
9. The Contractor shall contact Patrick Miller at (520) 251-0156 to schedule the signal turn-on. The Town of Florence electrical inspector shall schedule the signal turn-on with the Town Engineer, a minimum of 10 days in advance.
10. All striping shall be installed prior to the day of turn-on.
11. The control cabinet shall be delivered to 444 N. Warner Street, Florence, AZ 85132 for testing per Section 734-2.01 (E) & (F) of the Standard Specifications.
12. NEMA Eagle Mobotrex cabinets measuring 56" H x 44" W x 26" D, mounted on an 18" base with accessible front and rear doors. The Alpha BBS Enclosure measuring 48" H x 22" W x 16.5" D, equipped with slide-out battery drawers and a generator plug connection, is to be mounted on the right side of the cabinet. System also includes an Alpha FXM-HP1100 inverter with a remote battery management system and four 195XTV batteries.
13. Meter pedestal is a MYERS single-phase 3-wire system, with a maximum supply of 100 amps and a supply voltage of 120/240V.

[illegible]

-

Sign layout and format to be per ADOT MOAS.
See D3-1 for overhead street name signs.
(See ADOT Standard Detail S-9 for mounting).

CABLE #2 SHALL BE MARKED WITH 2 INDIVIDUAL 3/8 INCH WIDE STAINLESS STEEL BANDS. SIDE BY SIDE WITH A 1/2 INCH GAP BETWEEN BANDS, AT EACH PULL BOX LOCATION INDIVIDUAL CONDUCTORS IN THE CABLE SHALL BE TAGGED AS TO ASSIGNED PHASE.

CABLE #2 SHALL BE MARKED WITH 2 INDIVIDUAL 3/8 INCH WIDE STAINLESS STEEL BANDS. SIDE BY SIDE WITH A 1/2 INCH GAP BETWEEN BANDS, AT EACH PULL BOX LOCATION INDIVIDUAL CONDUCTORS IN THE CABLE SHALL BE TAGGED AS TO ASSIGNED PHASE.

(Used when one cable is dedicated to each pole)

IMSA CABLE 19-1, #14 AWG, 4 CONDUCTOR & 7 CONDUCTOR									
SIGNAL HEADS OUTBOARD & FAR LEFT		SIGNAL HEADS INBOARD & SIDEMOUNT		PEDESTRIAN HEADS		PUSH BUTTON			
7 CONDUCTOR CABLE		4 CONDUCTOR CABLE		4 CONDUCTOR CABLE		4 CONDUCTOR CABLE			
BASIC COLOR	SIGNAL INTERVAL	BASIC COLOR	SIGNAL INTERVAL	BASIC COLOR	SIGNAL INTERVAL	BASIC COLOR	PUSH BUTTON		
RED	RED	RED	RED	RED	DON'T WALK	RED	PUSH BUTTON		
BLACK	YELLOW	BLACK	YELLOW	GREEN	WALK	WHITE	P.B. COM.		
GREEN	GREEN	GREEN	GREEN	WHITE	PED. COM.	GREEN	SPARE		
ORANGE	YELLOW ARROW	WHITE	VEH. COM.	BLACK	SPARE	BLACK	SPARE		
BLUE	GREEN ARROW	THE CABLE SHALL BE TAGGED AS TO ASSIGNED PHASE.							
WHITE	VEH. COM.								
WHT/BLK TR	VEH. COM.								