

HUNT HIGHWAY & ATTAWAY ROAD

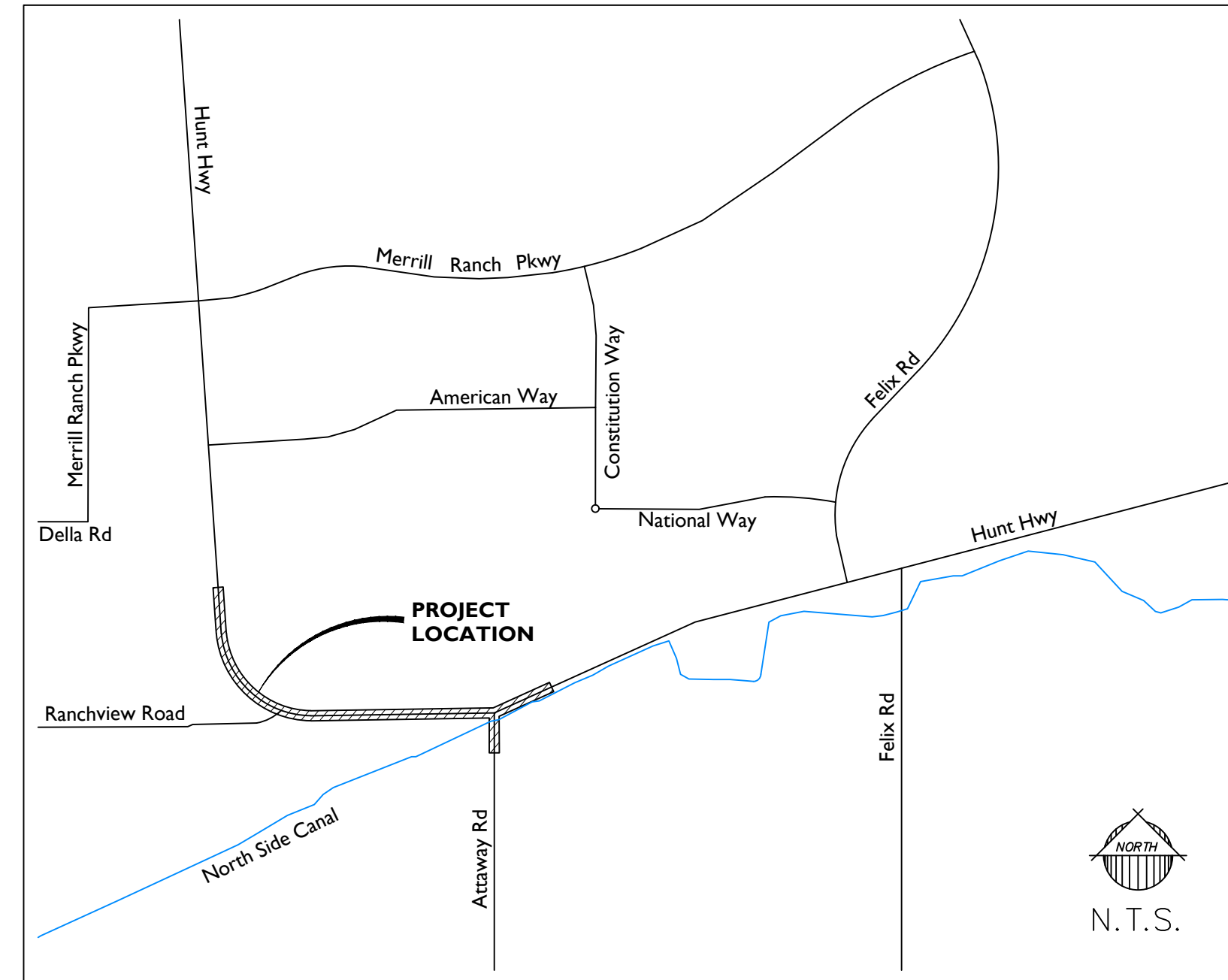
A PORTION OF SECTIONS 25 AND 36, TOWNSHIP 4 SOUTH, RANGE 8 EAST,
AND A PORTION OF SECTIONS 30 AND 31, TOWNSHIP 4 SOUTH, RANGE 9 EAST,
GILA AND SALT RIVER MERIDIAN, PINAL COUNTY, ARIZONA

THIS EXHIBIT IS FOR INFORMATIONAL USE ONLY. EXACT LOCATION AND DEPTHS NEED TO BE VERIFIED IN THE FIELD

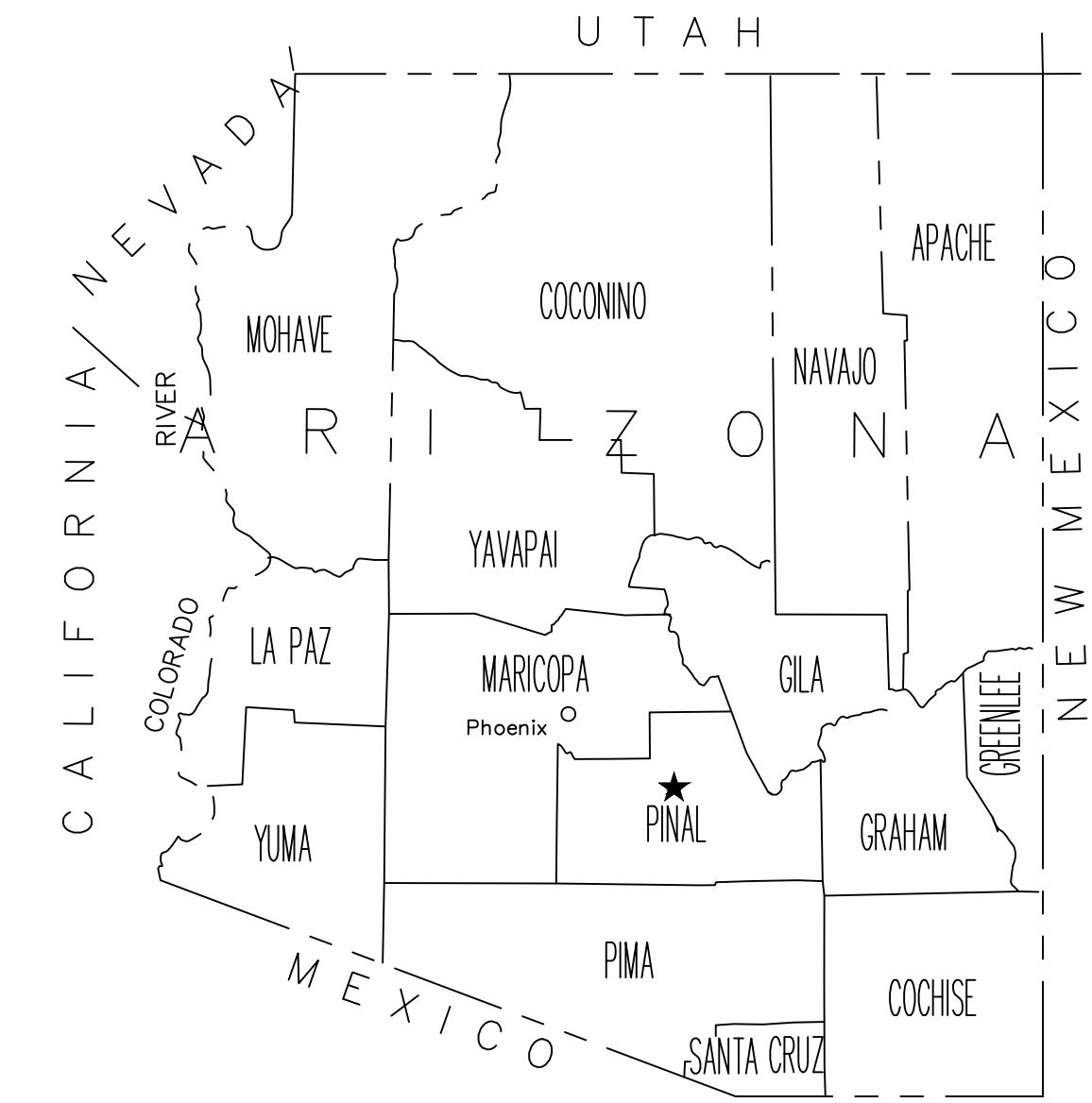
GREENLINES = 4950 FT

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



KEY MAP
NOT TO SCALE



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 DRAWINGS. 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

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	JOSE AGUIRRE	(623) 328-2184
ELECTRICAL DISTRICT NO. 2	CHARLES KENNEY	(520) 251-1546
SAN CARLOS IRRIGATION DISTRICT	KYLE VARVEL	kyle.varvel@bia.gov
SOUTHWEST GAS	NICK DELGADO	(520) 289-0481
SRP	PAUL GRANT	(602) 236-6310
ZAYO GROUP	RYAN ERFERT (COBB, FENDLEY & ASSOC)	(XXX) XXX-XXXX

SHEET INDEX

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SIGNING & PAVEMENT MARKING SHEETS	23-28	SS01-SS06
TRAFFIC SIGNAL SHEET	29	TS01

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Suite 120
Mesa, AZ 85201
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Hunt Highway & Attaway Road
Florence, AZ

Cover Sheet

Project:

Revisions:

No.	Description



Designer: TA
Drawn by: RW

Preliminary
60%
Not For
Construction
Or
Recording

Job No.
21-1365.03

CS01

Sheet No.
1
of **29**

GENERAL NOTES

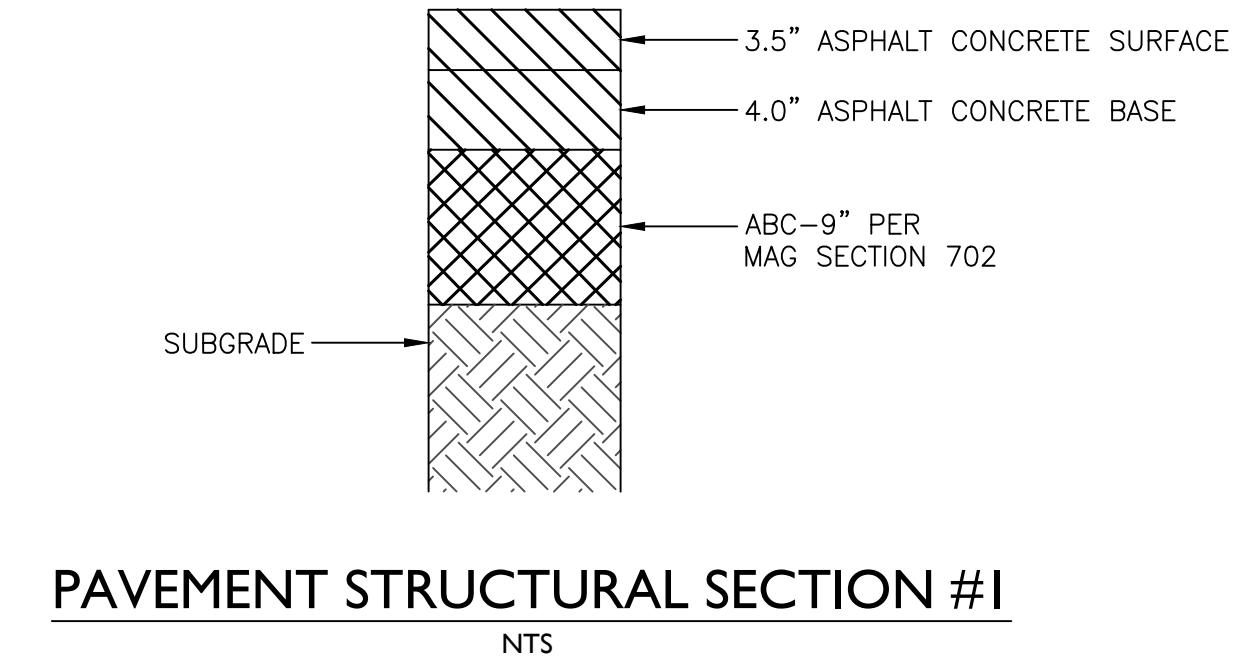
- ALL PUBLIC IMPROVEMENT CONSTRUCTION WITHIN THE TOWN OF FLORENCE PUBLIC ROW AND ONSITE SHALL BE CONDUCTED IN ACCORDANCE WITH, AND CONFORM TO, THE LATEST EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, BOTH AS PUBLISHED 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 SUBMITTAL 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-TOP 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 A199M PER MAG SECTION 710 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 3/4" 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
	TELECOMMUNICATIONS MANHOLE		STREET LIGHT
	SIGN		GUARDRAIL
	ELECTRICAL BOX		

PROPOSED

	EDGE OF PAVEMENT
	VERTICAL CURB & GUTTER

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www.epsgroupinc.com

EPS GROUP

Hunt Highway & Attaway Road
Florence, AZ

Notes/Legend Sheet

Project: _____

Revisions: _____

Call at least two full working days before any sign installation.

ARIZONA
REGISTERED PROFESSIONAL ENGINEER
In Maricopa County: 002263-1100

Designer: TA
Drawn by: RW

Preliminary
60%
Not For
Construction
Or
Recording

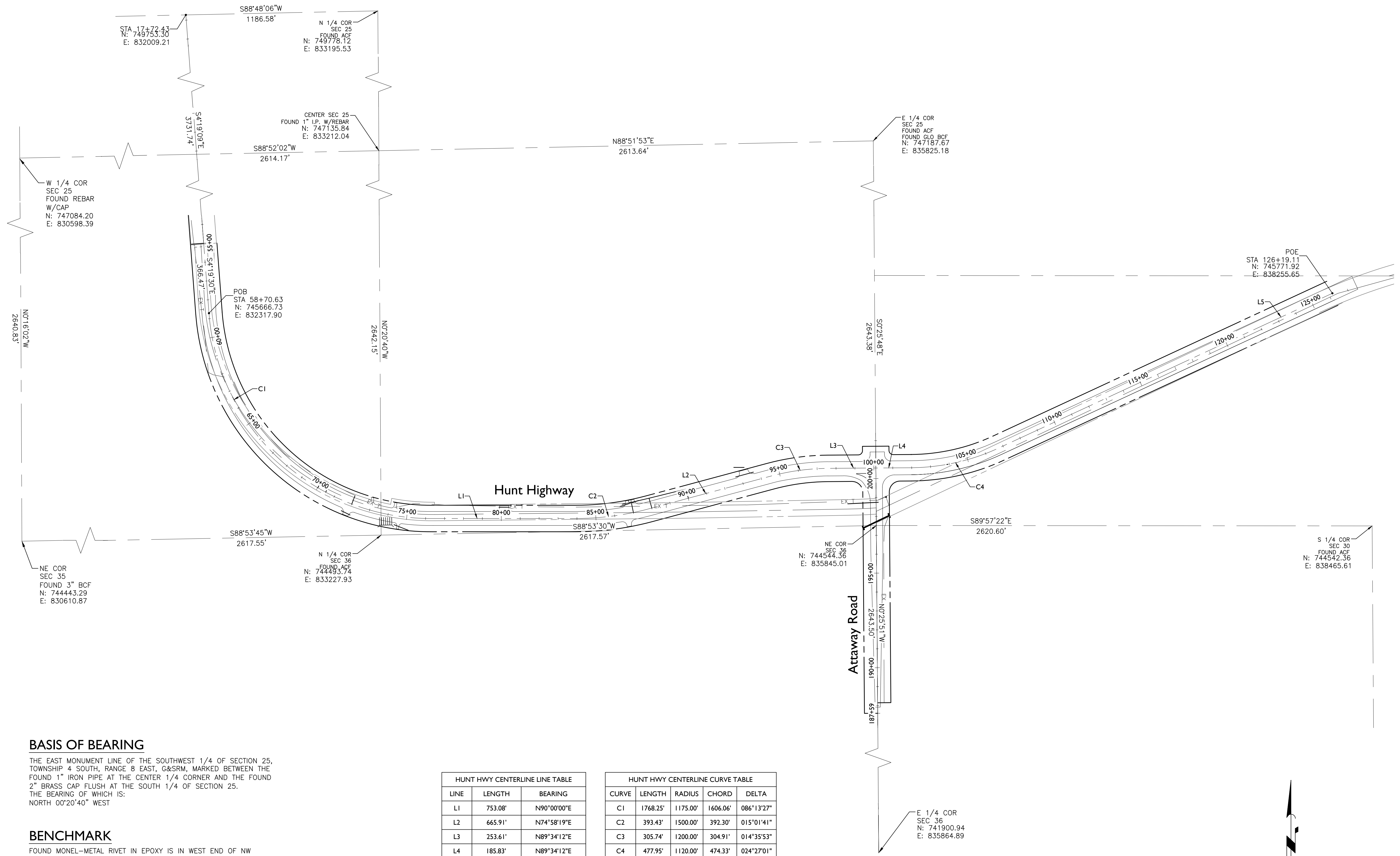
Job No.
21-1365.03

CS02

Sheet No.
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of 29

21-1365.03 - Hunt Highway & Attaway Road

Oct 31, 2024 12:55pm S:\Projects\2021\21-1365\21-1365.03 - Florence Attaway_Hunt_Highway\Civil\CAD\DWG\21-1365.03 - CS04.dwg



BASIS OF BEARING

THE EAST MONUMENT LINE OF THE SOUTHWEST 1/4 OF SECTION 25, TOWNSHIP 4 SOUTH, RANGE 8 EAST, G&SRM, MARKED BETWEEN THE FOUND 1" IRON PIPE AT THE CENTER 1/4 CORNER AND THE FOUND 2" BRASS CAP FLUSH AT THE SOUTH 1/4 OF SECTION 25. THE BEARING OF WHICH IS: NORTH 00°20'40" WEST

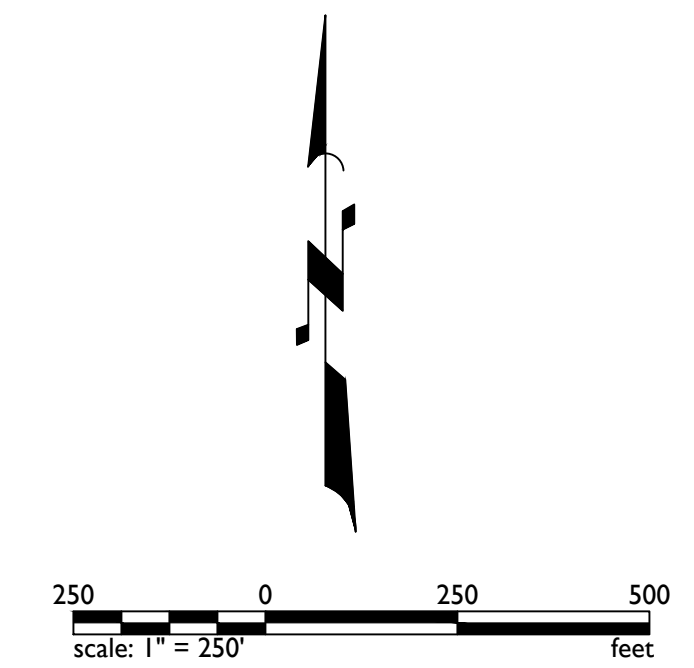
BENCHMARK

FOUND MONEL-METAL RIVET IN EPOXY IS IN WEST END OF NW HEADWALL AS DESCRIBED BY USGS (1977). MARK IS 1050' WEST OF NEW FELIX ROAD INTERSECTION. NGS DESIGNATION - RV 303
PID - DU0569

NAVD88
ELEVATION = 1467.093' (NGS DATA)

HUNT HWY CENTERLINE LINE TABLE		
LINE	LENGTH	BEARING
L1	753.08'	N90°00'00"E
L2	665.91'	N74°58'19"E
L3	253.61'	N89°34'12"E
L4	185.83'	N89°34'12"E
L5	1944.78'	N65°07'11"E

HUNT HWY CENTERLINE CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	DELTA
C1	1768.25'	1175.00'	1606.06'	086°13'27"
C2	393.43'	1500.00'	392.30'	015°01'41"
C3	305.74'	1200.00'	304.91'	014°35'53"
C4	477.95'	1120.00'	474.33'	024°27'01"



1130 N Alma School Road
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Project: Hunt Highway & Attaway Road
Horizontal Control Sheet
Florence, AZ

Revisions:

No.	Description



Designer: TA
Drawn by: RW

Preliminary
60%
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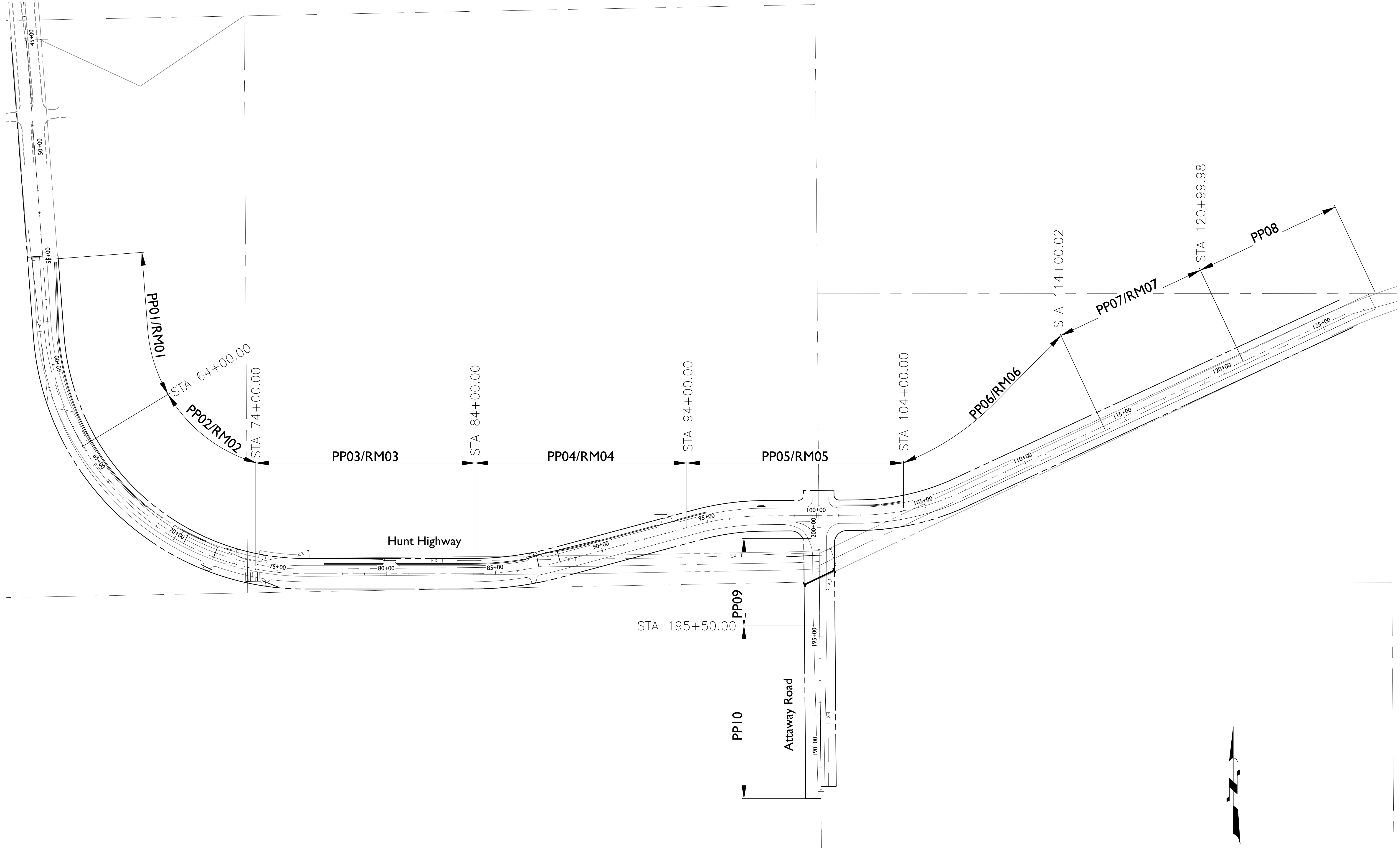
Job No.
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CS04

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21-1365.03 - Hunt Highway & Attaway Road

Oct 31, 2024 12:56pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt_Highway\Civil\CAD\DWG\21-1365.03 - ID01.dwg



Revisions:

No.	Description

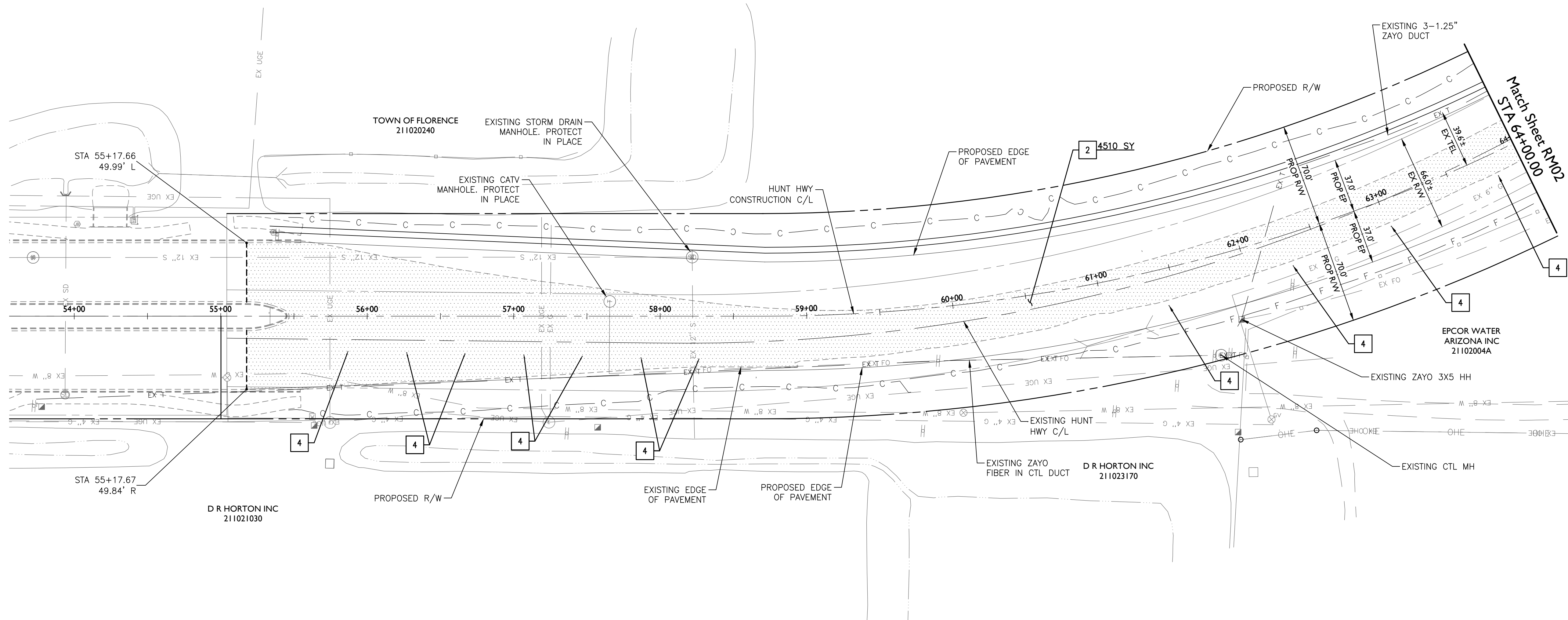
Call at least two full working days before any begin excavation.

Design by: TA
Drawn by: RW

Preliminary
60%
Not For
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Job No.
21-1365.03
ID01
Sheet No.
5
of **29**

21-1365.03 - Attaway Road & Hunt Highway

Oct. 31, 2024 3:40pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt Highway\Civil\CAD\DWG\21-1365.03 - RM01.dwg



Hunt Highway

CONSTRUCTION NOTES

ROADWAY REMOVAL		
2	Remove Existing Pavement Section	4510 SY
3	Not Used	
4	Remove Existing Flexible Delineators	11 EA

REMOVAL LEGEND



Attaway Road & Hunt Highway

Florence, AZ

Roadway Removals Sheet

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Revisions: _____

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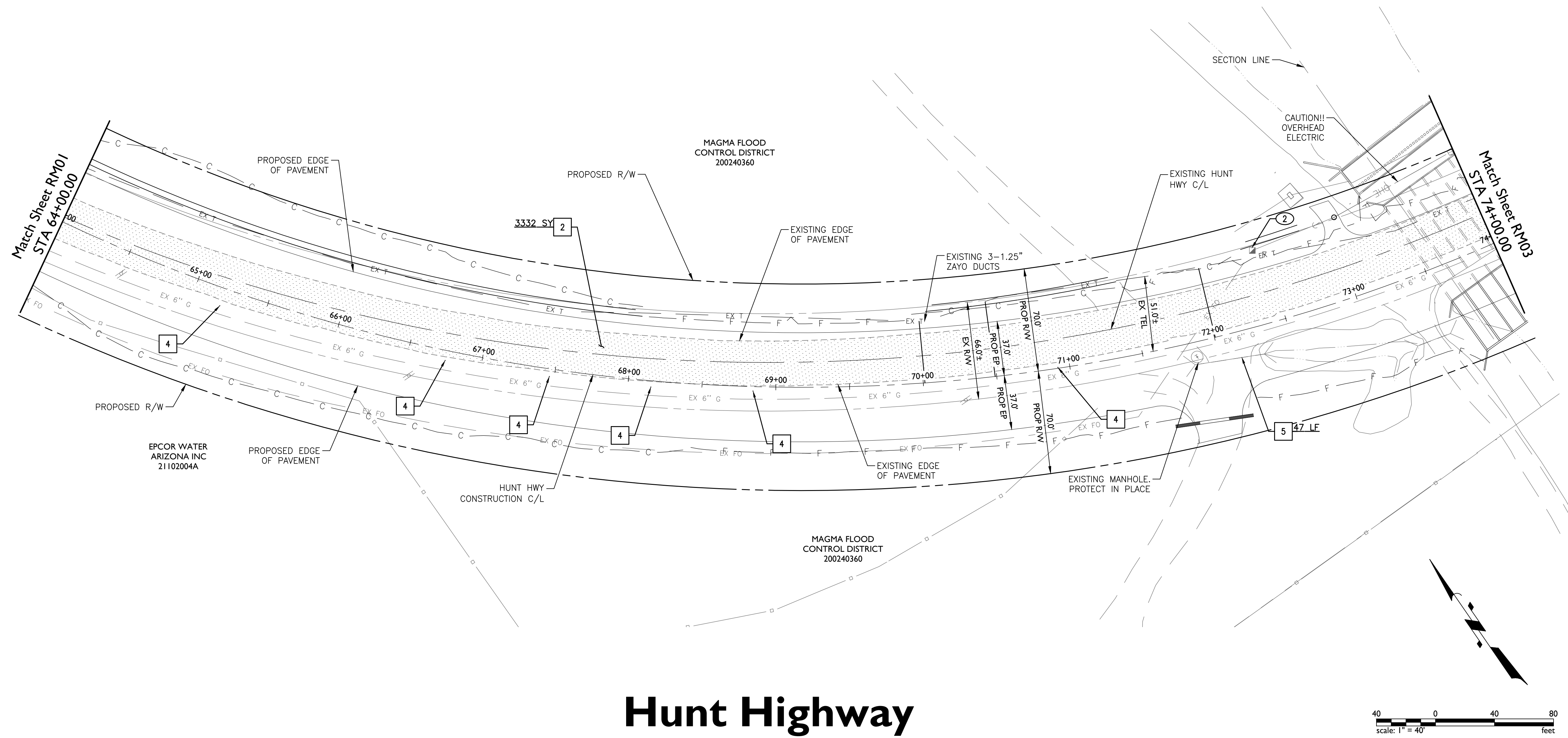
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Designer: TA
Job No. **21-1365.03**
Drawn by: RW
Dwg No. **RM01**

Sheet No. **6**
of **29**

21-1365.03 - Attaway Road & Hunt Highway

Oct. 31, 2024 3:40pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt_Highway\Civil\CAD\DWG\21-1365.03 - RM02.dwg



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



Attaway Road & Hunt Highway

Florence, AZ

Roadway Removals Sheet

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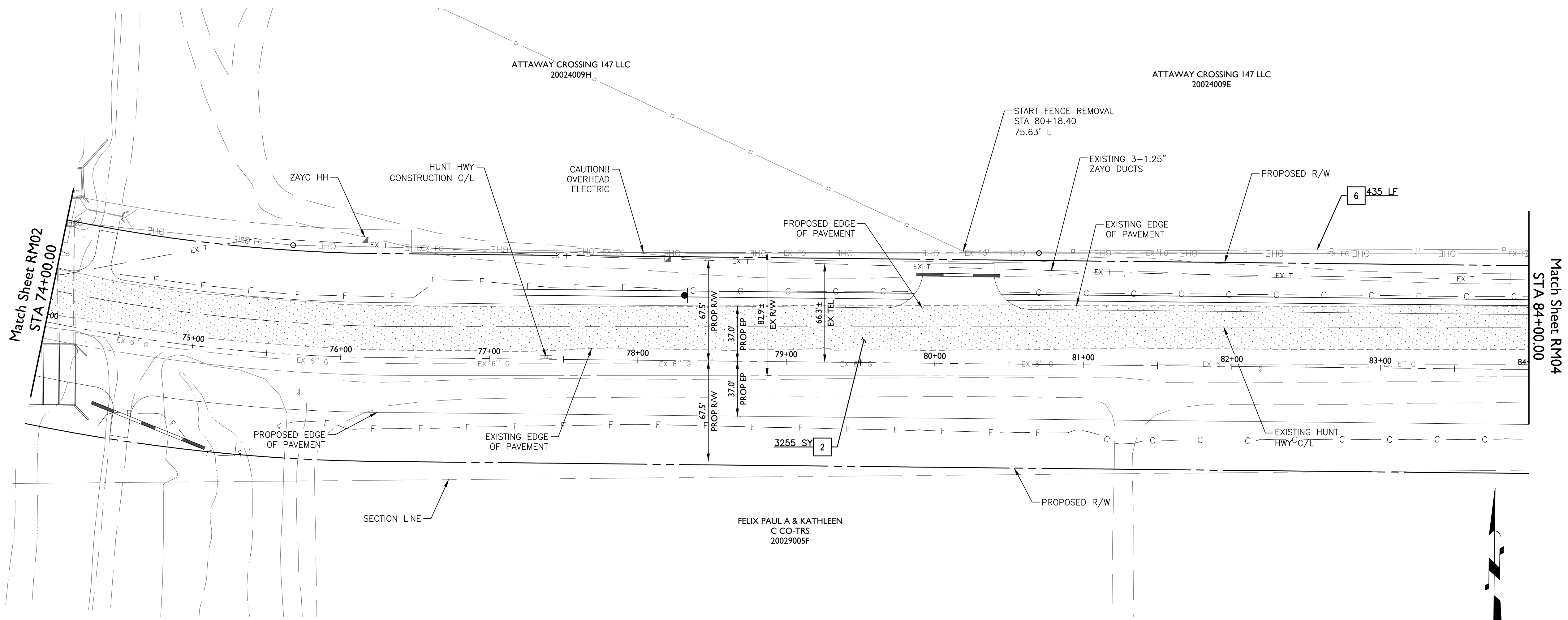
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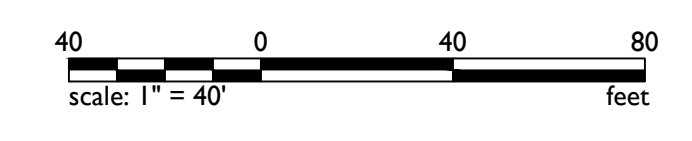
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Drawn by: RW	Dwg No. RM02	of 29

21-1365.03 - Attaway Road & Hunt Highway

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Hunt Highway



CONSTRUCTION NOTES

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

REMOVAL LEGEND



Attaway Road & Hunt Highway

Florence, AZ

Roadway Removals Sheet

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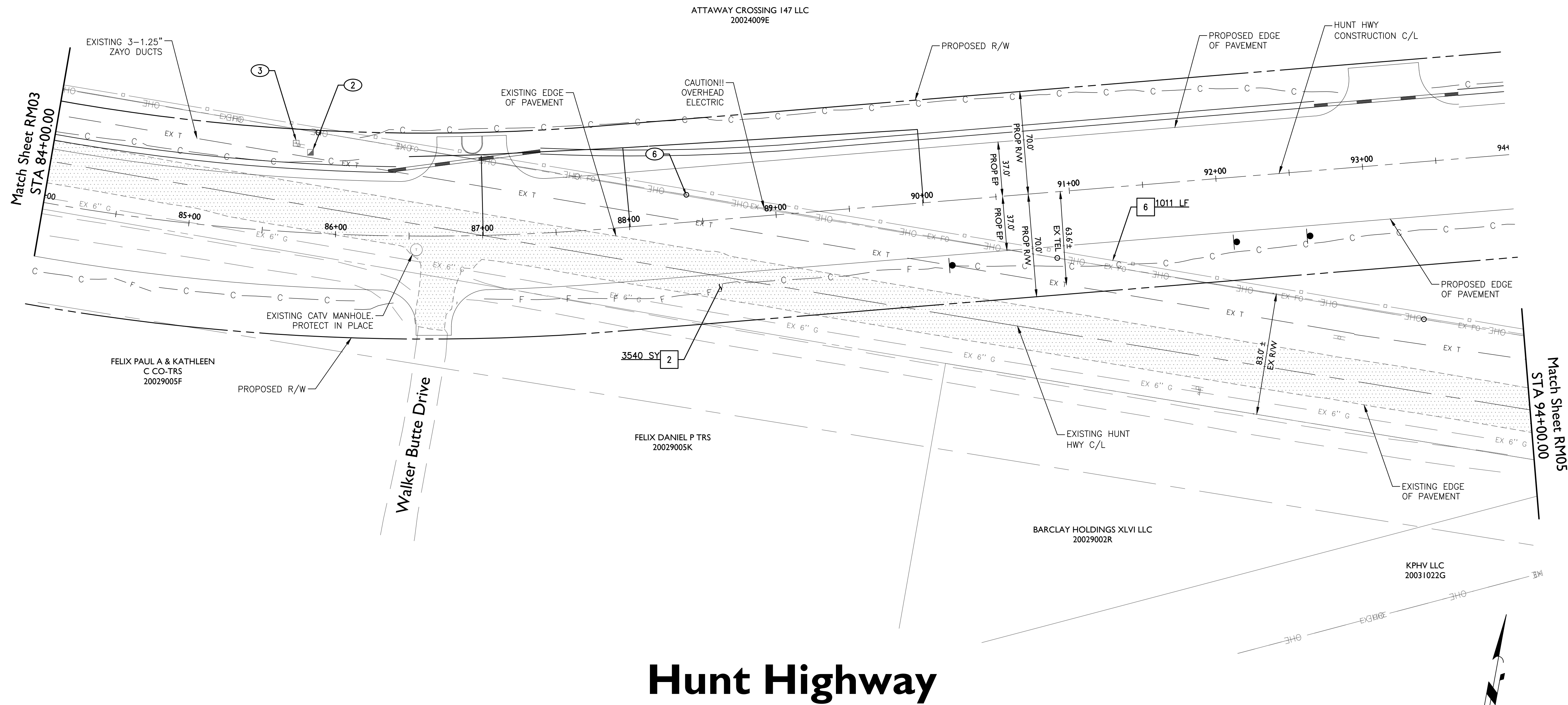
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Job No. **21-1365.03**
Drawn by: RW
Dwg No. **RM03**
Sheet No. **8** of **29**

21-1365.03 - Attaway Road & Hunt Highway

Oct. 31, 2024 3:43pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt_Highway\Civil\CAD\DWG\21-1365.03 - RM04.dwg



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



Attaway Road & Hunt Highway
Florence, AZ

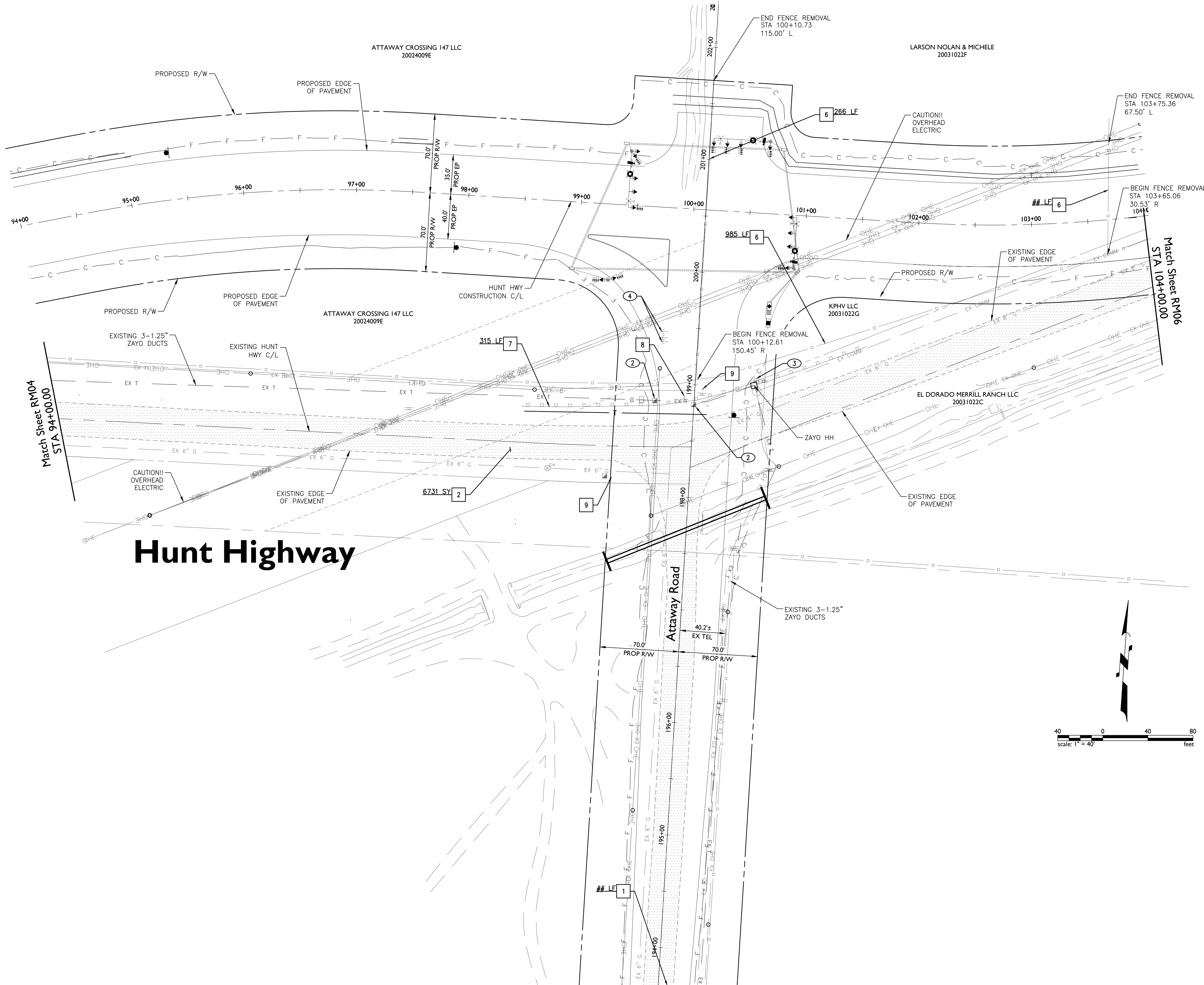
Roadway Removals Sheet

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Designer: TA	Job No. 21-1365.03	Sheet No. 9
Drawn by: RW	Dwg No. RM04	of 29

21-1365.03 - Attaway Road & Hunt Highway

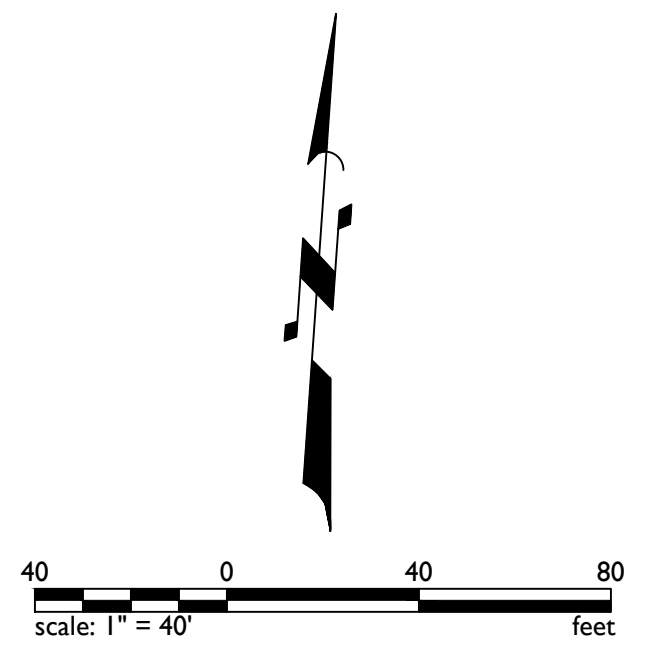
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Hunt Highway

Attaway Road

CONSTRUCTION NOTES		
ROADWAY REMOVAL		
1	Sawcut Existing AC Pavement	28 LF
2	Remove Existing Pavement Section	6731 SY
6	Remove Existing Fence	1343 LF
7	Remove Existing Guardrail	315 LF
8	Remove Existing Traffic Signal	1 EA
9	Remove Existing Pedestrian Push Button	2 EA
UTILITIES BY OTHERS		
2	Existing Electrical Facilities to be Relocated by Others	
3	Existing Telephone Facilities to be Relocated by Others	
4	Existing Guy Wires to be Relocated by Others	



Attaway Road & Hunt Highway

Florence, AZ

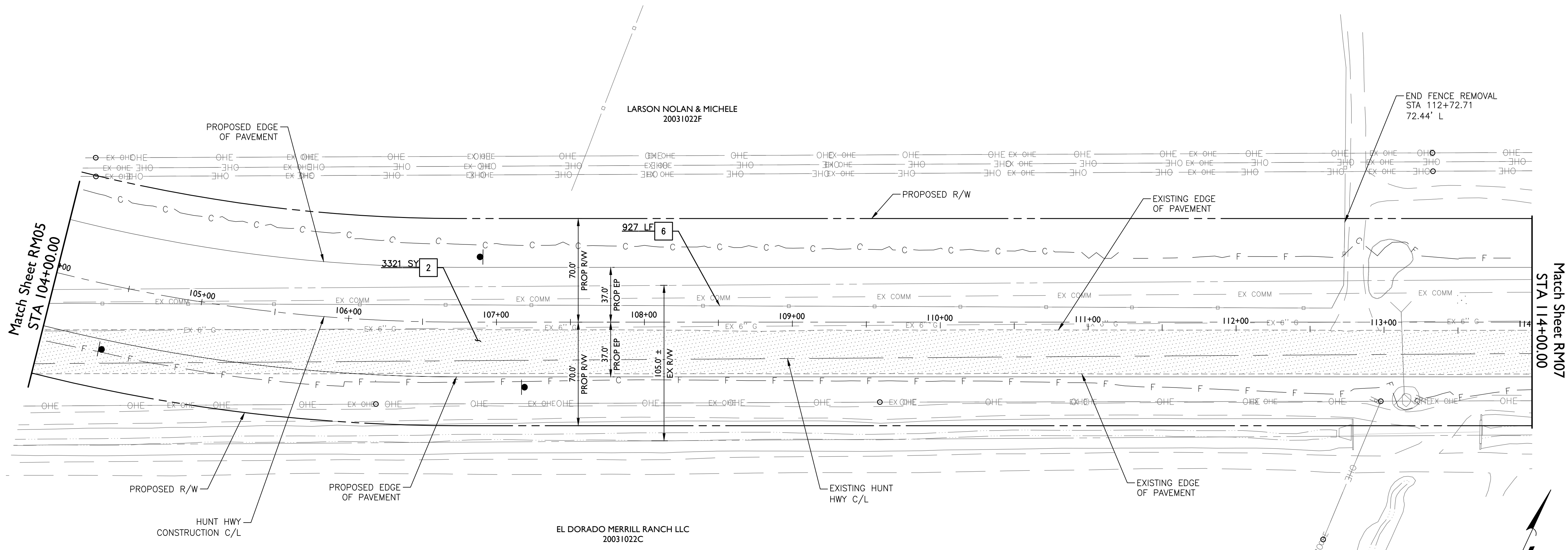
Roadway Removals Sheet

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Drawn by: RW	Dwg No. RM05	of 29

21-1365.03 - Attaway Road & Hunt Highway

Oct. 31, 2024 3:43pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt_Highway\Civil\CAD\DWG\21-1365.03 - RM06.dwg

NO ZAYO FACILITIES



Hunt Highway

CONSTRUCTION NOTES

ROADWAY REMOVAL		
2	Remove Existing Pavement Section	3321 SY
6	Remove Existing Fence	927 LF

REMOVAL LEGEND



Attaway Road & Hunt Highway

Florence, AZ

Roadway Removals Sheet

Preliminary
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Revisions:

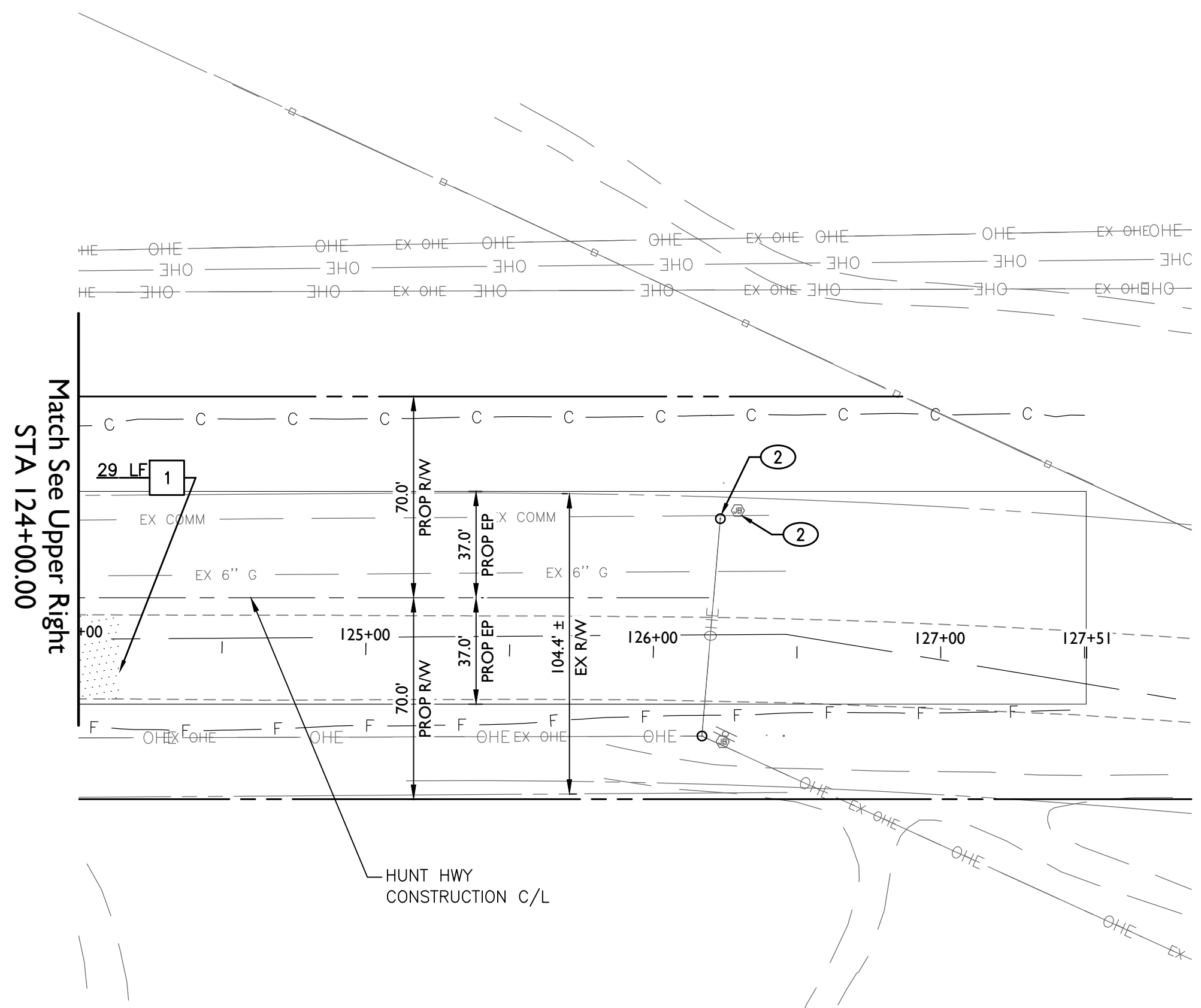
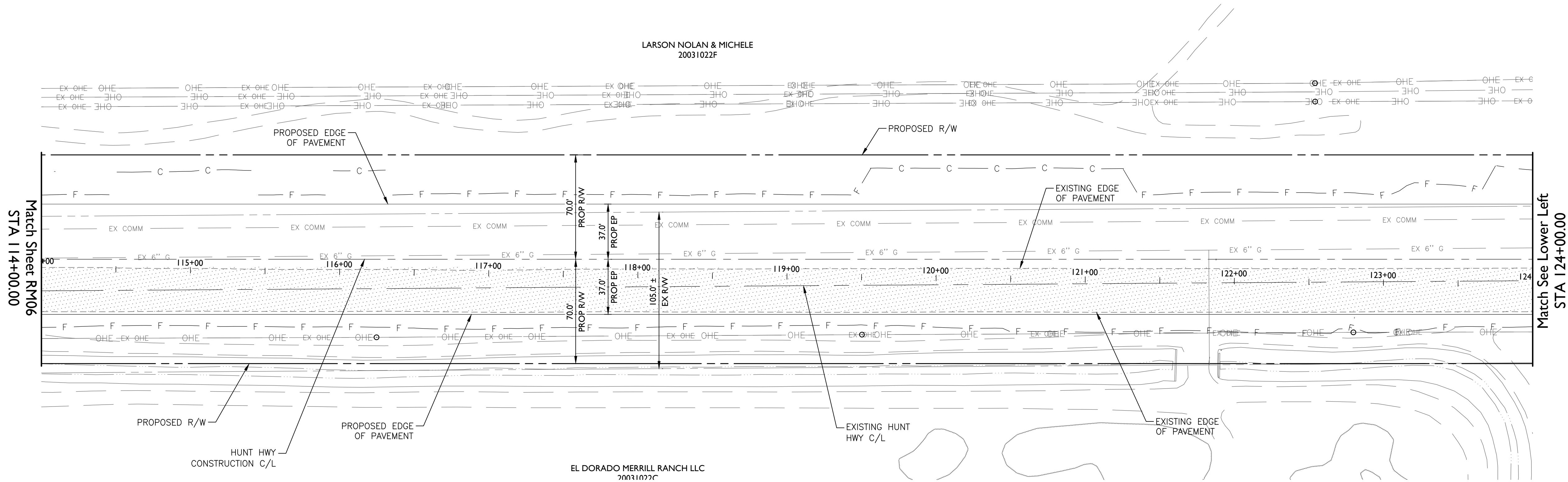
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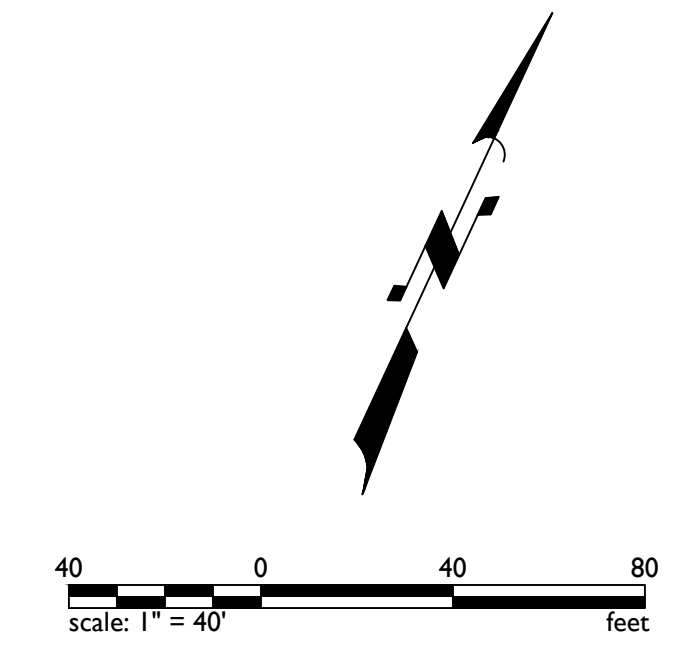
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Dwg No. **RM06**
Sheet No. **11**
of **29**

21-1365.03 - Attaway Road & Hunt Highway

Oct. 31, 2024 3:44pm S:\Projects\2021\21-1365\21-1365.03 Florence Attaway_Hunt_Highway\Civil\CAD\DWG\21-1365.03 - RMO7.dwg



Hunt Highway



REMOVAL LEGEND



CONSTRUCTION NOTES		
ROADWAY REMOVAL		
1	Sawcut Existing AC Pavement	29 LF
UTILITIES BY OTHERS		
2	Existing Electrical Facilities to be Relocated by Others	

Attaway Road & Hunt Highway

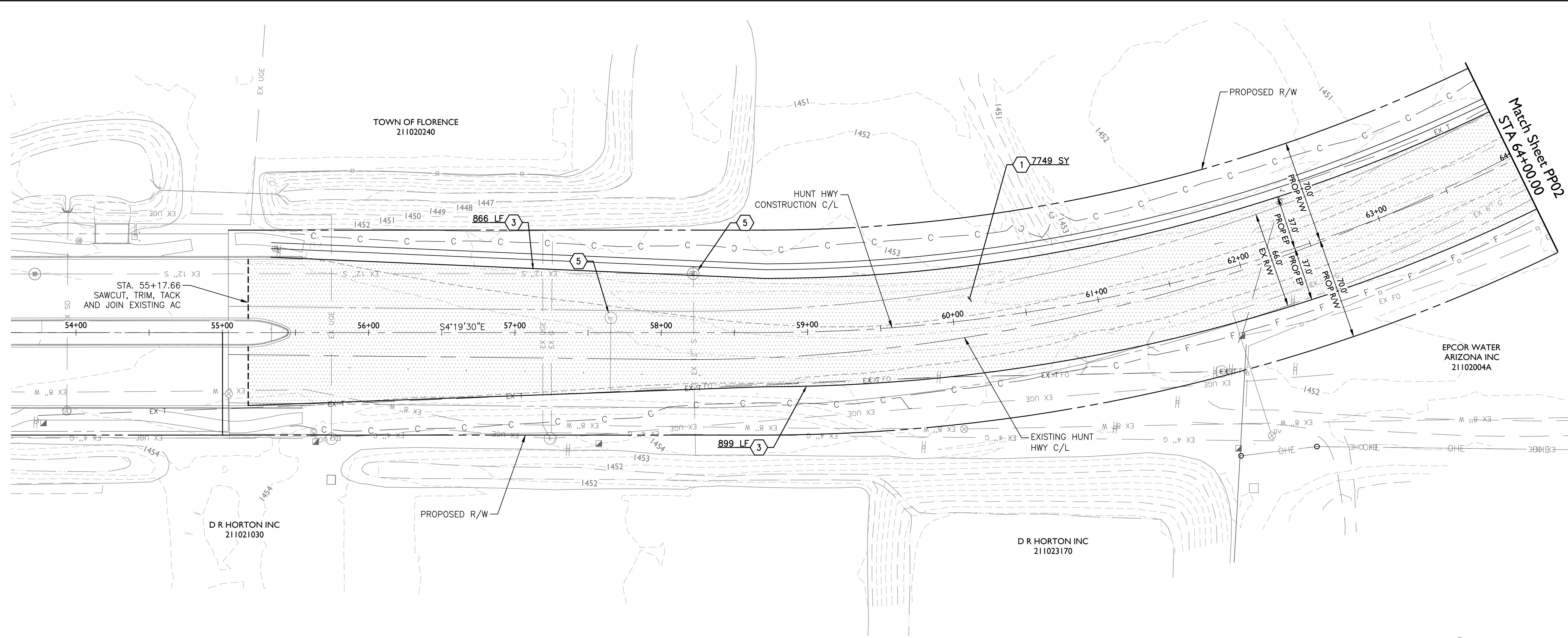
Florence, AZ

Roadway Removals Sheet

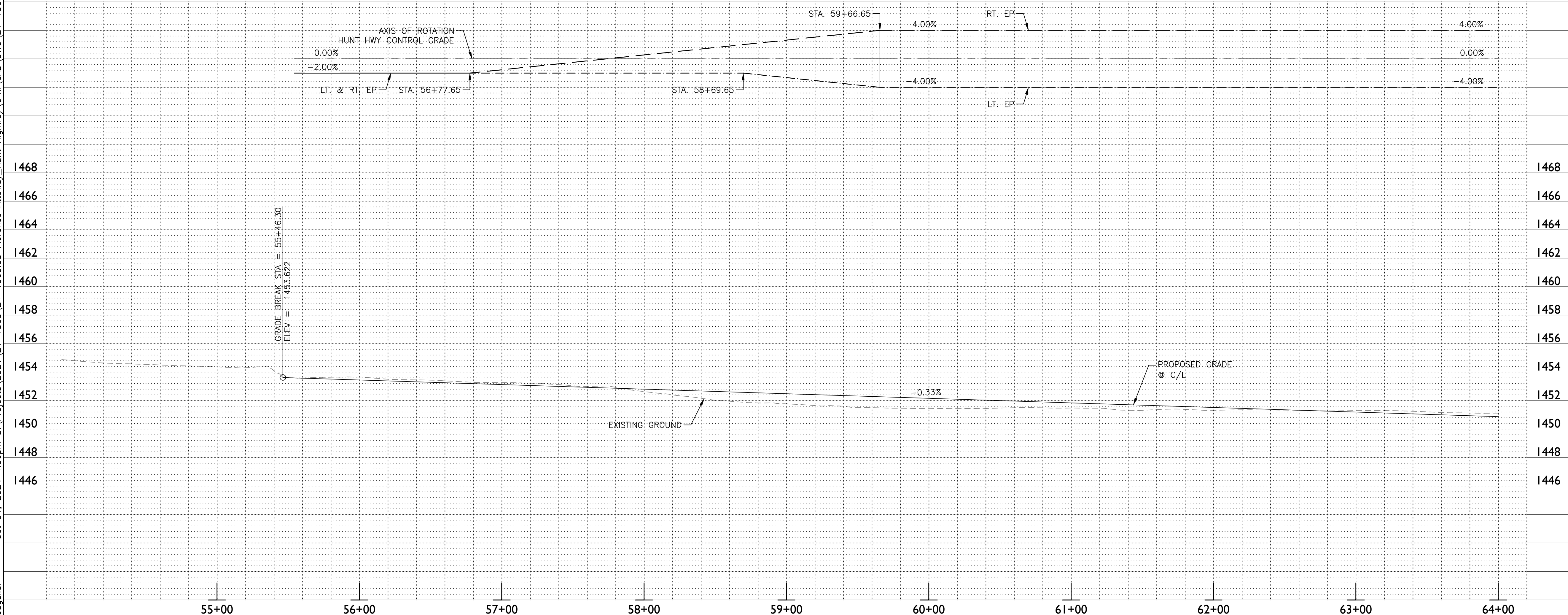
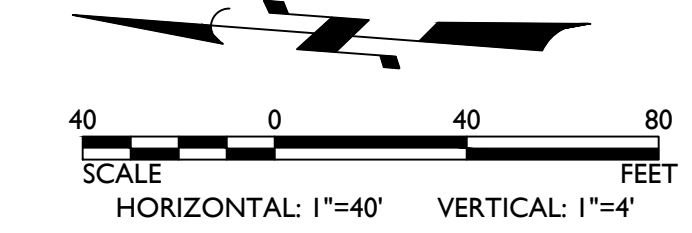
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Drawn by: RW	Dwg No. RM07	Sheet No. 12 of 29

21-1365.03 - Attaway Road & Hunt Highway

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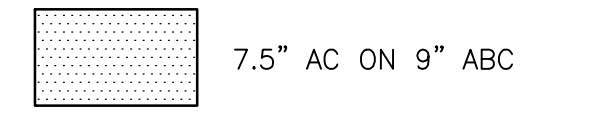


Hunt Highway



CONSTRUCTION NOTES		
ROADWAY		
1 Prepare Subgrade & Install 7.5" AC Pavement over 9" ABC	7749 SY	
per Structural Section #1, Sheet CS02		
3 Thickened Edge per MAG Det 201, Type A	1765 LF	
5 Manhole Frame & Cover Adjustment per MAG Det 422-1	2 EA	

PAVEMENT LEGEND



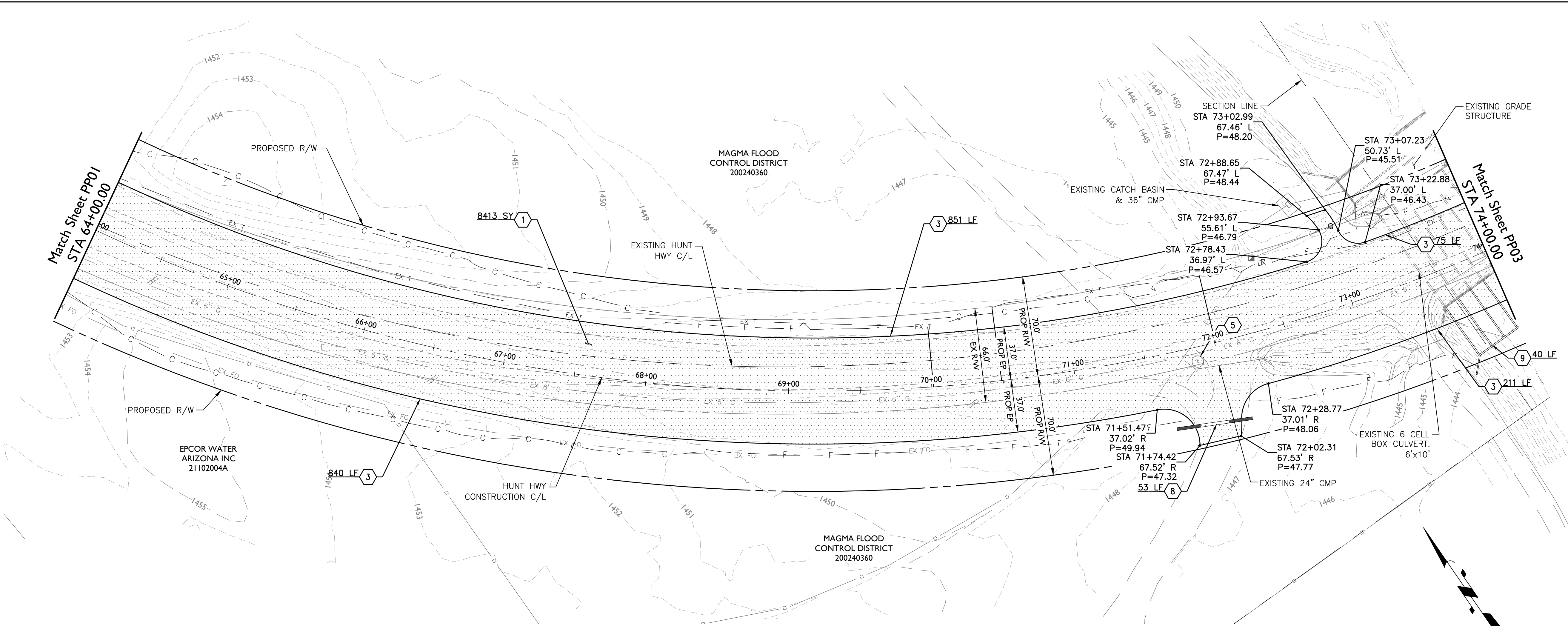
Attaway Road & Hunt Highway
Florence, AZ

Roadway Plan & Profile Sheet

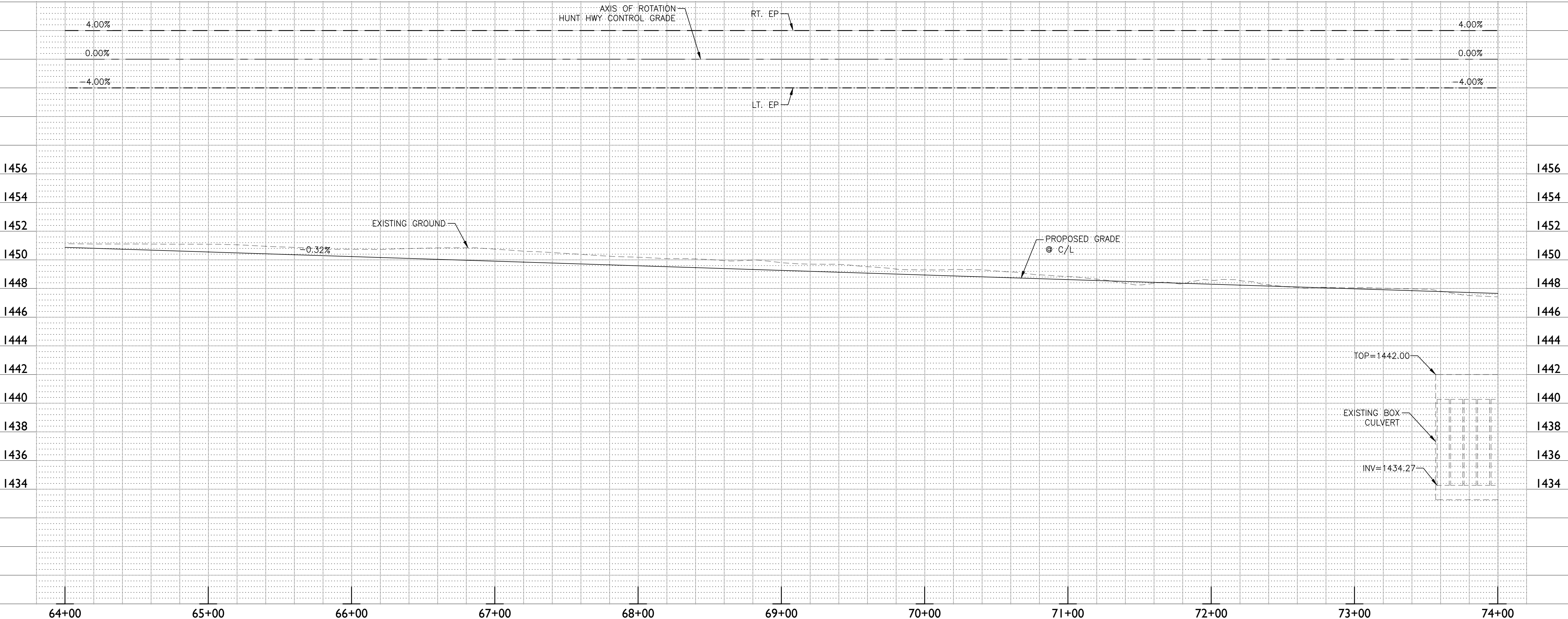
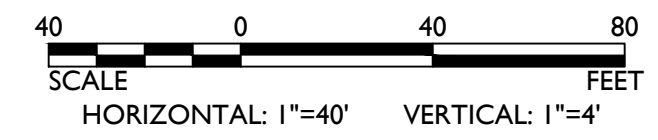
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Job No. 21-1365.03 Dwg No. PP01	Sheet No. 13 of 29

21-1365.03 - Attaway Road & Hunt Highway

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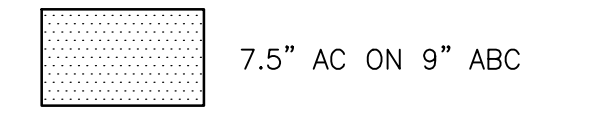


Hunt Highway



CONSTRUCTION NOTES		
ROADWAY		
1	Prepare Subgrade & Install 7.5" AC Pavement over 9" ABC per Structural Section #1, Sheet CS02	8413 SY
3	Thickened Edge per MAG Det 201, Type A	1977 LF
5	Manhole Frame & Cover Adjustment per MAG Det 422-1	1 EA
8	24" CMP Storm Drain Pipe	53 LF
9	Extend Six Barrel -6' X10' Box Culvert per ADOT Std	30 LF
Dtl SD 6.08-2		

PAVEMENT LEGEND



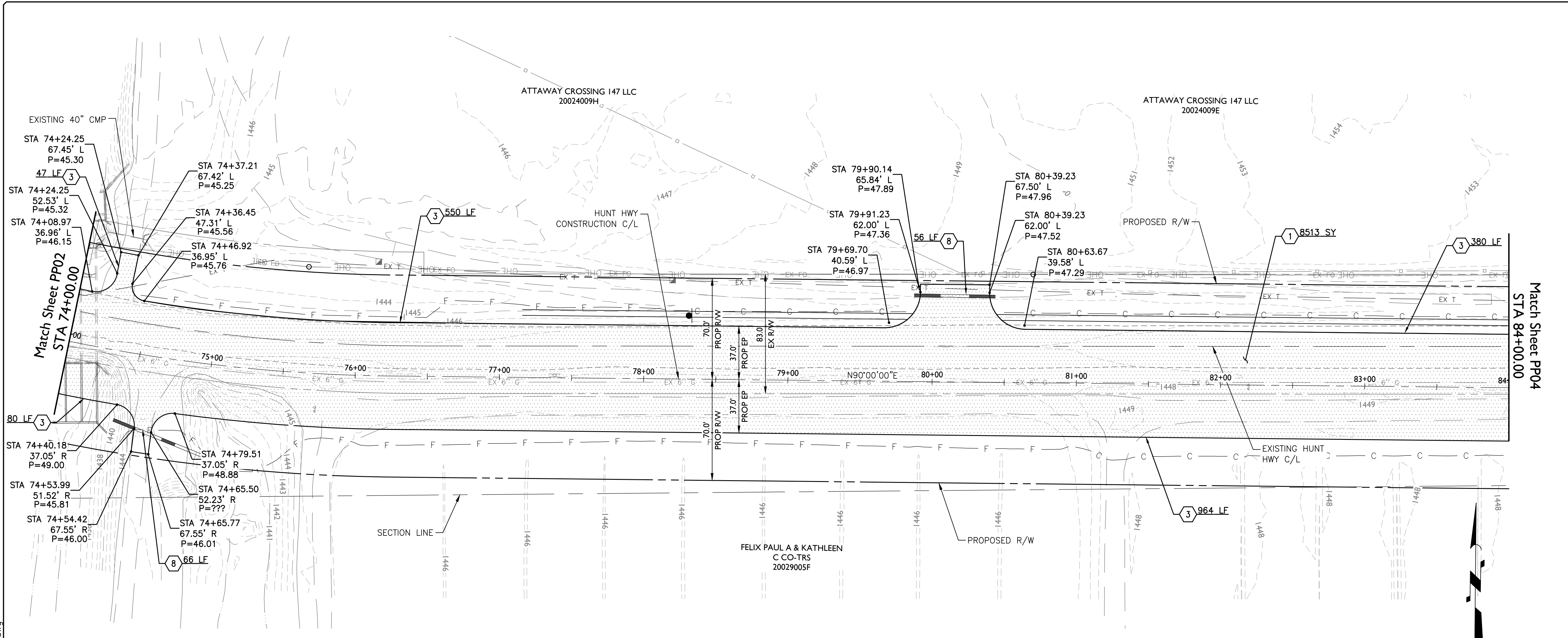
Attaway Road & Hunt Highway
Florence, AZ

Roadway Plan & Profile Sheet

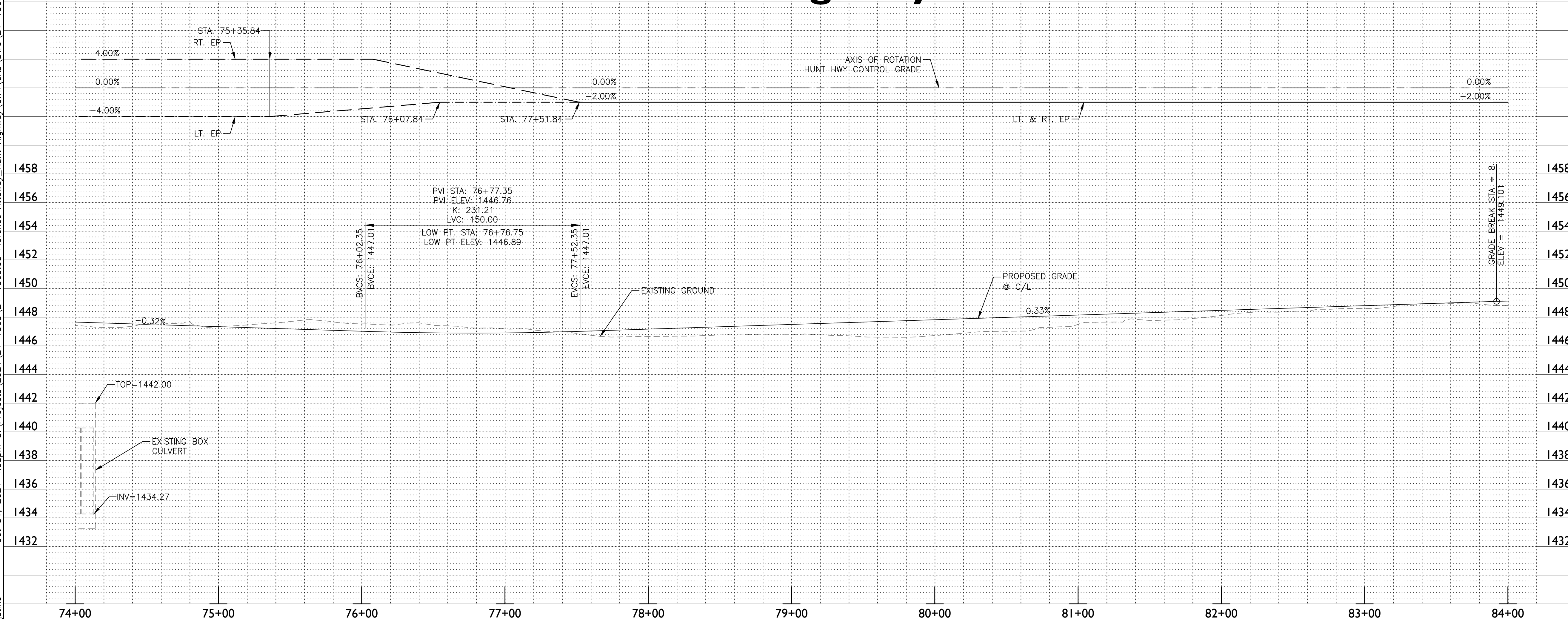
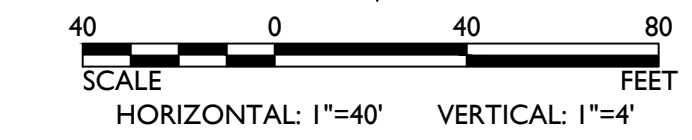
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21-1365.03 - Attaway Road & Hunt Highway

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Hunt Highway



CONSTRUCTION NOTES		
ROADWAY		
1	Prepare Subgrade & Install 7.5" AC Pavement over 9" ABC per Structural Section #1, Sheet CS02	8513 SY
3	Thickened Edge per MAG Det 201, Type A	2021 LF
8	24" CMP Storm Drain Pipe	122 LF

PAVEMENT LEGEND	
	7.5" AC ON 9" ABC

Attaway Road & Hunt Highway

Florence, AZ

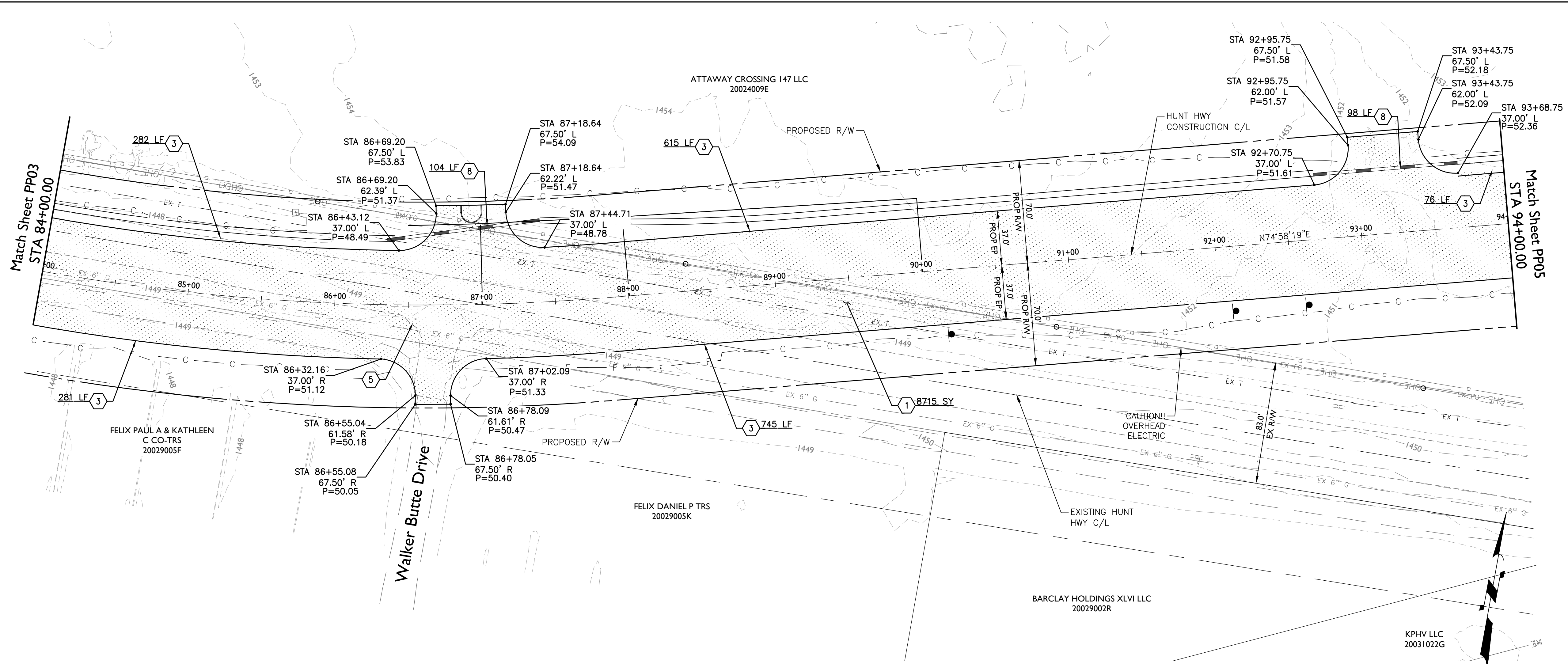
Roadway Plan & Profile Sheet

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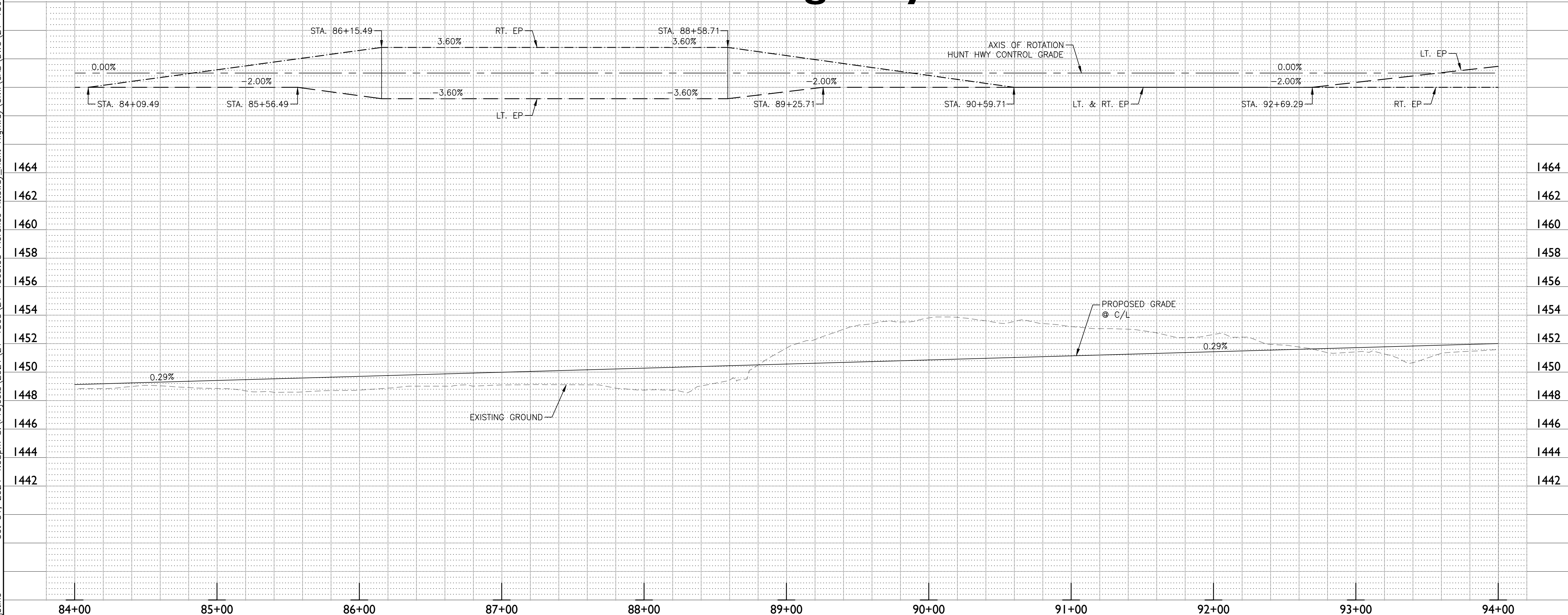
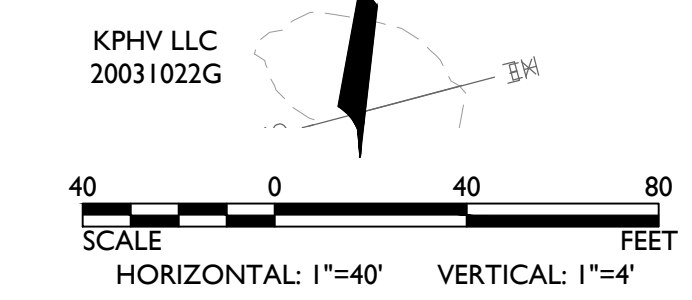
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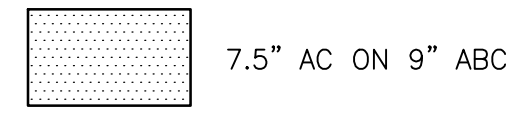


Hunt Highway



CONSTRUCTION NOTES		
ROADWAY		
1	Prepare Subgrade & Install 7.5" AC Pavement over 9" ABC per Structural Section #1, Sheet CS02	8715 SY
3	Thickened Edge per MAG Det 201, Type A	1999 LF
5	Manhole Frame & Cover Adjustment per MAG Det 422-1	1 EA
8	24" CMP Storm Drain Pipe	202 LF

PAVEMENT LEGEND



Attaway Road & Hunt Highway
Florence, AZ

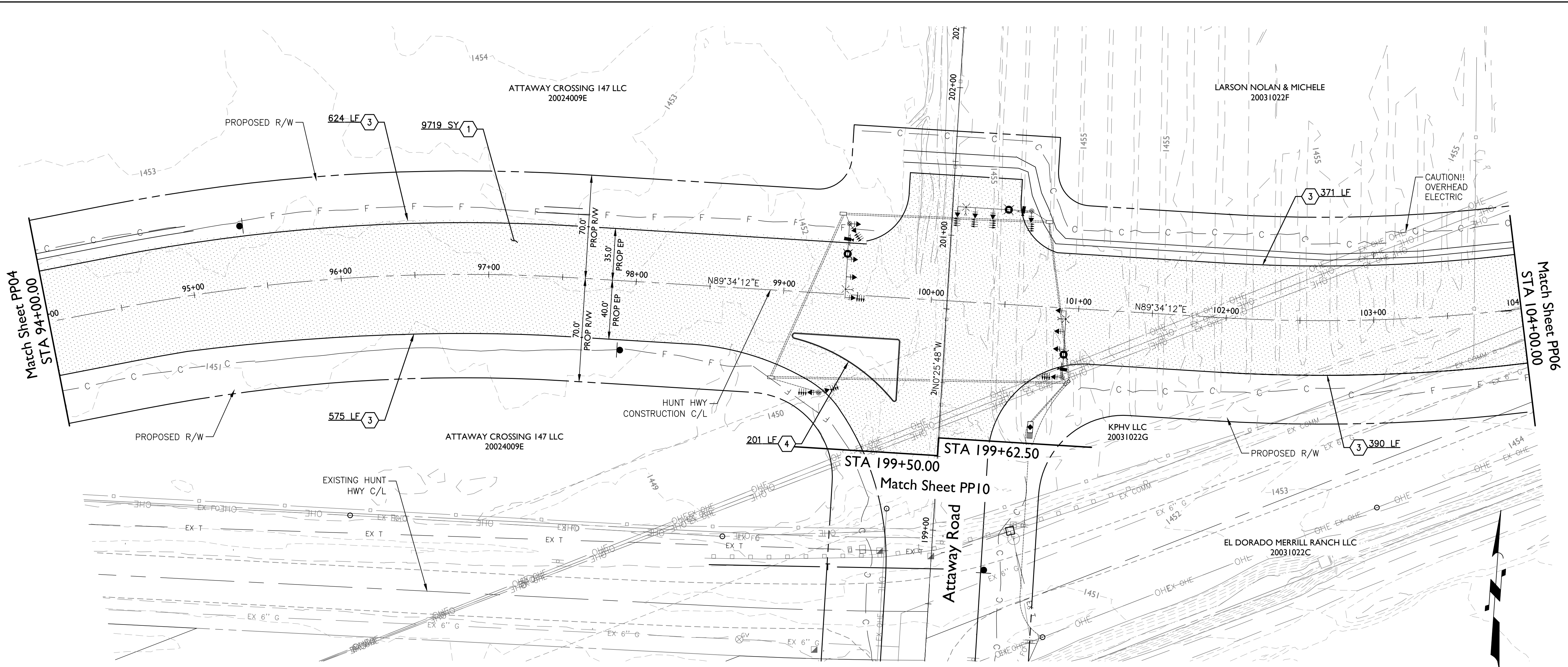
Roadway Plan & Profile Sheet

Preliminary 60% Not For Construction Or Recording	<p>1130 N Alma School Road Suite 120 Mesa, AZ 85201 T: 480.503.2250 F: 480.503.2258 www.epsgroupinc.com</p>
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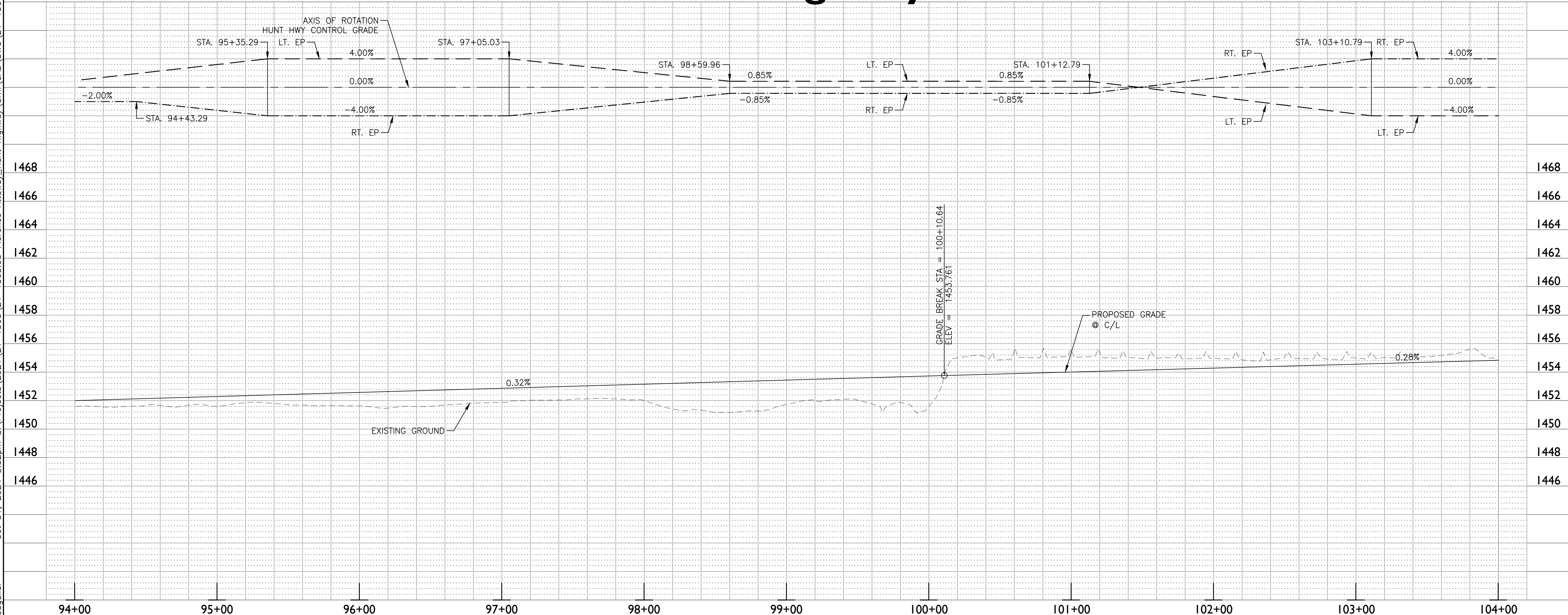
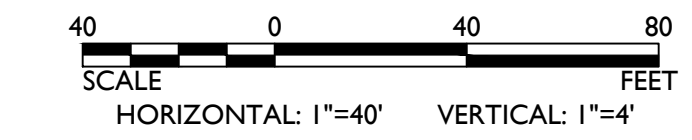
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Sheet No. **16**
Dwg No. **PP04**
of **29**

21-1365.03 - Attaway Road & Hunt Highway

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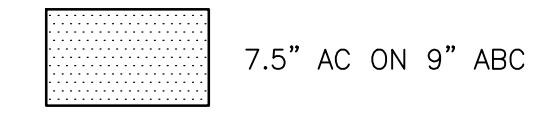


Hunt Highway



CONSTRUCTION NOTES		
ROADWAY		
1 Prepare Subgrade & Install 7.5" AC Pavement over 9" ABC	per Structural Section #1, Sheet CS02	9719 SY
3 Thickened Edge per MAG Det 201, Type A		1960 LF
4 6" Vertical Curb & Gutter per MAG Det 220-1, Type A		201 LF

PAVEMENT LEGEND



Attaway Road & Hunt Highway
Florence, AZ

Roadway Plan & Profile Sheet

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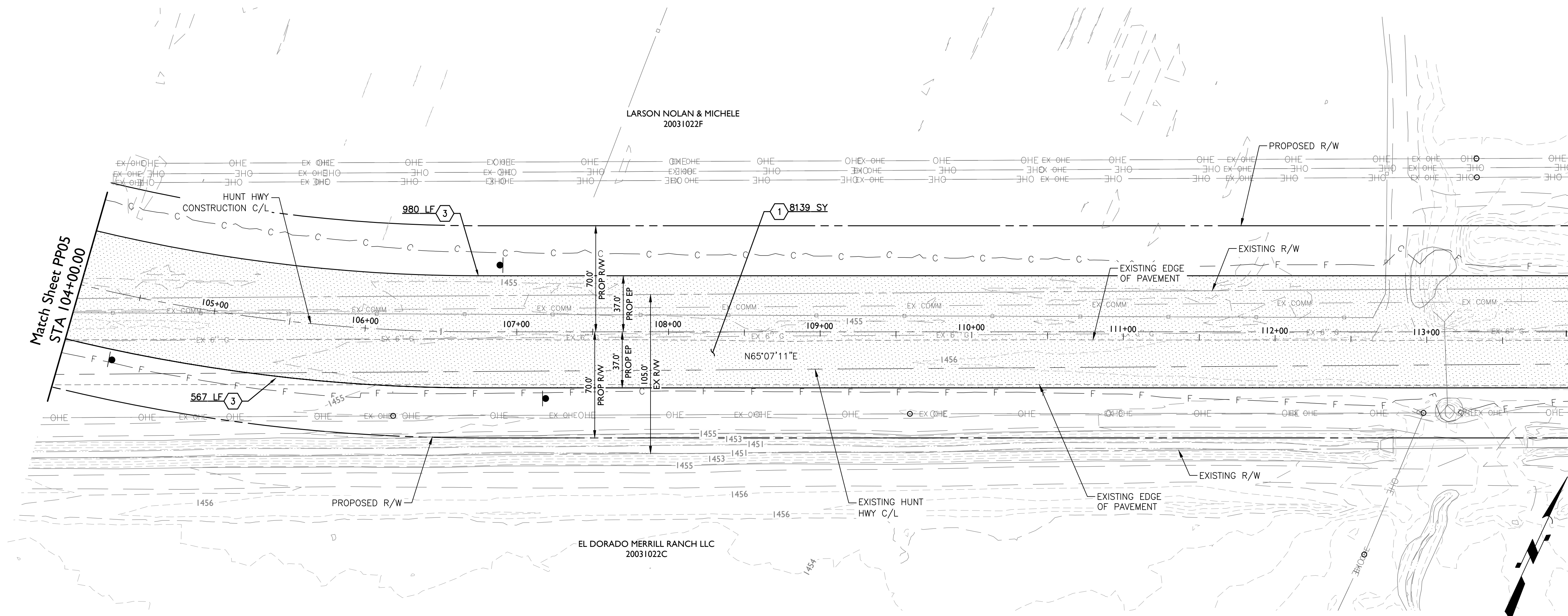
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 Dwg No. **PP05**
 Sheet No. **17**
 of **29**

21-1365.03 - Attaway Road & Hunt Highway

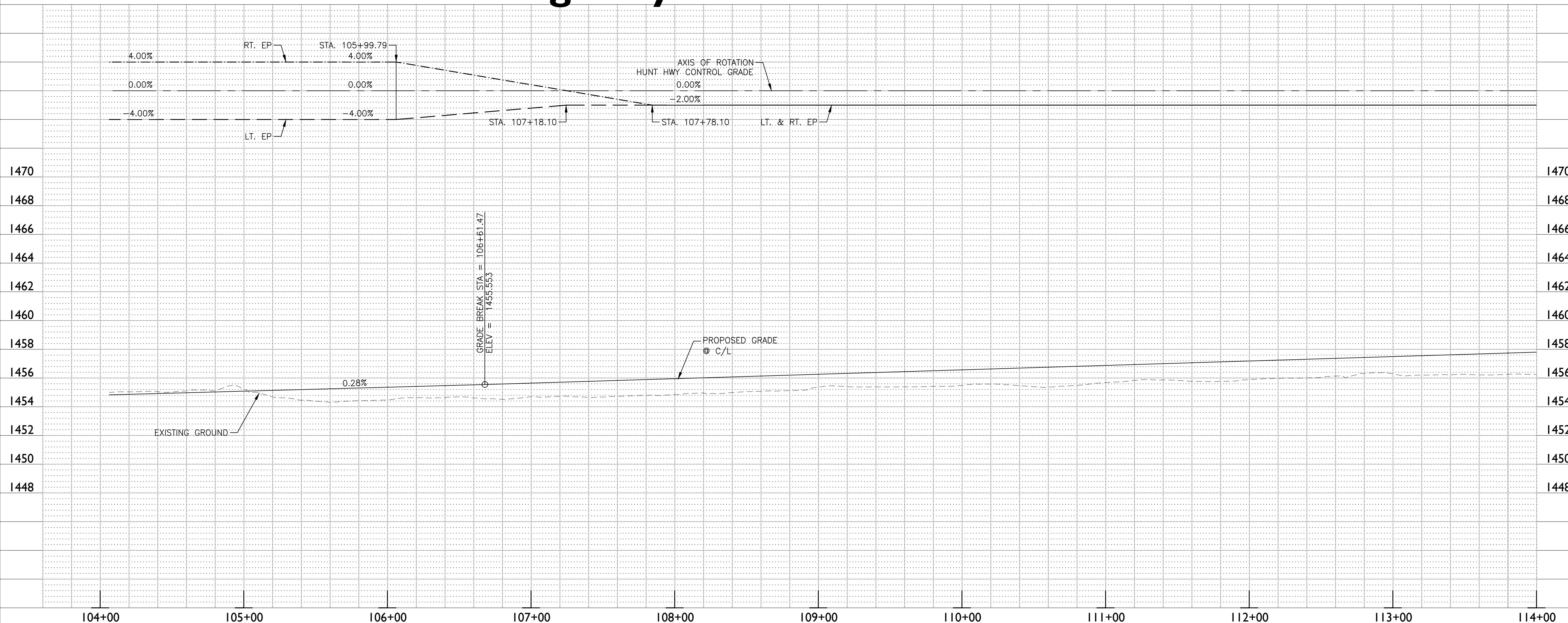
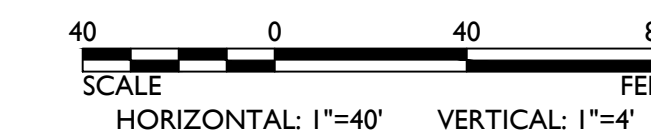
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CONSTRUCTION NOTES

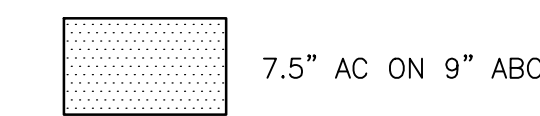
- ROADWAY
- 1 Prepare Subgrade & Install 7.5" AC Pavement over 9" ABC 8139 SY
per Structural Section #1, Sheet CS02
- 3 Thickened Edge per MAG Det 201, Type A 1547 LF



Hunt Highway



PAVEMENT LEGEND



Attaway Road & Hunt Highway

Florence, AZ

Roadway Plan & Profile Sheet

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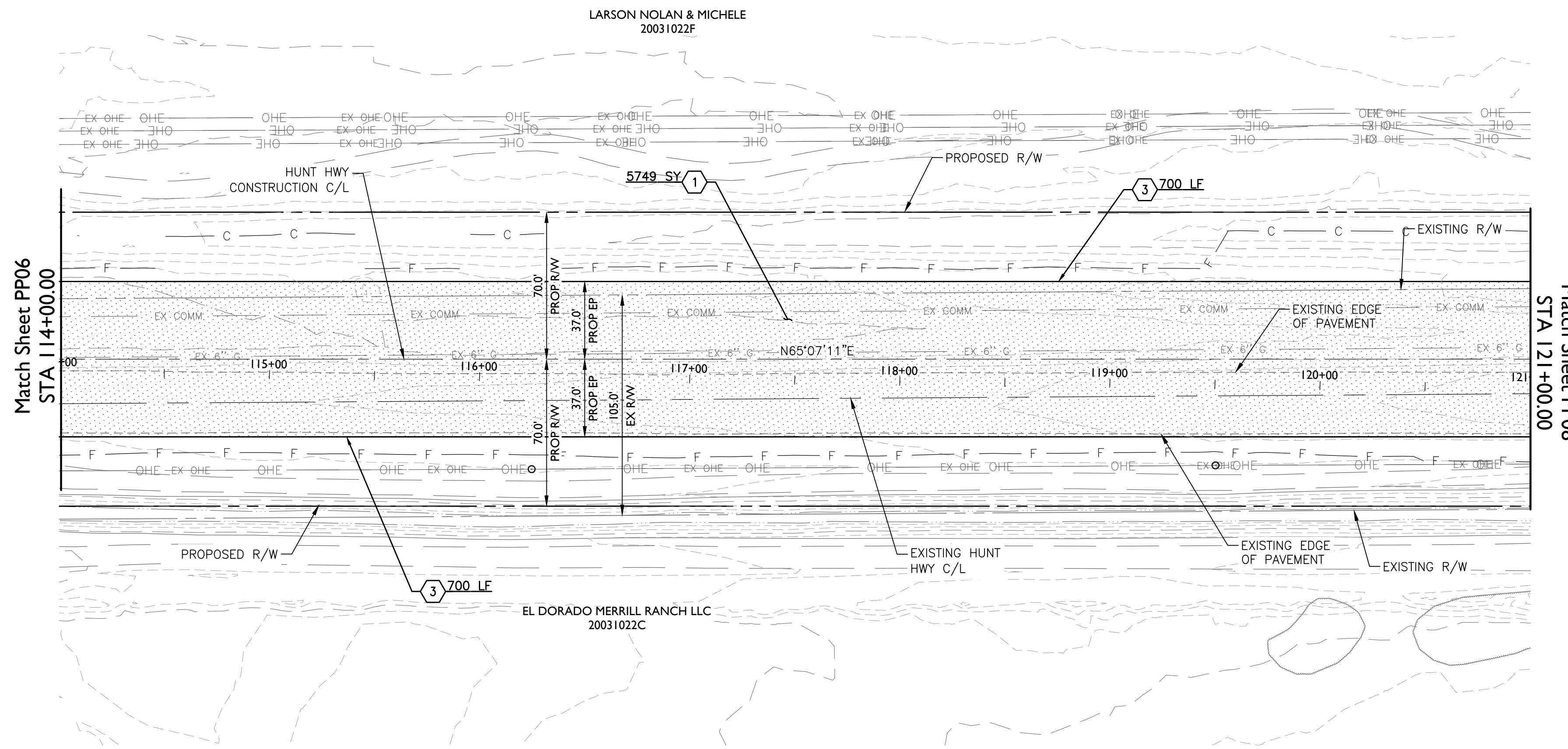
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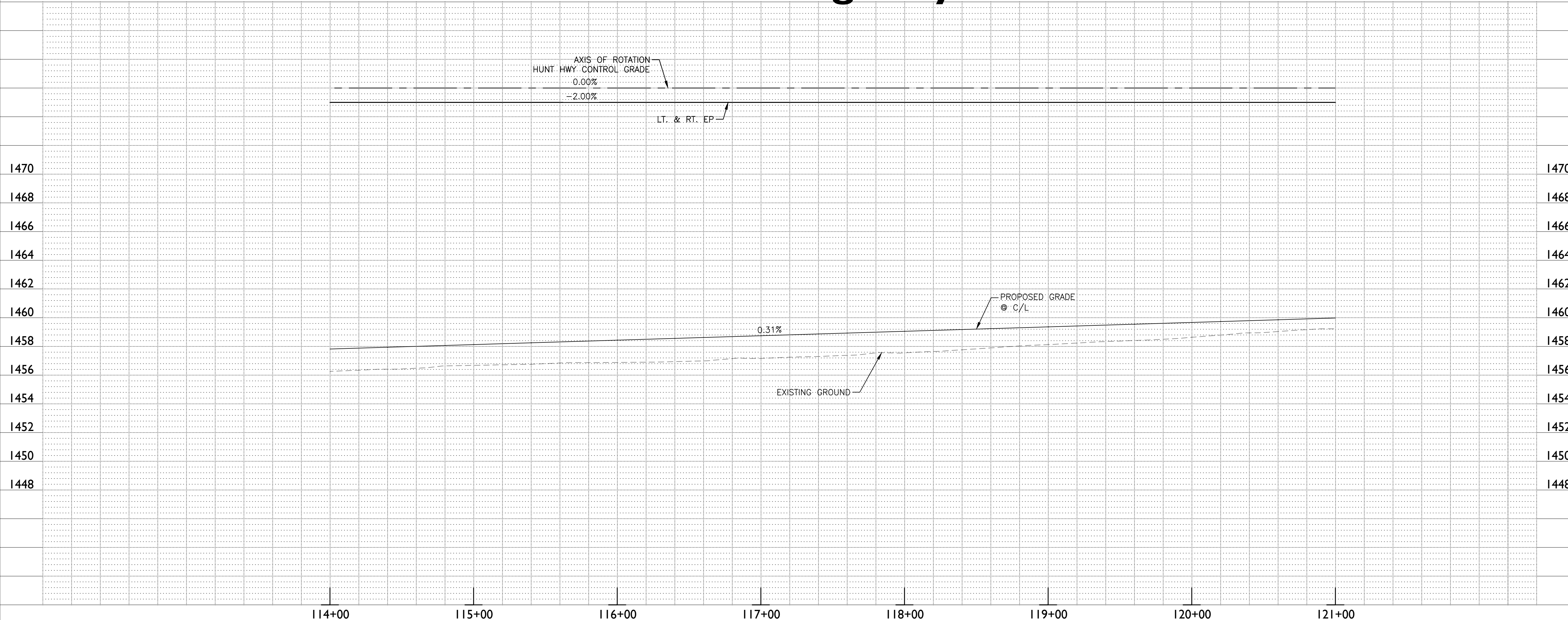
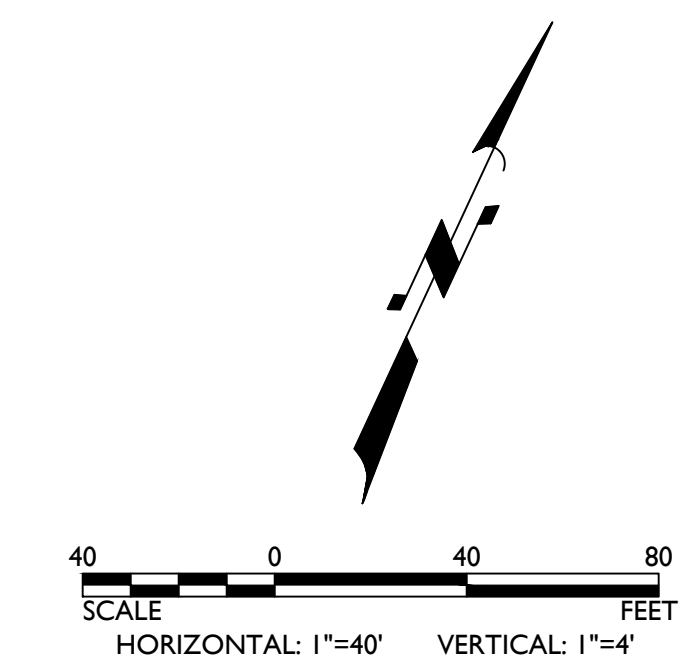
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Designer: TA
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Drawn by: RW
Dwg No. **PP06**
Sheet No. **18**
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21-1365.03 - Attaway Road & Hunt Highway

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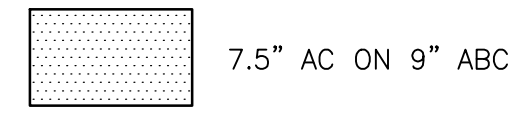
Hunt Highway



CONSTRUCTION NOTES

ROADWAY	
1 Prepare Subgrade & Install 7.5" AC Pavement over 9" ABC per Structural Section #1, Sheet CS02	5749 SY
3 Thickened Edge per MAG Det 201, Type A	1400 LF

PAVEMENT LEGEND



Attaway Road & Hunt Highway

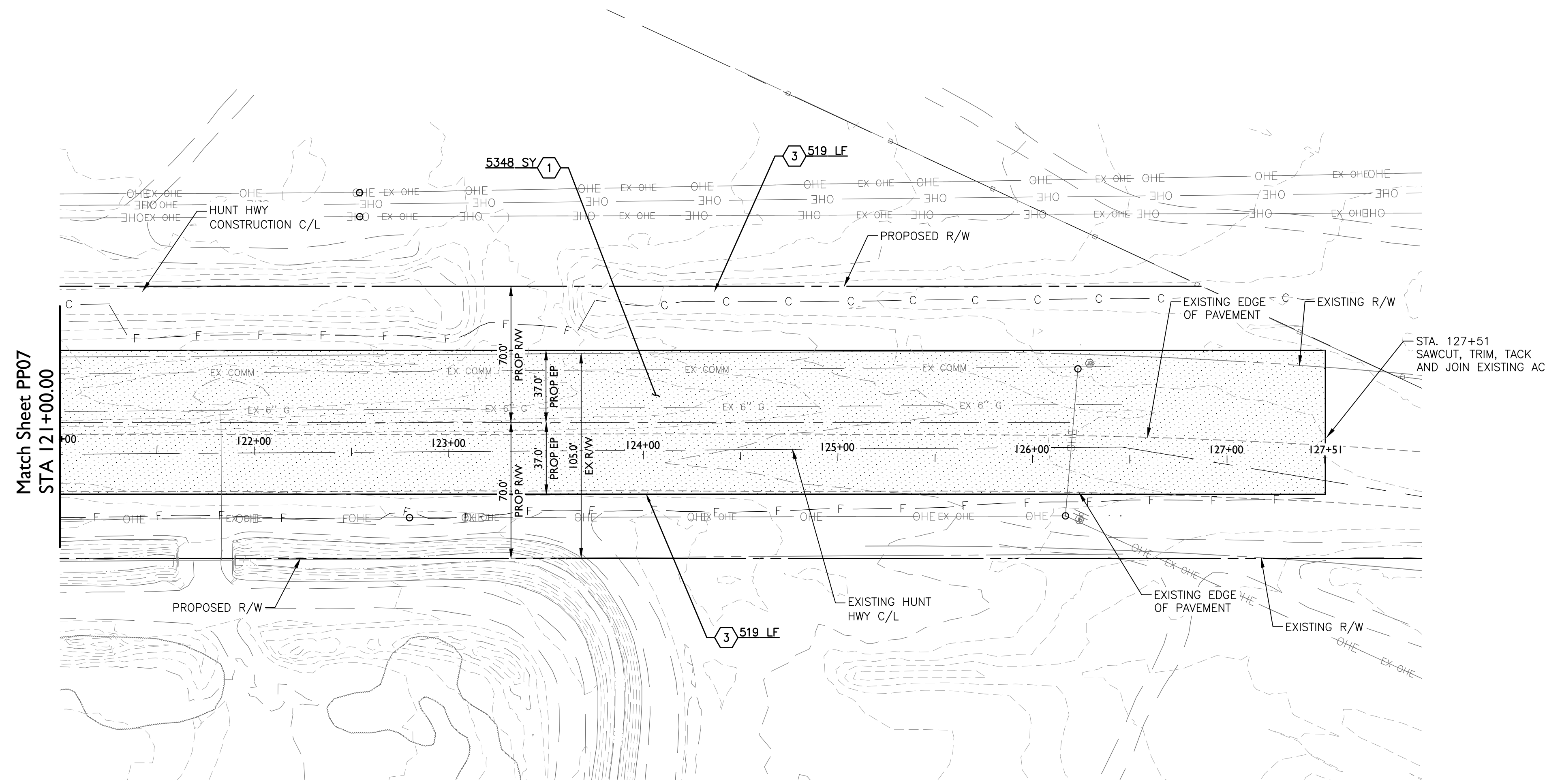
Florence, AZ

Roadway Plan & Profile Sheet

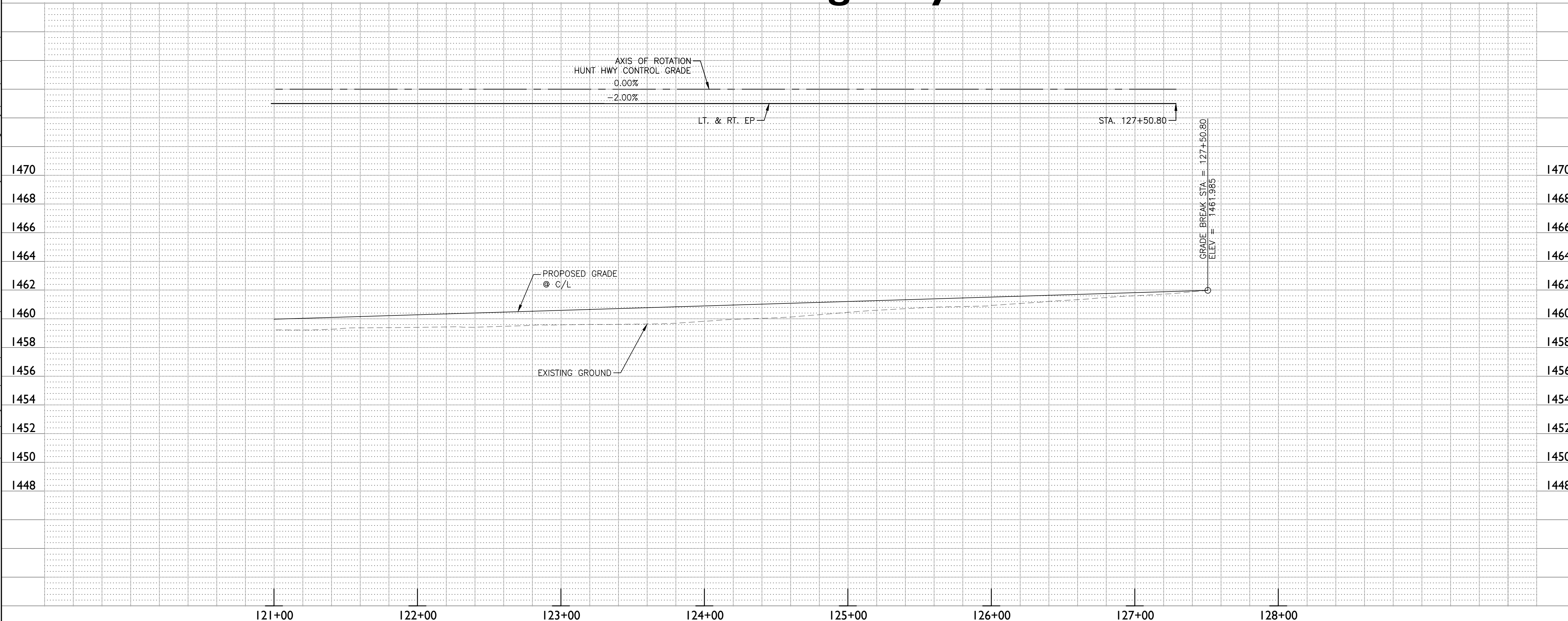
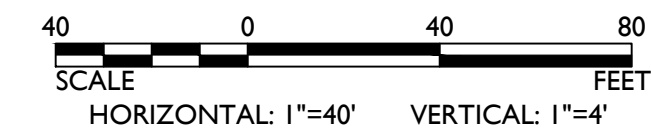
Preliminary 60% Not For Construction Or Recording	Revisions:	1130 N Alma School Road Suite 120 Mesa, AZ 85201 T: 480.503.2250 F: 480.503.2258 www.epsgroupinc.com
	Call at least two full working days before you begin excavation. Dial 8-1-1 or 1-800-STAKE-IT (782-6348) In Maricopa County: (602)265-1100	
Designer: TA	Job No. 21-1365.03	Sheet No. 19
Drawn by: RW	Dwg No. PP07	of 29

21-1365.03 - Attaway Road & Hunt Highway

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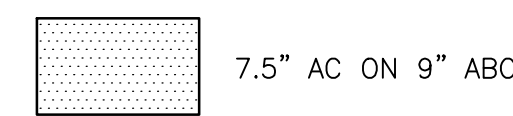
Hunt Highway



CONSTRUCTION NOTES

ROADWAY	
1 Prepare Subgrade & Install 7.5" AC Pavement over 9" ABC per Structural Section #1, Sheet CS02	4269 SY
3 Thickened Edge per MAG Det 201, Type A	1038 LF

PAVEMENT LEGEND



Attaway Road & Hunt Highway

Florence, AZ

Roadway Plan & Profile Sheet

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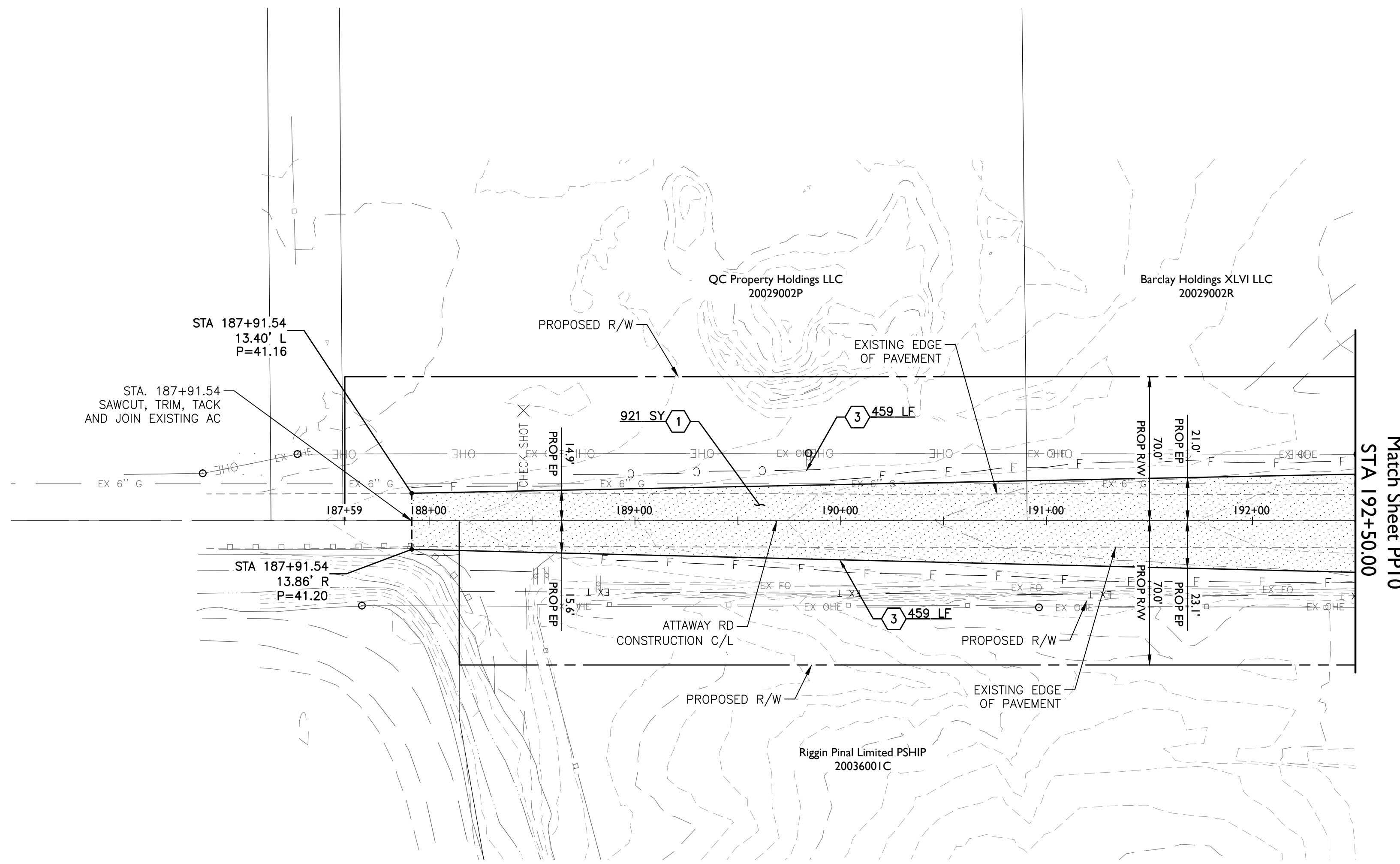
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Revisions: _____
Designer: TA
Drawn by: RW
Job No. **21-1365.03**
Dwg No. **PP08**
Sheet No. **20**
of **29**

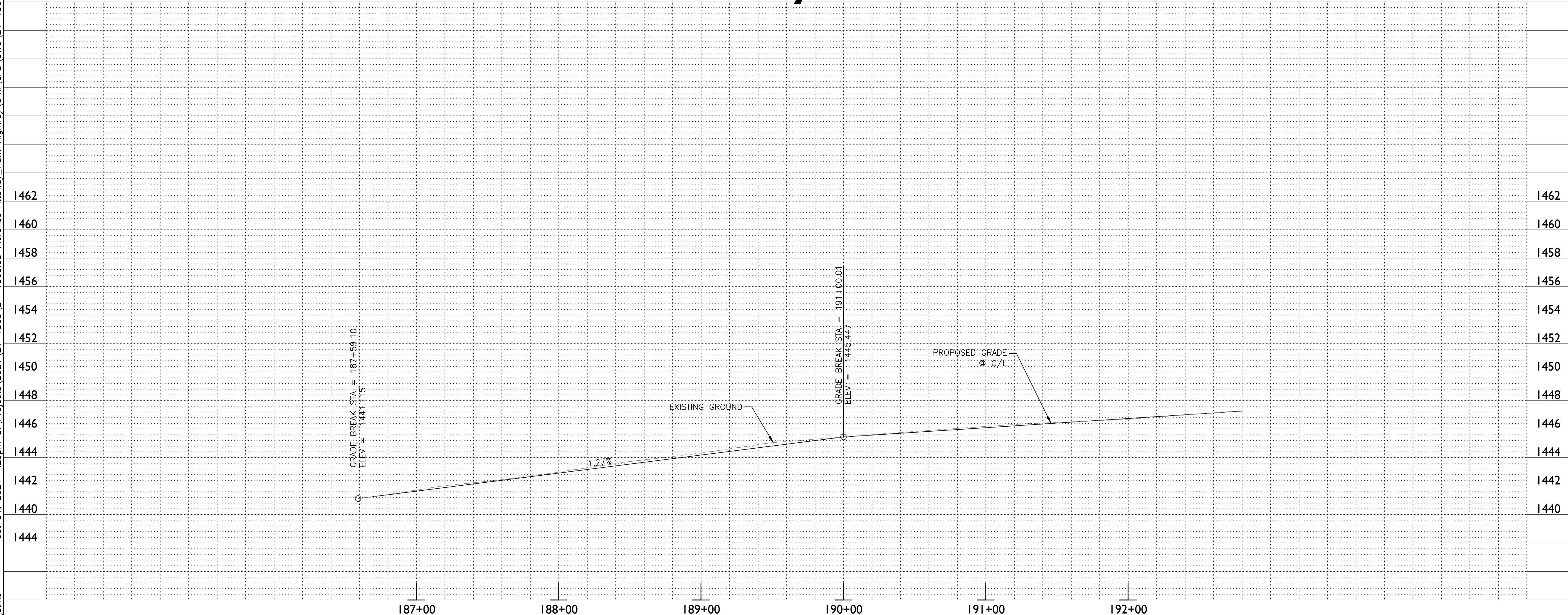
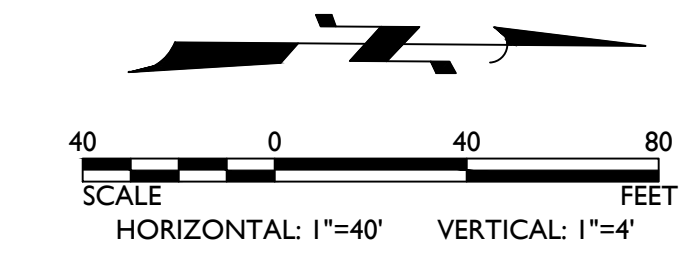
21-1365.03 - Attaway Road & Hunt Highway

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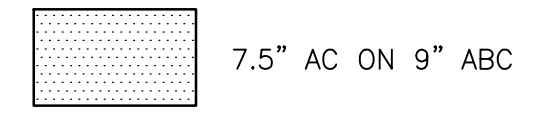
Match Sheet PP10
STA 192+50.00

Attaway Road



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

PAVEMENT LEGEND



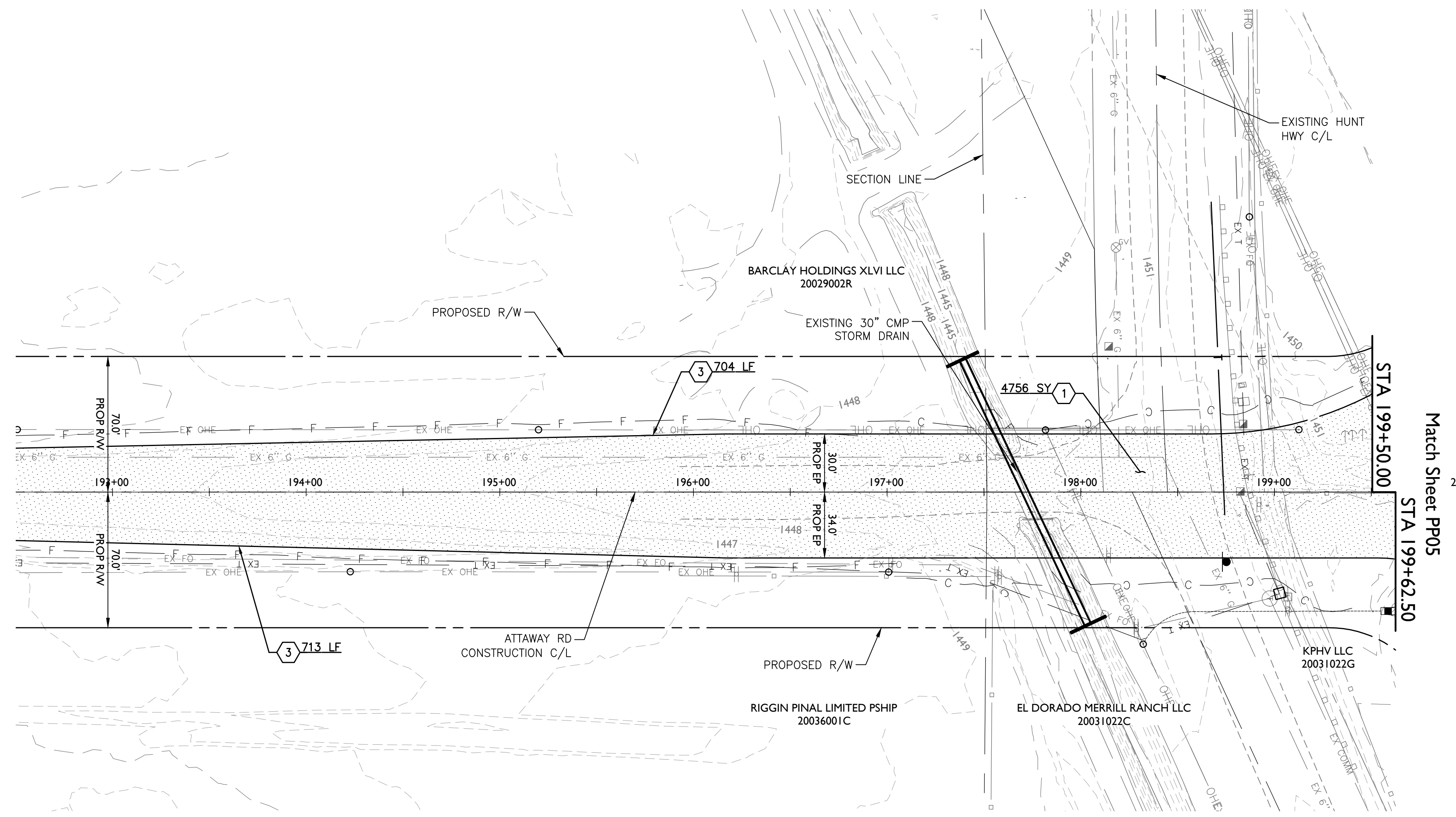
Attaway Road & Hunt Highway
Florence, AZ

Roadway Plan & Profile Sheet

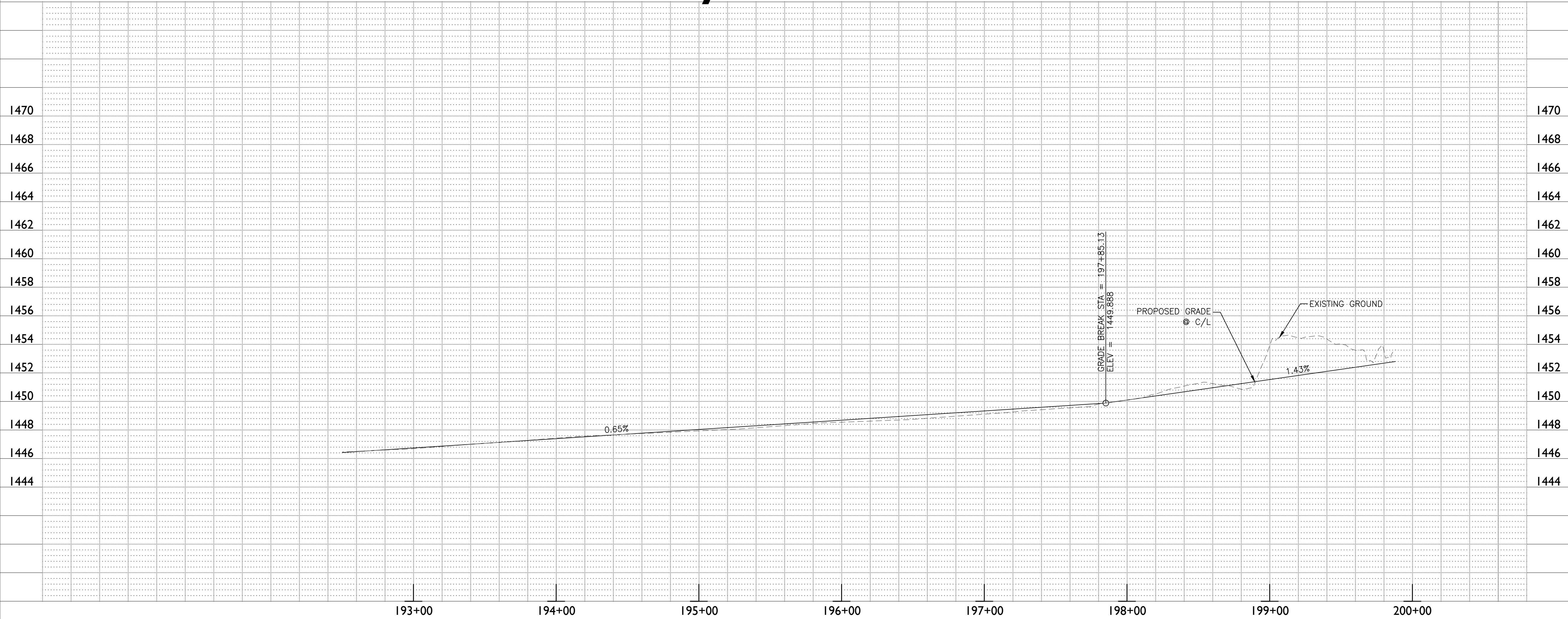
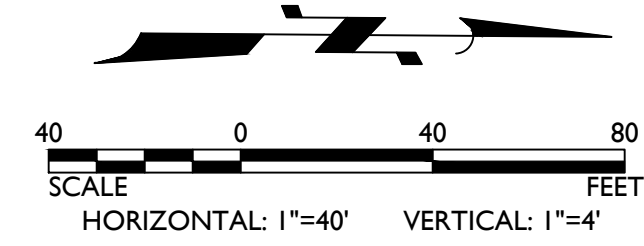
Preliminary 60% Not For Construction Or Recording	ARIZONA 811 <small>Dial 8-1-1 or 1-800-STAKE-IT (782-6348) In Maricopa County: (602)265-1100</small>	Revisions: _____ <div style="text-align: right;"> 1130 N Alma School Road Suite 120 Mesa, AZ 85201 T: 480.503.2250 F: 480.503.2258 www.epsgroupinc.com </div>
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Drawn by: RW	Dwg No. PP09	of 29

21-1365.03 - Attaway Road & Hunt Highway

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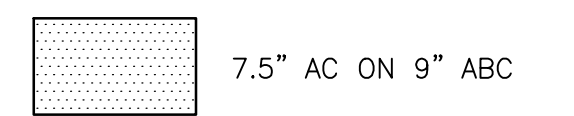
Attaway Road



CONSTRUCTION NOTES

ROADWAY		
1	Prepare Subgrade & Install 7.5" AC Pavement over 9" ABC per Structural Section #1, Sheet CS02	4756 SY
3	Thickened Edge per MAG Det 201, Type A	1417 LF

PAVEMENT LEGEND



Attaway Road & Hunt Highway

Florence, AZ

Roadway Plan & Profile Sheet

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Revisions: _____

Designer: TA
Drawn by: RW

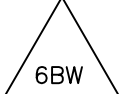
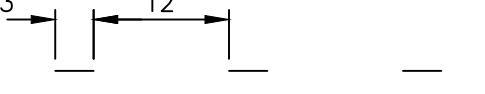

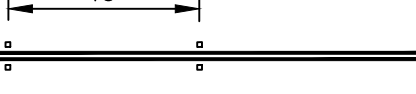

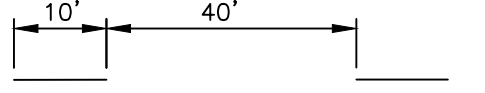

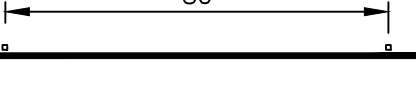

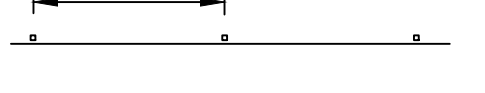


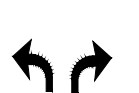
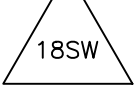

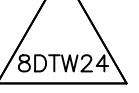
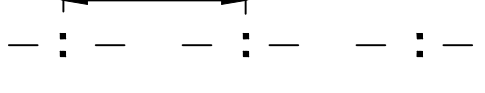
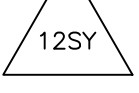

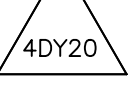
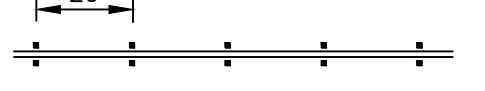
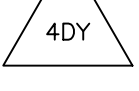
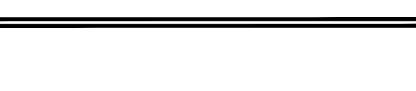
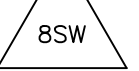


Job No. **21-1365.03**
Dwg No. **PP10**

Sheet No. **22**
of **29**

SIGNING AND PAVEMENT MARKING PLANS FOR ATTAWAY ROAD & HUNT HIGHWAY

21-1365.03 - Hunt Highway & Attaway Road

PAVEMENT MARKING LEGEND

 6" BROKEN WHITE LINE WITH A 3' LINE SEGMENT AND A 12' GAP		 4" DOUBLE YELLOW LINE W/ TYPE G RPM'S @ 40' SPACING	
 4" BROKEN WHITE LINE WITH A 10' LINE SEGMENT AND A 40' GAP		 4" SOLID WHITE LINE W/ TYPE G RPM'S @ 80' SPACING	
 8" SOLID WHITE LINE W/ TYPE G RPM'S @ 40' SPACING		 12" SOLID WHITE LINE	
 12" SOLID WHITE LEFT AND RIGHT TURN ARROWS		 18" SOLID WHITE LINE	
 8" DOTTED WHITE LINE WITH A 3' LINE SEGMENT AND A 9' GAP W/ TWO TYPE G RPM'S @ 24' SPACING		 12" SOLID YELLOW LINE	
 4" SOLID DOUBLE YELLOW LINE WITH TYPE D RPM'S @ 20' SPACING		 4" DOUBLE YELLOW LINE	
 8" SOLID WHITE LINE		 12" SOLID WHITE MERGE ARROW	






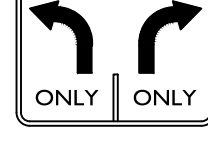
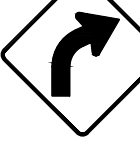

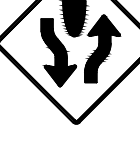



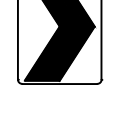

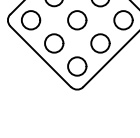
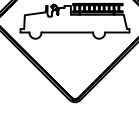




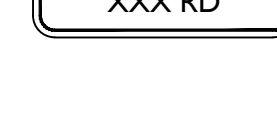
PAVEMENT MARKING NOTES

- 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 FROM THE FACE OF CURB.
- ALL SYMBOLS AND WORD LEGENDS SHALL BE PREFORMED 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 MANUFACTURERS' 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 (R3-51P - 30"x12")	 XXXXXX (XX-XX - XX"XXX")
	 XXX RD 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 _____ ± LF.	STIMSONITE MARKERS - 4 INCH WIDTH		
YELLOW _____ ± LF.	TYPE G = CLEAR, 1-WAY Reflective	□ = _____ ± Eo.	
RAISED YELLOW MEDIANS	TURN ARROWS	ONLY LEGENDS	BIKE LANE SYMBOLS
LEFT _____ ± Eo.	LEFT _____ ± Eo.	TOTAL _____ ± Eo.	TOTAL _____ ± Eo.
RIGHT _____ ± Eo.	RIGHT _____ ± Eo.		
YELLOW _____ ± Eo.	COMBO _____ ± Eo.		
RPM NOTE: MARKERS SHALL BE PLACED SO THAT REFLECTIVE FACE IS PERPENDICULAR TO TRAFFIC.			
EX. STRIPING OBLITERATION: _____ ± LF			

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

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Project: Hunt Highway & Attaway Road
 Florence, AZ

Signing & Pavement Marking Cover Sheet

Revisions:

Designer: TA
 Drawn by: RW

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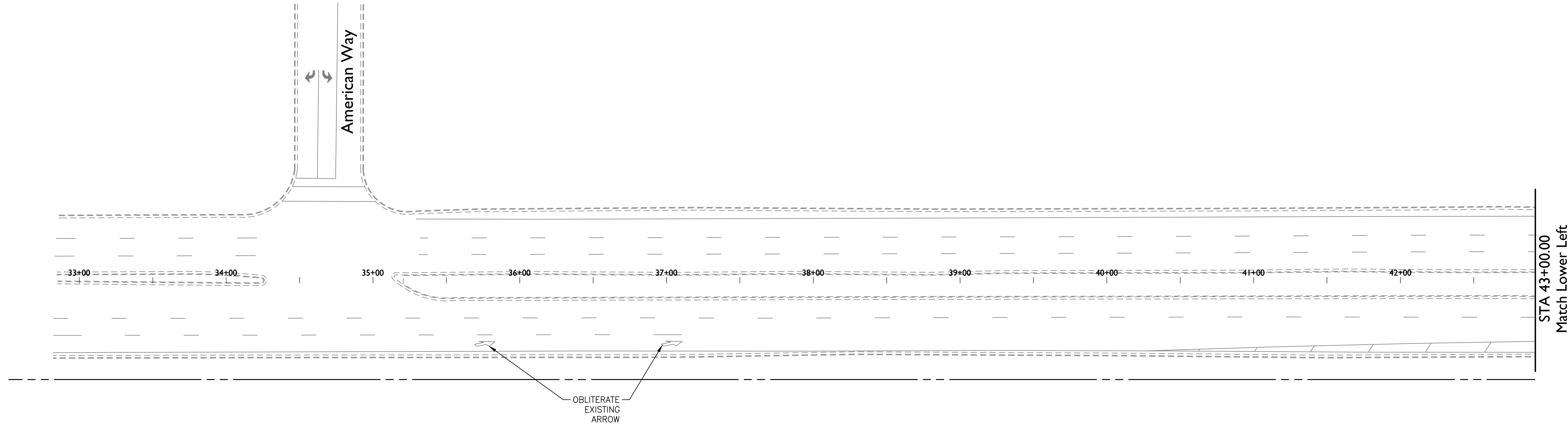
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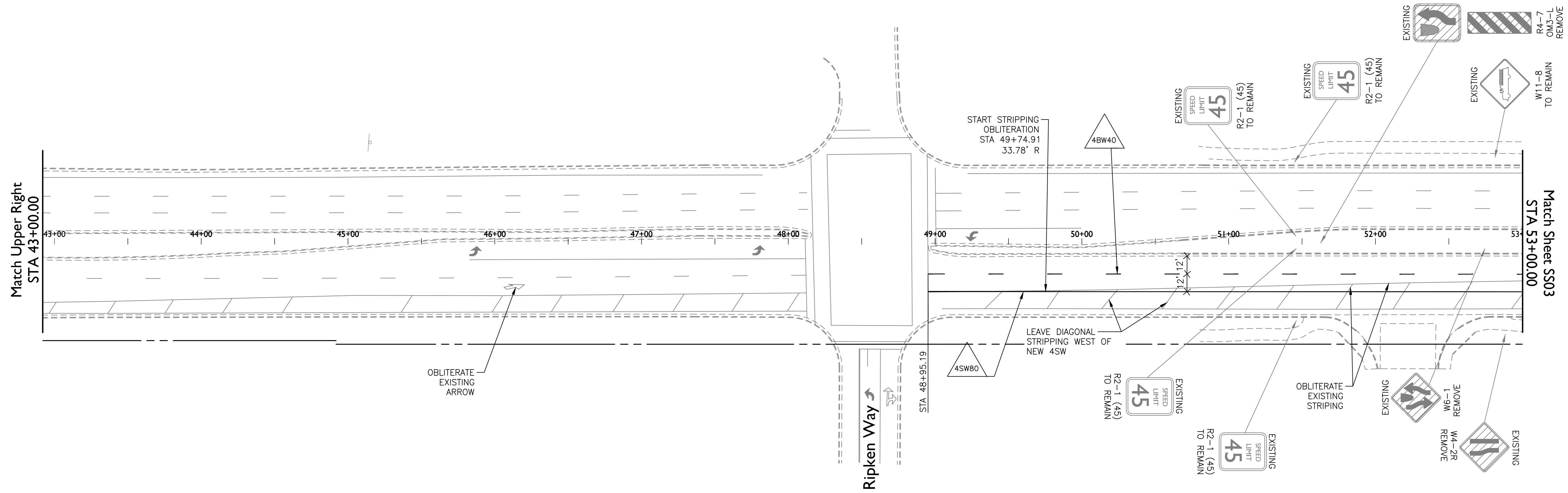
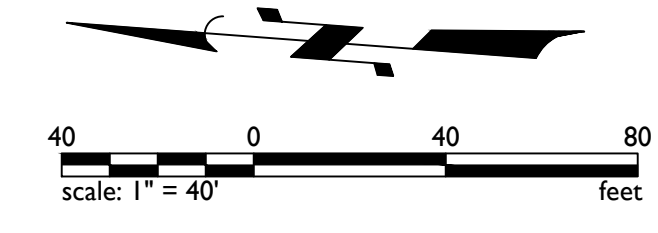
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 of 29

21-1365.03 - Hunt Highway & Attaway Road

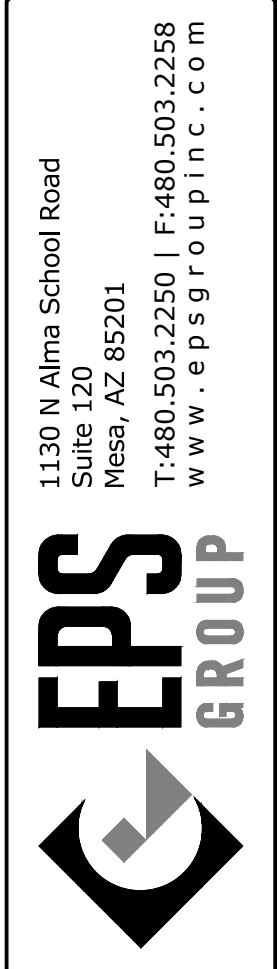
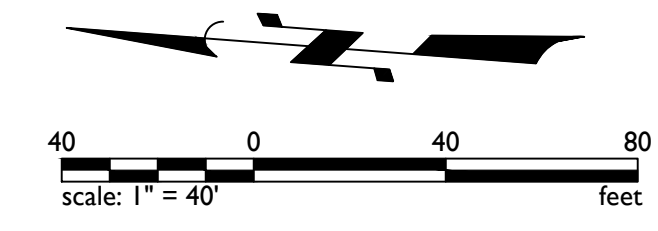
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Hunt Highway



Hunt Highway



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Project: Hunt Highway & Attaway Road
Florence, AZ
Signing & Pavement Marking Sheet

Revisions:

No.	Description



Designer: TA
Drawn by: RW

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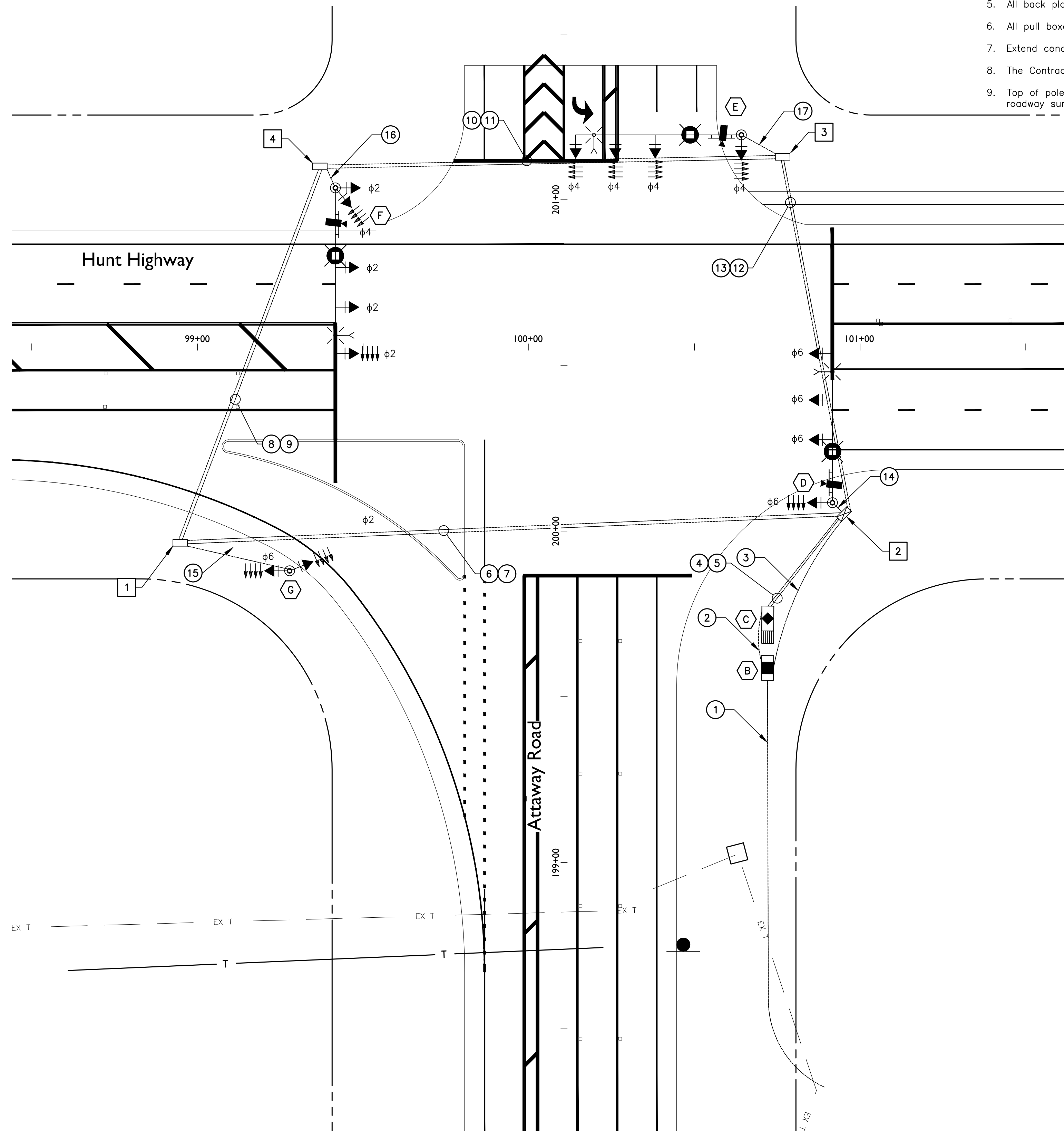
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21-1365.03

SS02

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24
of 29

21-1365.03 - Hunt Highway & Attaway Road

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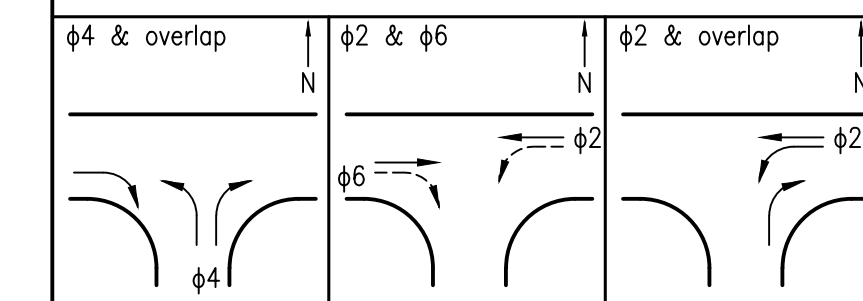
PLAN NOTES:

- All material and installation shall conform to the 2021 Standard Specifications and ADOT's most current Traffic Signals and Lighting Standard Drawings.
- 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.
- For electrical service, the Contractor shall coordinate with NTUA. All applications fees and connections fees will be paid by the Contractor to NTUA after review by the ADOT Engineer. The Contractor will then submit the paid invoices to the Resident Engineer for reimbursement through item number 9240015, Provide Electrical Services. See detail on this sheet.
- See striping plans to verify actual lane dimensions and stop bar locations.
- All back plates for signal faces shall be lowered.
- All pull boxes shall be left in a clean condition, free of dirt and debris upon completion of the work.
- Extend conduits to new pull box locations as shown on the plans.
- The Contractor shall field verify all pole locations with the Engineer, prior to any constructions activity.
- 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
- 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)

PHASING SCHEMATIC



NO.	TYPE	LOCATION (Hunt Hwy Sta)
1	NO. 7	Sta 98+84, 59' Rt
2	NO. 7 W/ EXTENSION	Sta 100+85, 50' Rt
3	NO. 7	Sta 100+66, 57' Lt
4	NO. 7	Sta 99+26, 55' Lt



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Project: Hunt Highway & Attaway Road
Florence, AZ

Revisions:

Designer: TA
Drawn by: RW

Preliminary
60%
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Or
Recording
Job No.
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