

COCONINO COUNTY

SHADOW MOUNTAIN DRIVE RECONSTRUCTION

SECTION 1 TOWNSHIP 21 NORTH, RANGE 5 EAST, G&SRM
SECTION 36 TOWNSHIP 22 NORTH, RANGE 5 EAST, G&SRM
COCONINO COUNTY, ARIZONA

COORDINATE SYSTEM DETAILS

LINEAR UNIT: INTERNATIONAL FEET
GEODETTIC DATUM: NAD 1983 (NSRS2011)
VERTICAL DATUM: NAVD 1988
SYSTEM: COCONINO COUNTY
ZONE: PARKS LOW DISTORTION PROJECTION

PROJECTION: TRANSVERSE MERCATOR
LATITUDE OF GRID ORIGIN: 35° 14' 00" N
LONGITUDE OF CENTRAL MERIDIAN: 111° 57' 00" W
NORTHING AT GRID ORIGIN: 10,000 FT
EASTING AT CENTRAL MERIDIAN: 50,000 FT
CENTRAL MERIDIAN: 1,000349

ALL MEASURED DISTANCES AND BEARINGS SHOWN HEREON ARE GRID VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT GRID DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.

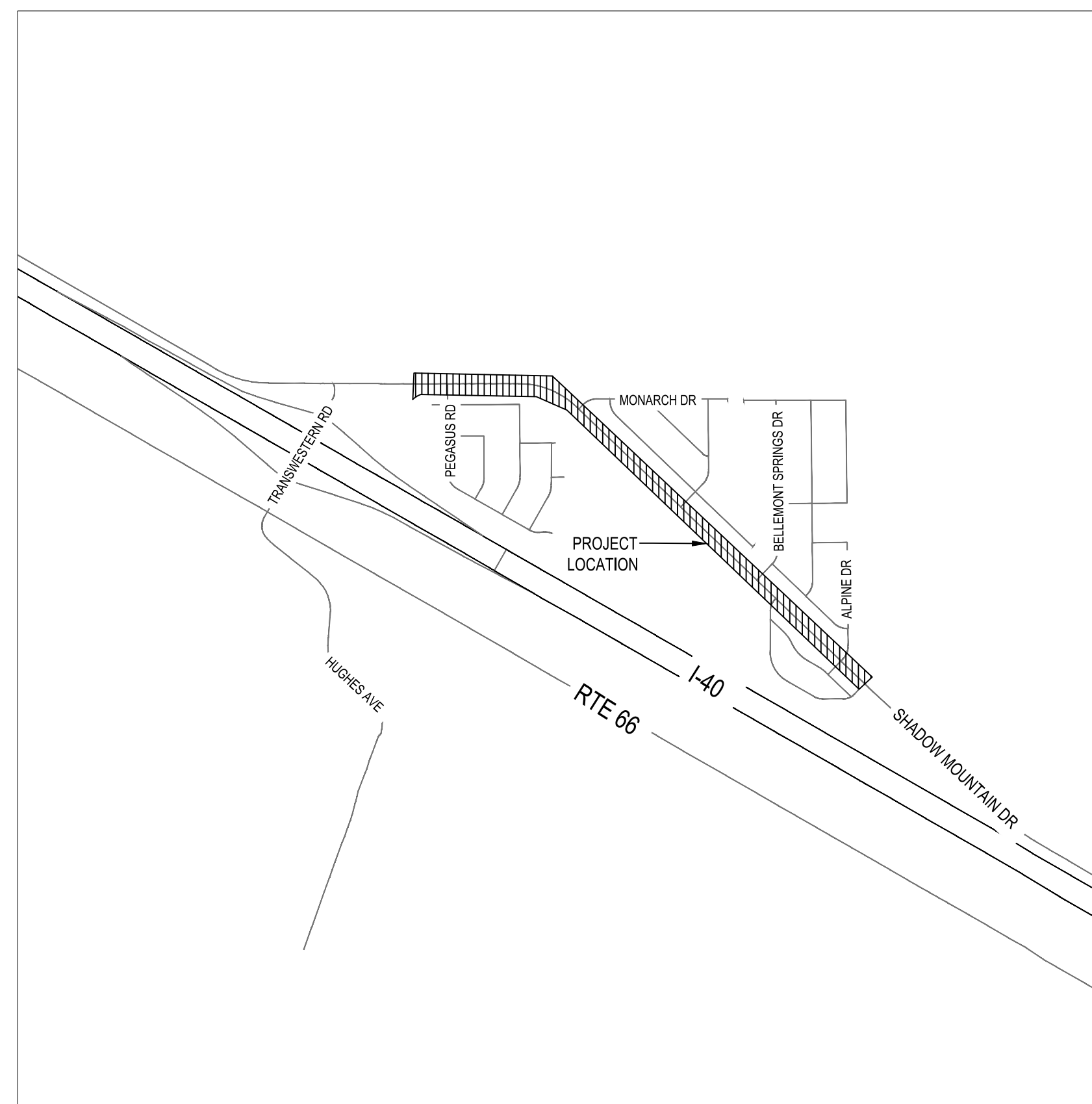
THE BASIS OF BEARINGS IS TRUE GEODETTIC NORTH. NOTE THAT THE MEASURED GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETTIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

ORTHOMETRIC HEIGHTS (ELEVATIONS) WERE TRANSFERRED TO THE SITE FROM NGS STATION L490 CP 100, (PID FQ0383), 8708.31' N, 90899.27' E, 7128.53' ELEVATION, USING GPS WITH GEOID 18. ELEVATIONS SHOWN HEREON ARE REFERENCED TO THIS STATION.

SURVEY NOTES

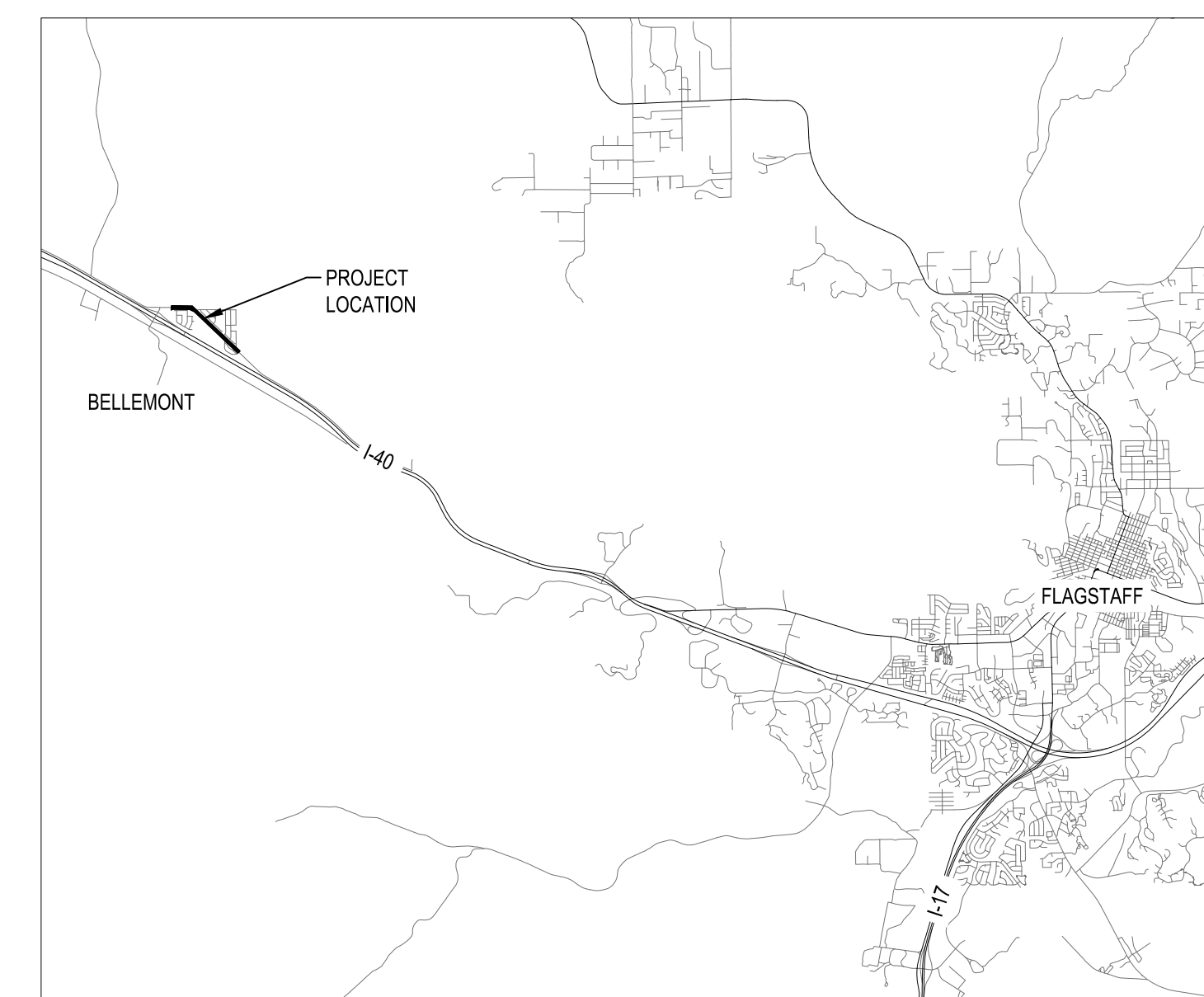
THE FIELD SURVEY AND MEASUREMENTS WERE COMPLETED BY COCONINO COUNTY DURING OCTOBER AND NOVEMBER 2023.

ALL DIMENSIONS SHOWN ARE MEASURED. MEASURED DIMENSIONS MAY BE UNADJUSTED FIELD MEASUREMENTS. ADJUSTED FIELD MEASUREMENTS OR DIMENSIONS CALCULATED DIRECTLY FROM UNADJUSTED OR ADJUSTED FIELD MEASUREMENTS.



VICINITY MAP

SCALE: 1" = 1000'



LOCATION MAP

NOT TO SCALE

OWNER

COCONINO COUNTY PUBLIC WORKS
5600 E COMMERCE AVE
FLAGSTAFF, AZ 86004
CONTACT: STEVONNE ASHLEY
EMAIL: SASHLEY@COCONINO.AZ.GOV
PH: (928) 679-8344

ENGINEER

THE WLB GROUP, INC
120 N BEAVER ST, SUITE 100
FLAGSTAFF, AZ 86001
CONTACT: DANIEL BURKE, PE
EMAIL: DBURKE@WLBGROUP.COM
PH: (928) 779-1500

LEGEND

.....	EXISTING MAJOR CONTOUR	-----	PROPOSED MAJOR CONTOUR
.....	EXISTING MINOR CONTOUR	-----	PROPOSED MINOR CONTOUR
-----	EXISTING RIGHT-OF-WAY LINE	-----	PROPOSED ROADWAY CENTERLINE
-----	EXISTING CENTERLINE	-----	PROPOSED FLOW LINE
WD	EXISTING WOOD WIRE FENCE	-----	RIGHT-OF-WAY
W	EXISTING WATER LINE	+	SURVEY MONUMENT
S	EXISTING SEWER LINE	100	CONSTRUCTION NOTE
T	EXISTING UNDERGROUND TELECOMM LINE	▨	PROPOSED ASPHALT (DETAIL 1)
UGE	EXISTING UNDERGROUND ELECTRIC LINE	▨	PROPOSED ASPHALT SHOULDER (DETAIL 2)
CAS	EXISTING GAS LINE	▨	PROPOSED ASPHALT MILL AND FILL (DETAIL 3)
▨	EXISTING STORMDRAIN	▨	PROPOSED PENETRATION DECK SEALER
-----	GRADING LIMITS	⊗	REMOVE AND DISPOSE OF VEGETATION
⊙	EXISTING LIGHT	⊕	EXISTING VEGETATION TO REMAIN
⊖	EXISTING SIGN		
⊗	EXISTING BUSH / SHRUB		
⊕	EXISTING WATER VALVE		
⊕	EXISTING FIRE HYDRANT		
⊕	EXISTING SEWER MANHOLE		
⊕	EXISTING TELECOMM BOX		
⊕	EXISTING ELECTRIC MANHOLE		
⊕	EXISTING ELECTRIC BOX		
▨	EXISTING CONCRETE		
▨	EXISTING ASPHALT		

SHEET INDEX

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ABBREVIATION

EX	EXISTING
ME	MATCH EXISTING
FL	FLOW LINE
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY

CONCEPT APPROVAL NOTE:

THE COUNTY APPROVES THESE PLANS FOR CONCEPT ONLY. ALL LIABILITY RESULTING FROM ERRORS OR OMISSIONS IS THE RESPONSIBILITY OF THE PERMITTEE AND/OR HIS CONSULTANTS AND EMPLOYEES. COCONINO COUNTY DOES NOT VERIFY OR GUARANTEE THE MEASUREMENTS, CALCULATIONS, OWNERSHIP OR CONCLUSIONS INDICATED BY THE CREATOR OF THESE PLANS.

COCONINO COUNTY APPROVALS

Cel. Ash 01/30/2025
COUNTY ENGINEER DATE

UTILITY ACKNOWLEDGMENTS

KEVIN WAGNER 10/4/2024
LUMEN DATE

JASON QUINLAN 9/3/2024
OPTIMUM DATE

JONATHAN DUFEK 10/9/2024
ARIZONA PUBLIC SERVICE DATE

MARTIN CONBOY 10/9/2024
UNSOURCE ENERGY SERVICES DATE

SUBMITTED TO UTILITY SOURCE 9/3/2024, 12/12/2024 & 1/22/2025
UTILITY SOURCE, LLC DATE

NO.	DATE	ITEM	REVISIONS

ENGINEERING • PLANNING • SURVEYING
LANDSCAPE ARCHITECTURE • URBAN DESIGN
OFFICE LOCATIONS:
TUCSON, PHOENIX, FLAGSTAFF, & LAS VEGAS, NV
120 N. BEAVER STREET SUITE 100, FLAGSTAFF, AZ 86001
PH: (928) 779-1500

The WLB Group, Inc.

SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
COVER SHEET



DESIGNED BY: KK, DB	DATE: JANUARY 2025
DRAWN BY: KK	
CHECK BY: DB, WLB	

PROJECT NO.
323015A001

SHEET
C1.0

100% PLANS



COCONINO COUNTY GENERAL NOTES

- APPROVAL OF THESE PLANS BY THE COUNTY ENGINEER IS FOR A ONE-YEAR PERIOD. SUBSEQUENT TO THE DATE OF APPROVAL, IF CONSTRUCTION WORK IS NOT STARTED WITHIN THE ONE-YEAR PERIOD, OR HAS BEEN DISCONTINUED FOR ANY REASON FOR LONGER THAN ONE YEAR, THE PLANS SHALL BE RESUBMITTED FOR REVIEW AND RE-APPROVAL.
- PLAN REVIEW BY THE COUNTY DOES NOT EXTEND TO MATERIAL QUANTITIES SHOWN ON THE PLANS.
- A ENCROACHMENT PERMIT, ISSUED BY THE PUBLIC WORKS DEPARTMENT IS REQUIRED FOR ALL WORK IN COUNTY RIGHTS-OF-WAY OR EASEMENTS. FOR CONSTRUCTION OF ANY IMPROVEMENTS A GRADING PERMIT WILL BE REQUIRED.
- THE COUNTY SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO BEGINNING DIFFERENT PHASES OF CONSTRUCTION SO THAT COUNTY INSPECTORS MAY BE SCHEDULED.
- FOR CONSTRUCTION PURPOSES, THE FOLLOWING PRECEDENCE OF STANDARDS WILL PREVAIL: CURRENT COCONINO COUNTY PUBLIC WORKS ENGINEERING DEPARTMENT STANDARDS; CURRENT INTERNATIONAL BUILDING CODE (IBC), PROJECT SPECIFIC PLANS AND SPECIFICATIONS, ADOT STANDARDS, AND MAG STANDARDS - OR OTHER SPECIFICATIONS APPROVED BY THE COUNTY ENGINEER AND WITH GENERALLY ACCEPTED GOOD CONSTRUCTION PRACTICE. ALL WORK AND MATERIALS WHICH DO NOT CONFORM TO THE STANDARDS AND SPECIFICATIONS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- ANY WORK PERFORMED WITHOUT THE KNOWLEDGE AND APPROVAL OF THE COUNTY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE, IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- THE COUNTY ENGINEER OR AUTHORIZED REPRESENTATIVE MAY SUSPEND THE WORK BY WRITTEN NOTICE WHEN, IN THEIR JUDGMENT, PROGRESS IS UNSATISFACTORY, WORK BEING DONE IS UNAUTHORIZED OR DEFECTIVE, WEATHER CONDITIONS ARE UNSUITABLE, OR THERE IS DANGER TO THE PUBLIC HEALTH OR SAFETY.
- THE COUNTY ENGINEER MAY ORDER ANY OR ALL MATERIALS USED IN THE WORK TO BE TESTED ACCORDING TO THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) AND THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) STANDARDS. THE CONTRACTOR SHALL, AT THEIR EXPENSE, HIRE A QUALIFIED TESTING LABORATORY TO PERFORM QUALITY CONTROL (QC) DURING ALL PHASES OF CONSTRUCTION, AS STATED IN COCONINO COUNTY STANDARDS, OR AS DIRECTED IN THE SPECIAL PROVISIONS.
- LOCAL FIRE DEPARTMENT, COUNTY ENGINEERING DIVISION AND OTHER EMERGENCY RESPONDER'S APPROVAL IS REQUIRED FOR OBSTRUCTION OF ACCESS OR WATER SYSTEM SHUTDOWN - SUBMISSION OF TRAFFIC CONTROL PLANS ARE REQUIRED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE STREETS AND OF PARTIALLY COMPLETED PORTIONS OF THE WORK UNTIL FINAL ACCEPTANCE OF THE WORK. ANY ROADS REQUIRED TO BE CLOSED FOR THE CONSTRUCTION ACTIVITY SHALL BE REOPENED WITHIN A REASONABLE TIME OR UPON ORDER OF COUNTY ENGINEER. THE REGULATION AND CONTROL OF THIS TRAFFIC SHALL BE AS DIRECTED BY THE COUNTY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE.
- APPROVAL OF A PORTION OF THE WORK IN PROGRESS DOES NOT GUARANTEE ITS FINAL ACCEPTANCE. TESTING AND EVALUATION MAY CONTINUE UNTIL WRITTEN FINAL ACCEPTANCE OF A COMPLETE WORKABLE UNIT. ANY DEFECTS WHICH APPEAR IN THE WORK WITHIN ONE YEAR FROM THE DATE OF ACCEPTANCE AND WHICH ARE DUE TO IMPROPER WORKMANSHIP OR INFERIOR MATERIALS SUPPLIED SHALL BE CORRECTED BY OR AT THE EXPENSE OF THE CONTRACTOR.
- ACCEPTANCE OF COMPLETED PUBLIC IMPROVEMENTS WILL NOT BE GIVEN UNTIL DEFECTIVE OR UNAUTHORIZED WORK IS REMOVED, AND FINAL CLEAN-UP IS COMPLETE.
- LOCATION OF UNDERGROUND UTILITIES BEFORE WORK IS BEGUN IS TO BE ACCOMPLISHED IN ACCORDANCE WITH ARS 40-361-22.
- IF WORK IS DONE ON PRIVATE PROPERTY IN RELATION TO A PROJECT CONSTRUCTED UNDER THESE STANDARDS, THE CONTRACTOR WILL PROVIDE THE COUNTY WITH WRITTEN AUTHORIZATION FROM THE PROPERTY OWNER TO DO SO.
- THE ESTABLISHMENT AND USE OF TEMPORARY CONSTRUCTION YARDS SHALL REQUIRE WRITTEN AUTHORIZATION FROM THE COUNTY PUBLIC WORKS DEPARTMENT.
- COUNTY APPROVAL OF THESE PLANS IS FOR CONCEPT ONLY. ALL LIABILITY RESULTING FROM ERRORS OR OMISSIONS IS THE RESPONSIBILITY OF THE PERMITTEE AND/OR IS CONSULTANTS AND EMPLOYEES. COCONINO COUNTY DOES NOT VERIFY OR GUARANTEE THE MEASUREMENTS, CALCULATIONS, OWNERSHIP, OR CONCLUSIONS INDICATED BY THE CREATOR OF THESE PLANS.

EARTHWORK

THE EARTHWORK QUANTITIES ARE APPROXIMATE AND DO NOT TAKE INTO ACCOUNT SHRINK, SWELL, OR ROCK FOUND IN CUT SECTIONS. ALL EARTHWORK IS CONSIDERED "UNCLASSIFIED" AND IS INCIDENTAL TO THE REMOVAL AND REPLACEMENT OF THE EXISTING ROADWAY. CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ANY EXCESS MATERIAL. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EARTHWORK QUANTITIES. EARTHWORK SHALL BE DONE IN ACCORDANCE WITH THE GEOTECHNICAL EVALUATION BY WESTERN TECHNOLOGIES, DATED DECEMBER 15, 2023. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR ROCK EXCAVATION.

CUT: 3036 CY
 FILL: 649 CY
 NET: 2386 CY (CUT)

RIGHT-OF-WAY AND TRAFFIC CONTROL

THE CONTRACTOR SHALL PROVIDE ANY NECESSARY TRAFFIC CONTROL DEVICES REQUIRED FOR THE CONTROL OF VEHICLE AND PEDESTRIAN TRAFFIC AFFECTED BY THE CONSTRUCTION. ALL TRAFFIC CONTROL PLANS MUST BE APPROVED BY THE OWNER OR HIS REPRESENTATIVE PRIOR TO IMPLEMENTATION.

WATER, SEWER AND RECLAIMED WATER

AT LEAST 48 HOURS PRIOR NOTICE IS REQUIRED BEFORE DISRUPTING EXISTING UTILITY SERVICE TO MAKE CONNECTIONS. THE NOTICE MUST INCLUDE THE EXACT TIME OF THE DISRUPTION OF SERVICE AND THE EXPECTED DURATION OF THE LOSS OF SERVICE.

DRAINAGE

ADEQUATE DRAINAGE, EROSION AND SEDIMENT CONTROL MEASURES, BEST MANAGEMENT PRACTICES, AND/OR OTHER STORMWATER MANAGEMENT FACILITIES SHALL BE PROVIDED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION. DAMAGES TO ADJACENT PROPERTY AND/OR THE CONSTRUCTION SITE CAUSED BY THE CONTRACTOR'S OR PROPERTY OWNER'S FAILURE TO PROVIDE AND MAINTAIN ADEQUATE DRAINAGE AND EROSION/SEDIMENT CONTROL FOR THE CONSTRUCTION AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND/OR PROPERTY OWNER.

UTILITY CONFLICT NOTES

EXISTING UTILITIES SHOWN ARE BASED ON THE BEST AVAILABLE INFORMATION AND FOUND UTILITY APPURTENANCES. SOME LINES SHOWN ARE SCHEMATIC. CONTRACTOR IS RESPONSIBLE FOR INDEPENDENTLY VERIFYING ALL UTILITY LINE LOCATIONS PRIOR TO CONSTRUCTION. CONTRACTOR IS TO NOTIFY OWNER AND ENGINEER IMMEDIATELY IF CONFLICTS ARISE.

COCONINO COUNTY PAVING NOTES

ALL PAVING SHALL BE PERFORMED IN ACCORDANCE WITH COCONINO COUNTY PW ENGINEERING DEPARTMENT PAVING STANDARDS.

- EXACT POINT OF MATCHING TERMINATION AND OVERLAY, IF NECESSARY, SHALL BE DETERMINED IN THE FIELD BY THE COUNTY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE.
- NO JOB WILL BE CONSIDERED COMPLETE UNTIL:
 - ALL CURBS, PAVEMENTS, SIDEWALKS, DITCHES, AND MANHOLES HAVE BEEN CLEANED OF ALL DIRT AND DEBRIS.
 - SURVEY MONUMENTS ARE INSTALLED AND STAMPED.
 - ALL FRAMES, COVERS, AND VALVE BOXES ARE ADJUSTED TO GRADE.
- NO PAVING CONSTRUCTION SHALL BE STARTED UNTIL ALL UTILITY LINES UNDER PROPOSED PAVED AREA ARE COMPLETED AND APPROVED.
- ASPHALT SHALL NOT BE PLACED BEFORE BASE COURSE HAS BEEN APPROVED AND BASE COURSE WILL NOT BE PLACED UNTIL SUBGRADE HAS BEEN APPROVED BY THE COUNTY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE.
- THE LOCATION OF ALL WATER VALVES, FIRE HYDRANTS, AND MANHOLES MUST AT ALL TIMES DURING CONSTRUCTION BE REFERENCED AND MADE ACCESSIBLE TO THE COUNTY.
- UTILITY FACILITIES IN CONFLICT WITH THIS WORK WILL BE RELOCATED BY THE PERMITTEE OR THE UTILITY OWNER. THIS ACTIVITY SHALL BE COORDINATED WITH THE OWNER OF THE UTILITY TO PREVENT ANY UNNECESSARY INTERRUPTION OF SERVICE TO EXISTING CUSTOMERS.
- EXISTING STREET AND TRAFFIC SIGNS WILL BE MAINTAINED DURING CONSTRUCTION AND RELOCATED BY THE PERMITTEE AS DIRECTED BY THE COUNTY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE.
- THE POSTED SPEED LIMIT AND CORRIDOR DESIGN SPEED FOR SHADOW MOUNTAIN DRIVE IS 35 MILES PER HOUR

GENERAL CONDITIONS

THE WORK SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT EDITION(S) OF THE FOLLOWING SPECIFICATIONS AND THESE PLANS.

PROJECT SPECIAL PROVISIONS FOR SHADOW MAINTAIN DRIVE RECONSTRUCTION COCONINO COUNTY ADDENDUM TO MAG SPECIFICATIONS.
 M.A.G. UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
 M.A.G. UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION.
 A.D.H.S. (A.D.E.Q.) ENGINEERING BULLETINS NO. 8 AND 10 (WATER SYSTEMS).
 ARIZONA ADMINISTRATIVE CODES.
 ARIZONA ADMINISTRATIVE CODES.
 A.W.I.A. STANDARDS.
 M.U.T.C.D. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 ARIZONA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND DRAWINGS.
 COCONINO COUNTY ENGINEERING DESIGN AND CONSTRUCTION MANUAL.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF THE ABOVE STANDARDS, SPECIFICATIONS AND DETAILS, AS WELL AS ALL OTHER STANDARDS AND SPECIFICATIONS WHICH MAY BE NECESSARY TO COMPLETELY AND ACCURATELY INTERPRET THESE PLANS.

ALL QUANTITIES SHOWN ARE APPROXIMATE AND ARE FURNISHED SOLELY FOR THE CONTRACTOR'S CONVENIENCE. THEY DO NOT NECESSARILY CORRESPOND TO BID SCHEDULE ITEMS. PAYMENT WILL BE BASED ON BID SCHEDULE ITEMS. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR INDEPENDENTLY ESTIMATING WORK QUANTITIES PRIOR TO BIDDING.

UNDERGROUND UTILITY LOCATIONS, AS SHOWN ON THESE PLANS, WERE DETERMINED FROM FIELD MEASUREMENTS, CONSTRUCTION PLANS, RECORD PLANS, OR UTILITY MAPS FURNISHED BY OTHERS. LOCATIONS OF UNDERGROUND UTILITIES ARE TO BE REGARDED AS APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH IN THE FIELD THE ACTUAL LOCATIONS OF ALL UNDERGROUND LINES WHICH MAY IN ANY WAY AFFECT THE WORK AND TO FOLLOW ALL ARIZONA BLUESTAKE REGULATIONS.

THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR MAKING COMPLETE AND ACCURATE ON-SITE DETERMINATIONS OF THE LOCATIONS OF ALL UTILITIES, STRUCTURES AND FIELD CONDITIONS, WHICH MAY AFFECT THE PROGRESS OF THE WORK.

WHERE PLANS CALL FOR CONNECTING NEW STRUCTURES TO EXISTING UNDERGROUND PIPES OR STRUCTURES, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE, AT THE TIME OF CONSTRUCTION, EXACT SIZES, TYPES AND LOCATIONS OF EXISTING UNDERGROUND IMPROVEMENTS AND TO FURNISH MATERIALS AS NEEDED TO MAKE THE REQUIRED CONNECTIONS.

WHERE THE LOCATION OF EXISTING STRUCTURES ARE INDICATED ON THE PLANS, INDICATED LOCATIONS ARE APPROXIMATE ONLY.

THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHAT PERMITS WILL BE REQUIRED FOR THE WORK AND FOR OBTAINING, AT HIS OWN EXPENSE, ALL PERMITS REQUIRED UNLESS STATED OTHERWISE IN THE SPECIAL PROVISIONS.

THE APPROPRIATE UTILITY COMPANIES SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION. "BLUE STAKE" NUMBER IS 811 OR ONLINE AT ARIZONA811.COM. CONTRACTOR SHALL ALLOW TWO WORKING DAYS AFTER "BLUE STAKE" IS NOTIFIED, BEFORE COMMENCING ANY EXCAVATION WORK IN THE PROXIMITY OF BURIED UTILITIES.

THE CONTRACTOR IS RESPONSIBLE COORDINATING CONSTRUCTION WITH FIRE DEPARTMENT TO ENSURE ACCESS DURING CONSTRUCTION.

BASE BID - QUANTITIES

REMOVALS	IMPROVEMENTS
(NOTE 100) 13,680 SY NEW 4" THICK ASPHALT PAVEMENT OVER 2" BASE COURSE OVER 6" THICK OF CEMENT TREATED BASE COURSE PER DETAIL 1, SHEET 2.1	(NOTE 200) 13,460 SY NEW 4" THICK ASPHALT PAVEMENT OVER 6" THICK BASE COURSE PER DETAIL 2, SHEET 2.1
(NOTE 101) 20 EA REMOVE DEBRIS AND CLEAN EXISTING CULVERT. ENSURE POSITIVE FLOW IN AND OUT OF THE CULVERT.	(NOTE 201) 1,415 SY NEW 4" THICK ASPHALT PAVEMENT OVER 6" THICK BASE COURSE PER DETAIL 2, SHEET 2.1
(NOTE 102) 11 EA LOWER AND ADJUST VALVE COVER TO FINISHED GRADE	(NOTE 202) 3,125 SY INSTALL 2" OF 1/2" ASPHALT FILL WITH PG64-28TR+ BINDER. TRANSITIONS BETWEEN PROPOSED AND EXISTING ROAD PER DETAIL 7 & 8, SHEET 2.1.
(NOTE 103) 8 EA LOWER AND ADJUST MANHOLE TO FINISHED GRADE.	(NOTE 203) 105 SY MILL 2" OF EXISTING ASPHALT AND INSTALL 2" OF 1/2" ASPHALT FILL WITH PG64-28TR+ BINDER. TRANSITIONS BETWEEN PROPOSED AND EXISTING ROAD PER DETAIL 9, SHEET 2.1
(NOTE 104) 225 SF REMOVE AND DISPOSE OF EXISTING CONCRETE.	(NOTE 204) 100 LF INSTALL NEW TYPE 'B' RIBBON CURB PER MAG STD DET 220. SHEET 2.2. INSTALL 3" OF ABC UNDER NEW CURB.
(NOTE 105) 3 EA CONTRACTOR TO REPLACE EXISTING SURVEY MARKER PER COCONINO COUNTY STD. DET. 2-1 TYPE 'A', SHEET C2.2	(NOTE 205) 175 SY INJECT EPOXY SEALANT IN CRACKS WITH A WIDTH GREATER THAN 1/16" ON EXISTING BOX CULVERT. THE MATERIAL TO BE USED SHALL BE ON THE ADOT APPROVED PRODUCTS LIST SECTION 1015.
(NOTE 106) 105 LF REMOVE AND DISPOSE OF EXISTING RIBBON CURB	(NOTE 206) 175 SY INSTALL A PENETRATING DECK SEALER ON EXISTING CONCRETE PER APPENDIX D OF THE SPECIAL PROVISIONS.
(NOTE 107) 1 LS REMOVE AND DISPOSE OF EXISTING VEGETATION.	(NOTE 207) 15 LF INSTALL VERTICAL CURB ALONG EDGE OF CONCRETE BOX CULVERT. CONTRACTOR TO INSTALL DOWELS TO CONNECT INTO EXISTING CURB.
(NOTE 108) 3,095 SY MILL 1" OF EXISTING ASPHALT AND STOCK PILE FOR SHOULDER BUILDUP.	(NOTE 500) 4 EA REPAIR END SECTION OF 18" CULVERT. REMOVE UP TO 5' OF PIPE TO FIX DAMAGED SECTION. INSTALL RIPRAP APRON AND BLEND INTO EXISTING DRAINAGE SWALES.
(NOTE 109) 5 LF REMOVE AND DISPOSE OF EXISTING DAMAGED CONCRETE VERTICAL CURB. CONTRACTOR TO CREATE CLEAN SAW CUT 1' BEYOND DAMAGED SECTION.	(NOTE 600) 705 LF CONSTRUCT STRAW WATTLES PER DETAIL 1, SHEET C7.0.
	(NOTE 601) 550 SF HYDROSEED DISTURBED AREA. SEED MIX PER PROJECT SPECIAL PROVISIONS.
	(NOTE 700) 10 EA NEW 24" WIDE STOP BAR
	(NOTE 701) 7,950 LF NEW 6" WIDE SINGLE SOLID WHITE BIKE LANE STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.
	(NOTE 702) 4,435 LF NEW 6" WIDE DOUBLE SOLID YELLOW STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.
	(NOTE 703) 2 EA RELOCATE EXISTING SIGN PER COUNTY INSTRUCTIONS
	(NOTE 704) 35 LF NEW 8" WIDE SINGLE SOLID WHITE STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.

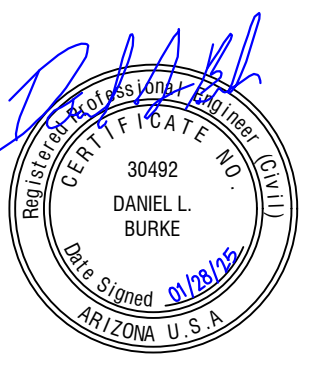
BID ALTERNATE 1 - QUANTITIES

REMOVALS: (NOTE 100) 1 LS CLEAR AND GRUB EXISTING VEGETATION AND DEBRIS PRIOR TO CONSTRUCTION. CONTRACTOR RESPONSIBLE FOR DISPOSAL OF DISPLACED TOPSOIL.	(NOTE 101) 1 LS PROTECT IN PLACE EXISTING SIGNS.
(NOTE 102) 1 EA REMOVE AND DISPOSE OF EXISTING SIGN BASE.	(NOTE 103) 43 LF REMOVE AND DISPOSE OF EXISTING CURB AND GUTTER TO EXTENTS SHOWN ON PLANS OR TO THE NEAREST JOINT. IF JOINT IS NOT CLEAN SAW CUT 6" PAST JOINT FOR CLEAN MATCH UP.
SITE IMPROVEMENTS: (NOTE 200) 45 SY NEW 8" THICK 4000 PSI HIGH-EARLY CONCRETE SLAB OVER 6" AB. WITH STEALTH FIBERMESH 300 REINFORCEMENT (2.0#/CY MIN.). CONCRETE TO INCLUDE 5%-7% AIR ENTRAINMENT. CONCRETE TO BE DARK BROWN COLORED. CONTRACTOR TO SUBMIT COLOR FOR APPROVAL BY COUNTY. SLOPE TO MATCH EXISTING TRUCK APRON. CONNECT NEW CONCRETE APRON TO EXISTING APRON WITH DOWEL CONNECTION PER DETAIL 2, THIS SHEET. SEE DETAIL 3 FOR END DIMENSION DETAIL.	
(NOTE 201) 1,096 SY NEW 3" DEEP, SCREENED 3/4" "BLACK CHERRY" GRANITE, WITH WEED BARRIER FABRIC (WBF) REEMAY RYPAR TYPE 3301 OR APPROVED EQUAL. PER DETAIL 1, THIS SHEET. GRANITE TO BE RAKED TO FINISHED GRADE. LIGHTLY WATERED, AND COMPACTED TO AN EXTENT SATISFACTORY TO THE ENGINEER. PRE-EMERGENT HERBICIDE SHALL BE APPLIED PRIOR TO PLACEMENT OF WBF.	(NOTE 202) 43 LF NEW TYPE 'A' CURB AND GUTTER PER MAG DTL 220. CONCRETE TO BE 4000 PSI WITH STEALTH FIBERMESH WITH STEALTH FIBERMESH 300 REINFORCEMENT (2.0#/CY MIN.).

NO.	DATE	ITEM	REVISIONS

ENGINEERING • PLANNING • SURVEYING
 LANDSCAPE ARCHITECTURE • URBAN DESIGN
The WLB Group Inc.
 OFFICE LOCATIONS:
 TUCSON, PHOENIX, FLAGSTAFF, & LAS VEGAS, NV
 120 N. BEAVER STREET SUITE 100, FLAGSTAFF, AZ 86001
 PH: (928) 779-1500

SHADOW MOUNTAIN DRIVE
 RECONSTRUCTION
 NOTES

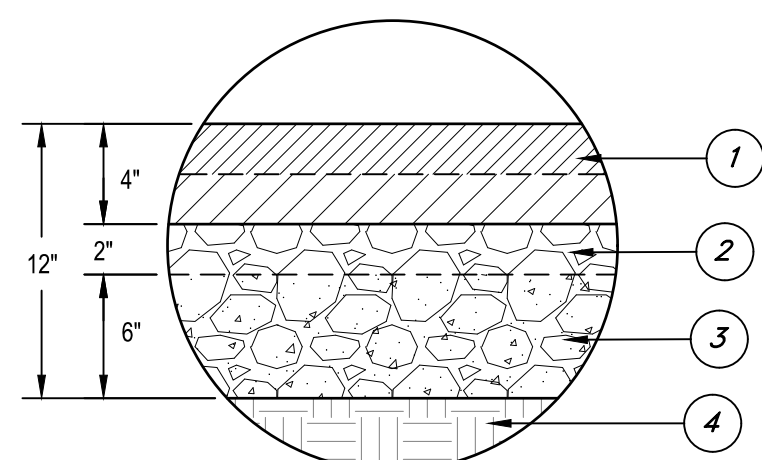


DESIGNED BY: KK, DB
 DRAWN BY: KK
 CHECK BY: DB, WRB
 DATE: JANUARY 2025

PROJECT NO.
 323015A001
 SHEET
C2.0

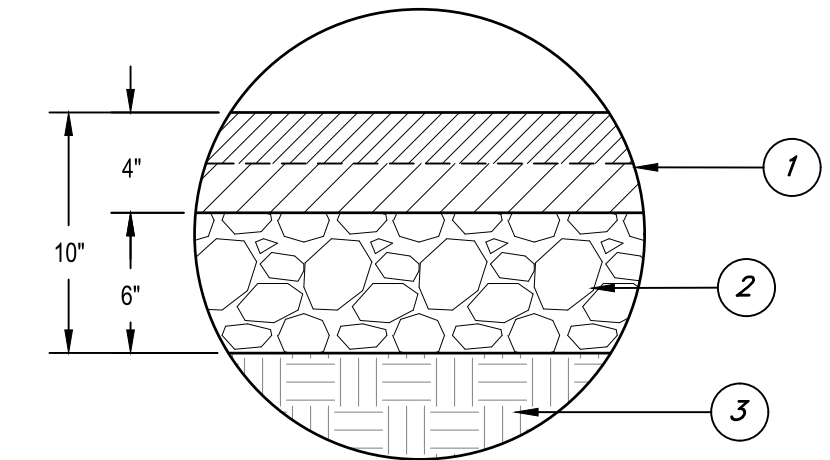


100% PLANS

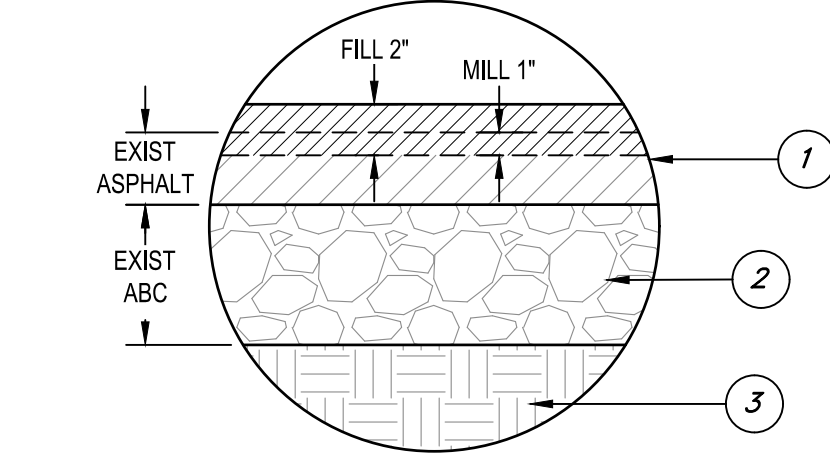


- 1 NEW 4" THICK ASPHALT TO BE CONSTRUCTED IN 2 LIFTS. CONTRACTOR TO INSTALL TACK COAT BETWEEN LIFTS. BOTTOM LIFT TO BE 2" OF 1/2" ASPHALT PER MAG SPEC. SEC 321 WITH A PG64-28TR+ BINDER. TOP LIFT TO BE 2" OF 1/2" ASPHALT WITH PG64-28TR+ BINDER. PER SECTION 710 OF THE SPECIAL PROVISIONS.
- 2 NEW 2" THICK AGGREGATE BASE COURSE PER MAG SPEC. SEC. 310, COMPACTED TO 100%
- 3 NEW 6" THICK CEMENT TREATED BASE USING BLENDED ASPHALT AND AGGREGATE BASE SALVAGED FROM THE ROADWAY AND 5% CEMENT PER THE GEOTECHNICAL EVALUATION JOB NO. 25-223549-0R BY WESTERN TECHNOLOGIES, DATED DECEMBER 15, 2024.
- 4 SUBGRADE PREPARATION PER MAG SPEC. SEC 301. COMPACTED TO 95%. REMOVE AND DISPOSE OF ANY EXISTING CLAY MATERIAL AND REPLACE WITH AB.

1 **TYPICAL PAVEMENT SECTION**
NOT TO SCALE
STA: 1+00 TO 34+45

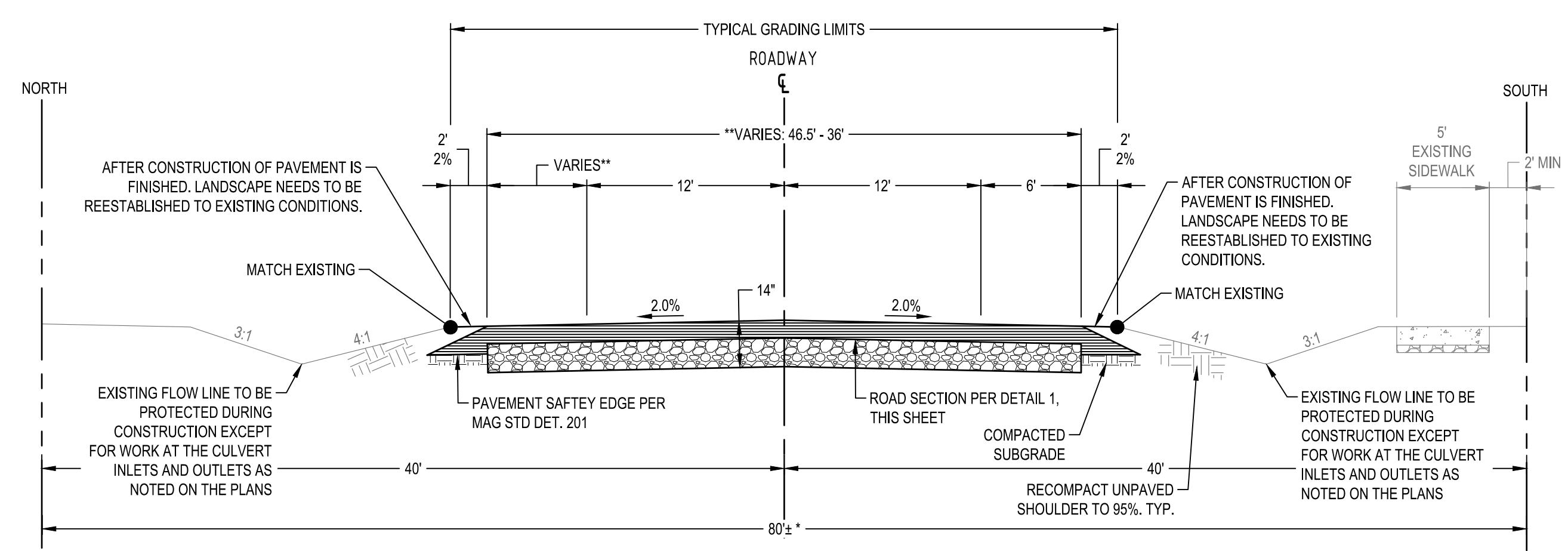


2 **TYPICAL SHOULDER PAVEMENT SECTION**
NOT TO SCALE
STA: 34+45 TO 44+75

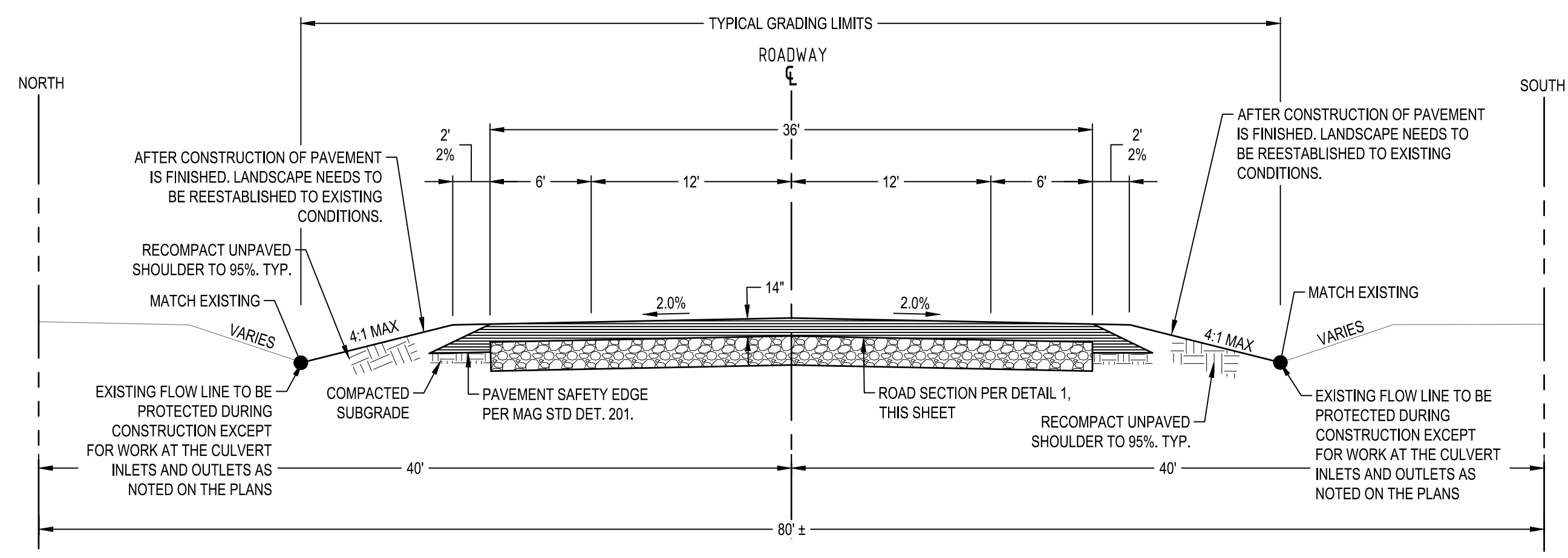


3 **MILL AND FILL PAVEMENT SECTION**
NOT TO SCALE
STA: 34+45 TO 44+75

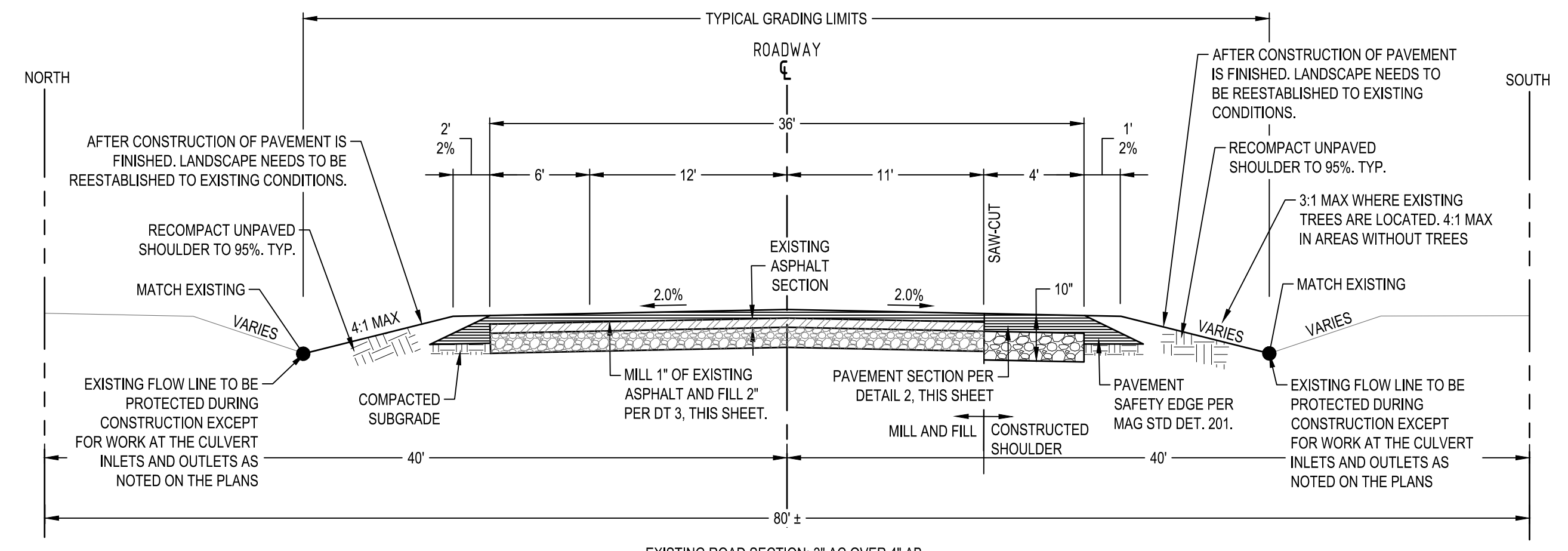
- 1 NEW 4" THICK ASPHALT TO BE CONSTRUCTED IN 2 LIFTS. CONTRACTOR TO INSTALL TACK COAT BETWEEN LIFTS. BOTTOM LIFT TO BE 2" OF 1/2" ASPHALT PER MAG SPEC. SEC 321 WITH A PG64-28TR+ BINDER. TOP LIFT TO BE 2" OF 1/2" ASPHALT WITH PG64-28TR+ BINDER. PER SECTION 710 OF THE SPECIAL PROVISIONS.
- 2 NEW 6" THICK AGGREGATE BASE COURSE PER MAG SPEC. SEC. 310, COMPACTED TO 100%
- 3 SUBGRADE PREPARATION PER MAG SPEC. SEC 301. COMPACTED TO 95%. REMOVE AND DISPOSE OF ANY EXISTING CLAY MATERIAL AND REPLACE WITH AB.
- 1 MILL 1" OF EXISTING ASPHALT AND FILL 2" OF 1/2" ASPHALT WITH PG64-28TR+ BINDER. ASPHALT TO BE PLACED AT THE SAME TIME AS THE TOP LIFT OF THE SHOULDER RECONSTRUCTION PAVEMENT. PER SECTION 710 OF THE SPECIAL PROVISIONS.
- 2 EXISTING 4" THICK AGGREGATE BASE COURSE.
- 3 EXISTING SUBGRADE



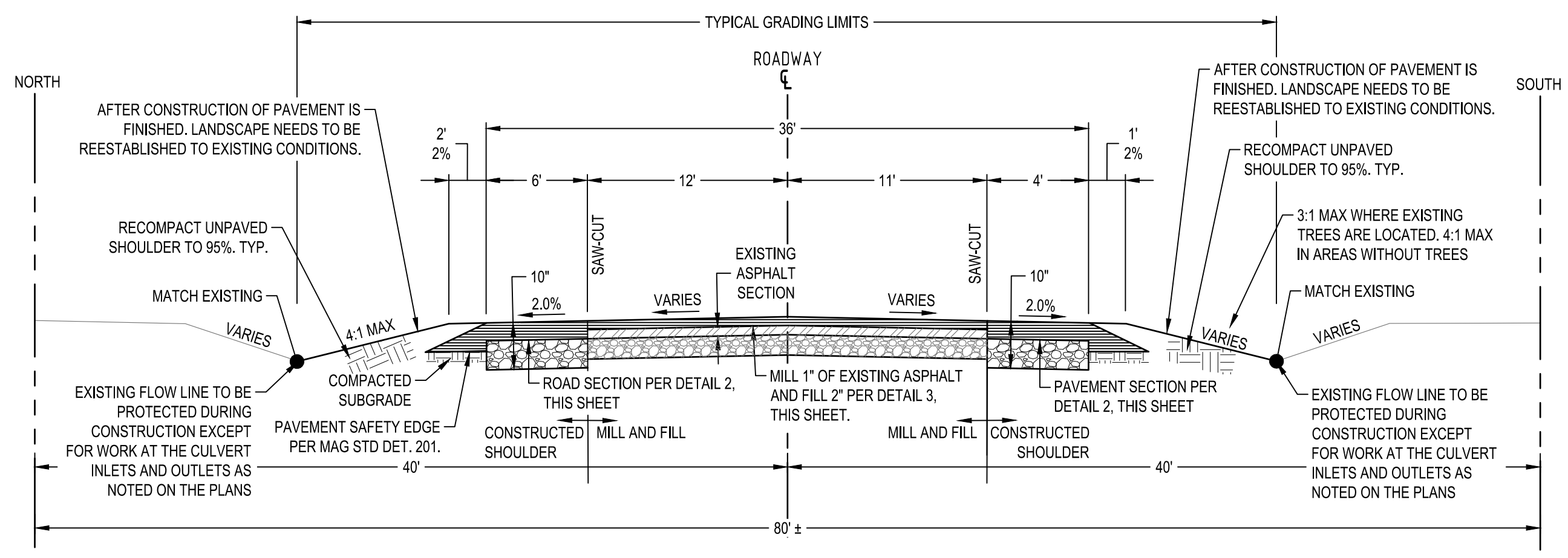
4 **TYPICAL ROADWAY CROSS SECTION - RECONSTRUCTION**
NOT TO SCALE
STA: 1+00 TO 31+75



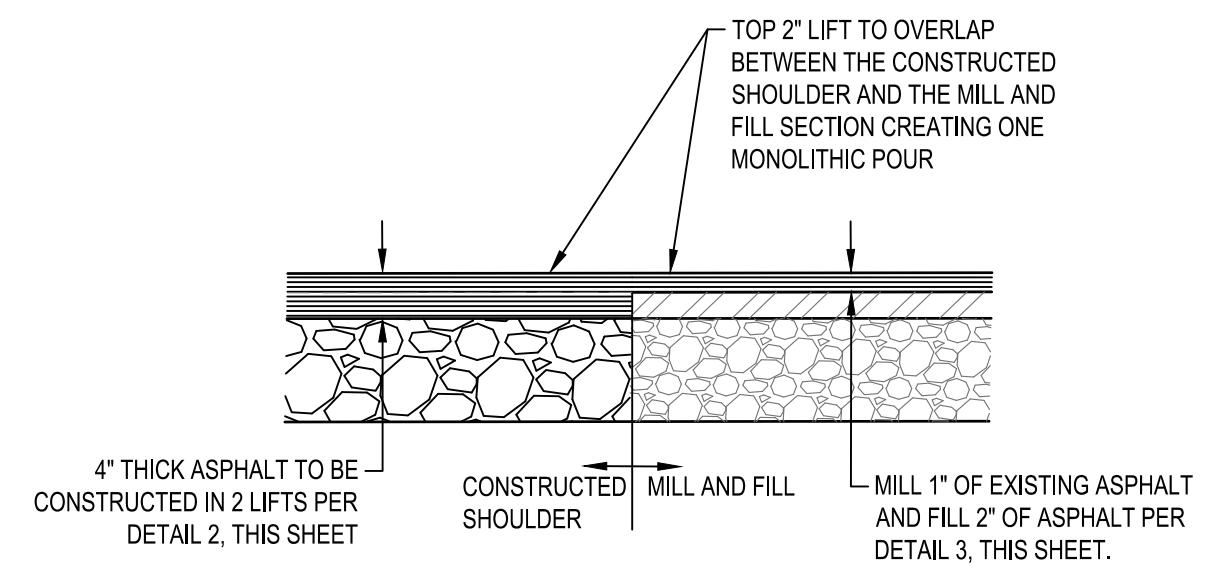
5 **TYPICAL ROADWAY CROSS SECTION- RECONSTRUCTION**
NOT TO SCALE
STA: 31+75 TO 34+45



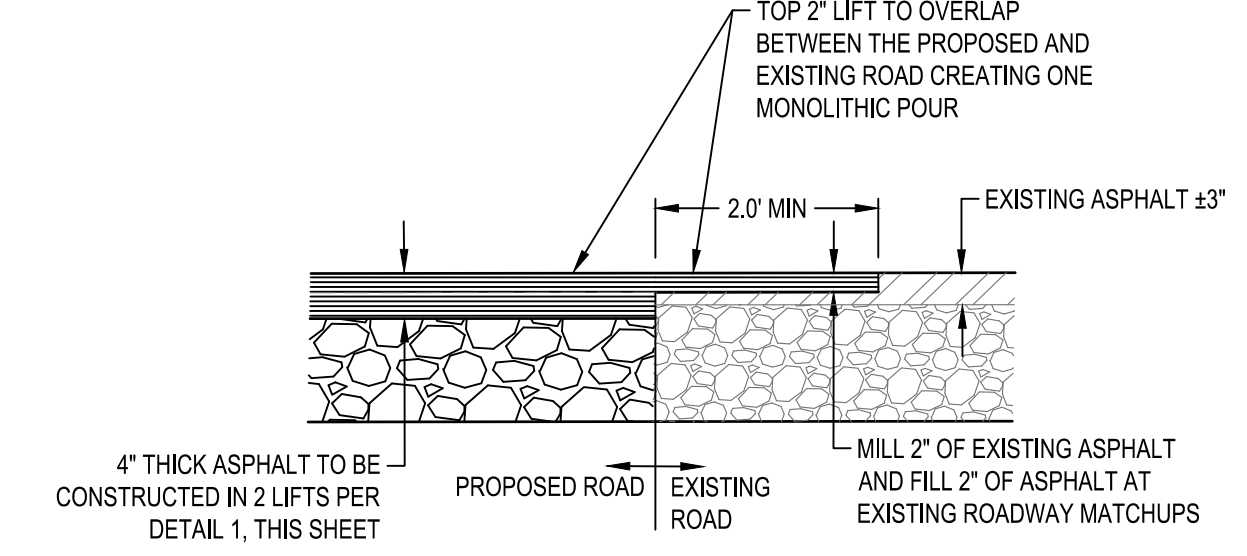
6 **TYPICAL ROADWAY CROSS SECTION- MILL AND FILL WITH CONSTRUCTED SHOULDER**
NOT TO SCALE
STA: 34+45 TO 42+00



7 **TYPICAL ROADWAY CROSS SECTION- MILL AND FILL WITH CONSTRUCTED SHOULDER**
NOT TO SCALE
STA: 42+00 TO 44+75



8 **TRANSITION FROM MILL AND FILL TO CONSTRUCTED SHOULDER**
NOT TO SCALE



9 **PAVEMENT TERMINATION AT EXISTING ROADS**
NOT TO SCALE



100% PLANS

ITEM:	
NO.	
DATE:	
REVISIONS:	

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PH: (928) 779-1500

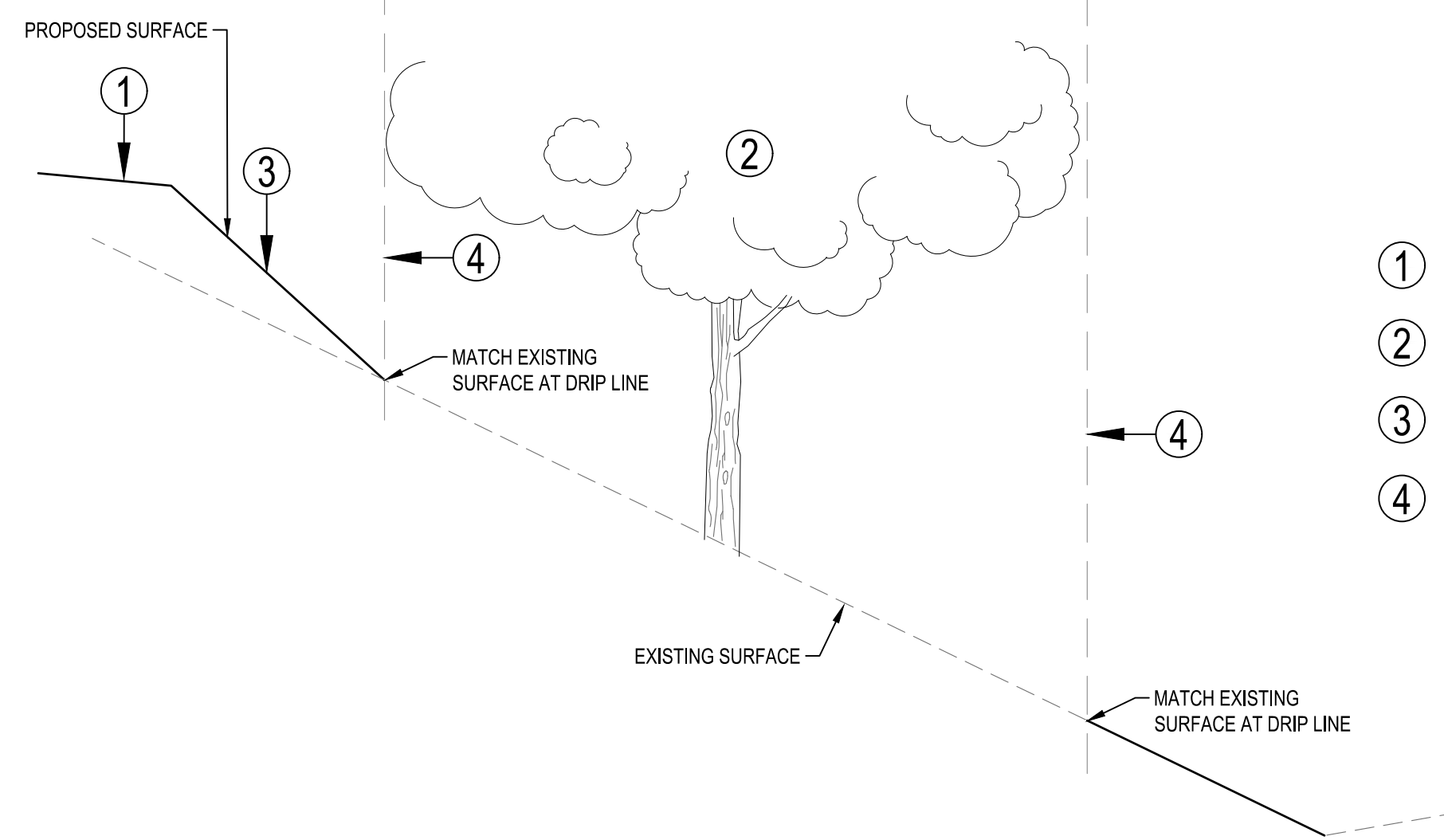
SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
DETAILS



DESIGNED BY:	KK, DB
DRAWN BY:	KK
CHECK BY:	DB, WJB
DATE:	JANUARY 2025

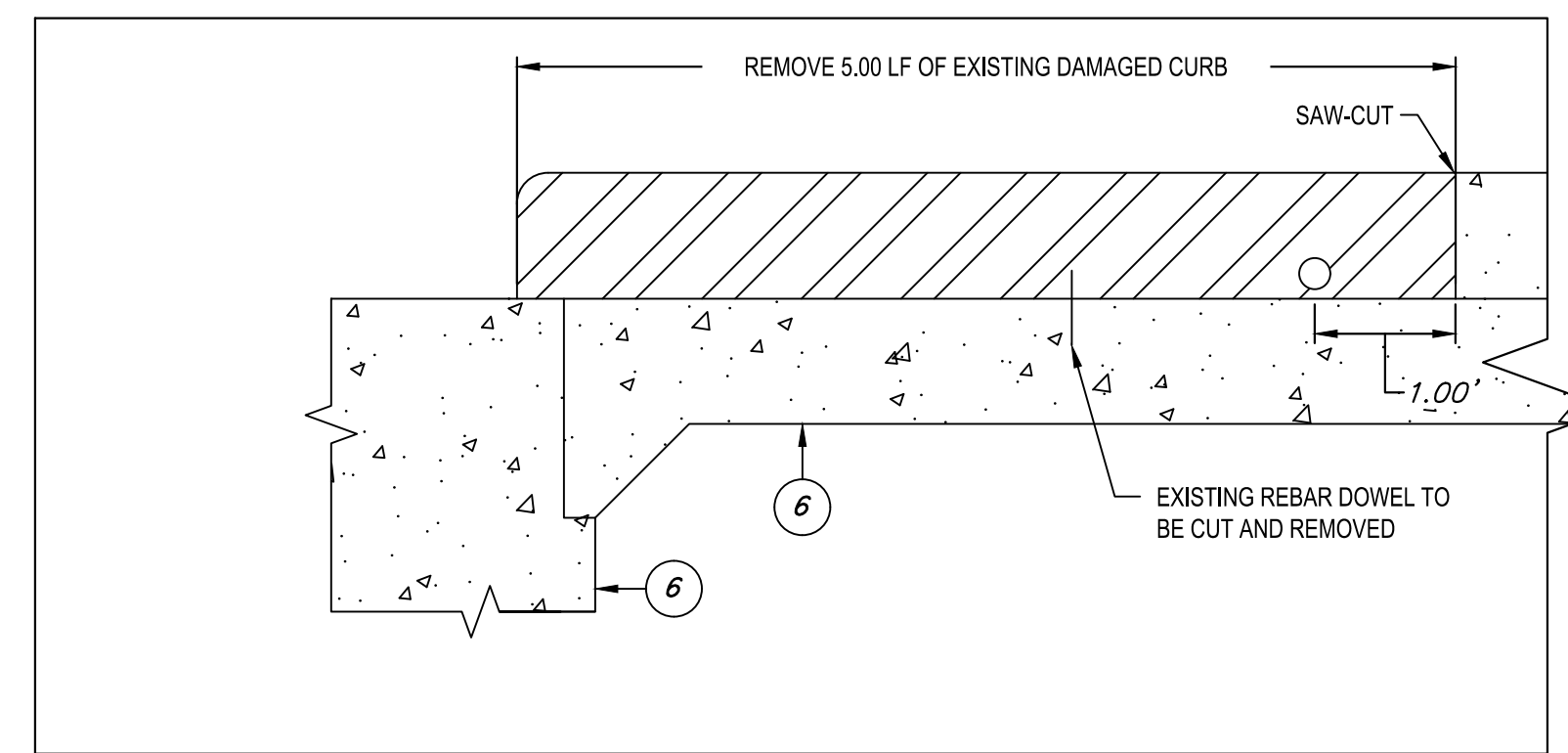
PROJECT NO.
323015A001

SHEET
C2.1

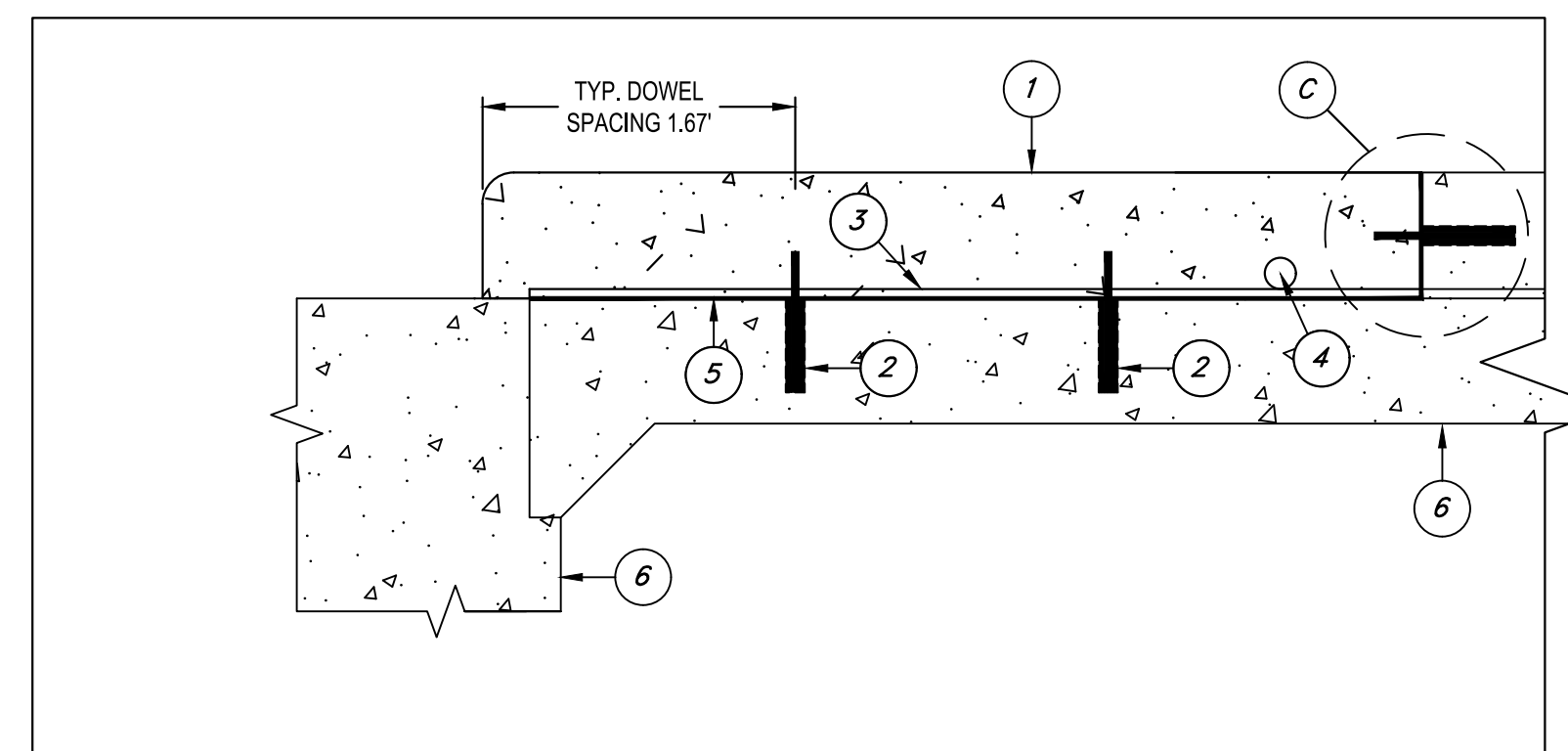


10 TYPICAL EXISTING TREE GRADING SECTION
NOT TO SCALE

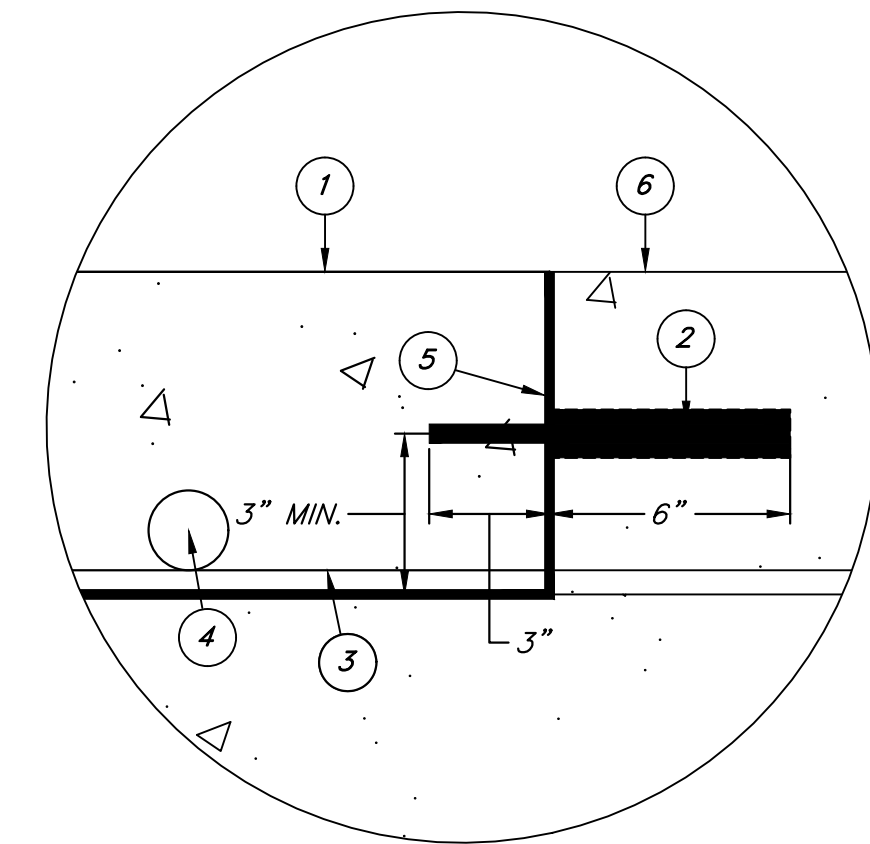
- ① PROPOSED 1' SHOULDER
- ② EXISTING TREE
- ③ PROPOSED EMBANKMENT, 3:1 MAX
- ④ TREE DRIP LINE



A CURB REMOVAL
NOT TO SCALE



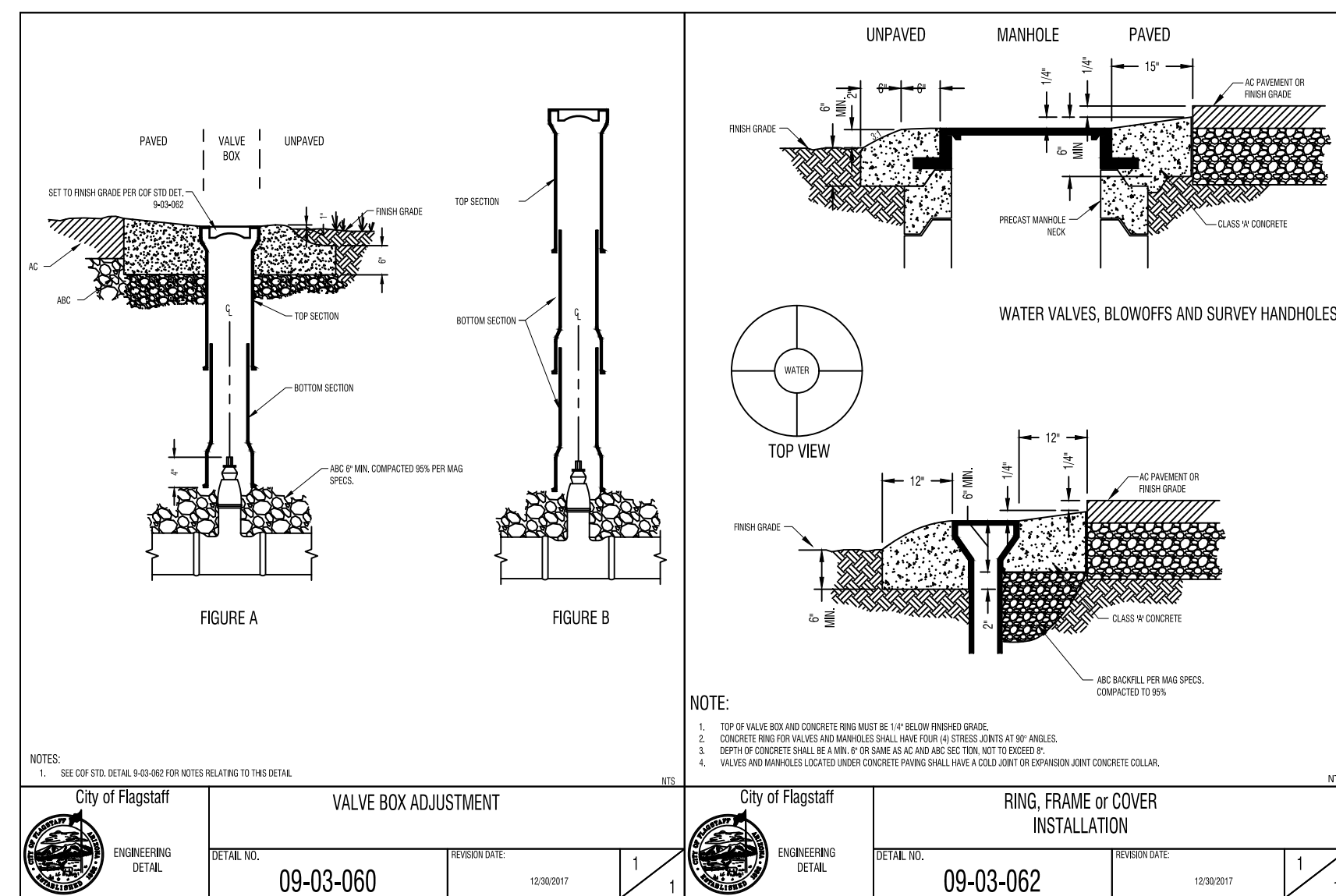
B CURB REPLACEMENT
NOT TO SCALE



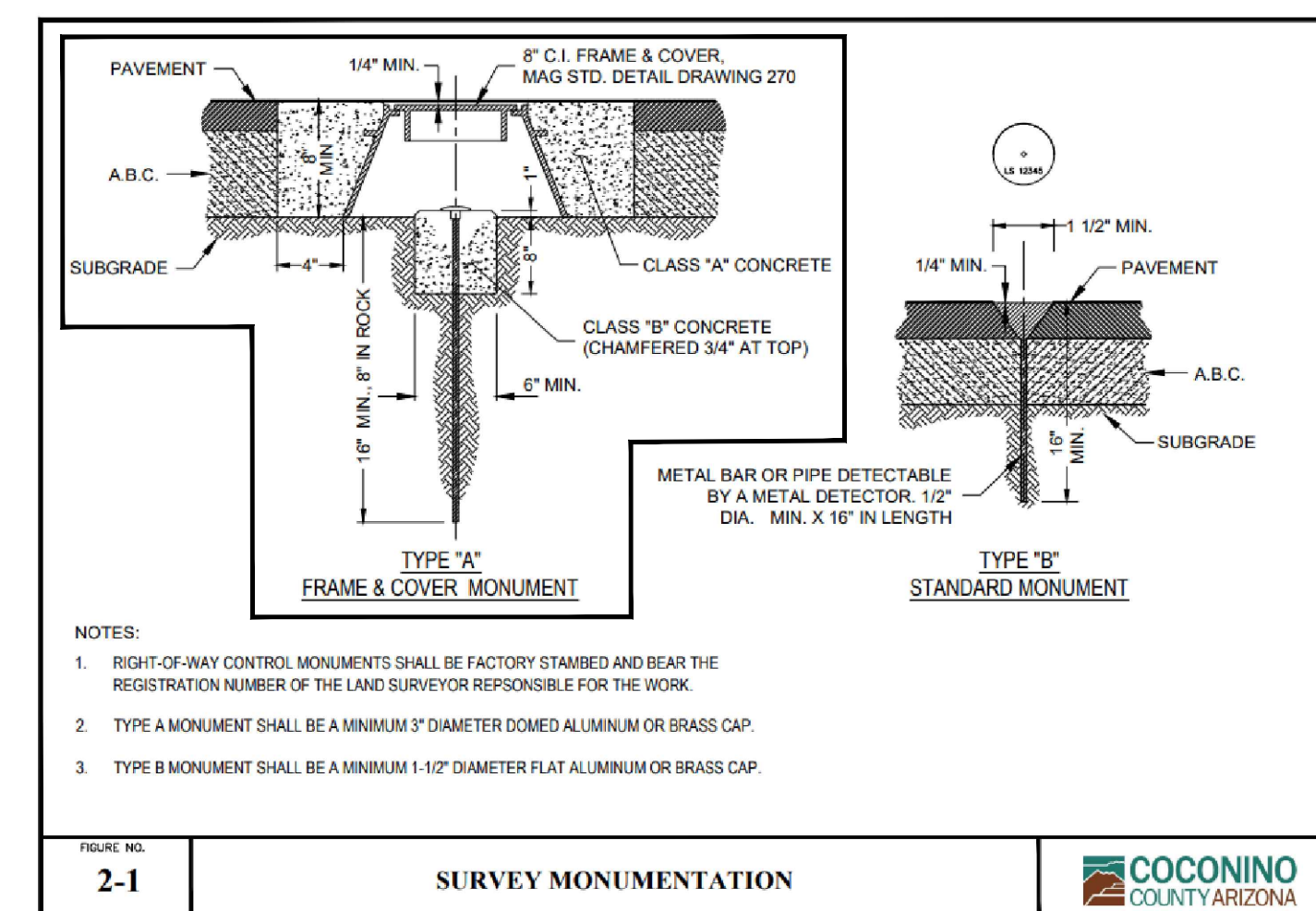
C DOWEL PLACEMENT
NOT TO SCALE

- ① 5-FT X 8-INCH CONCRETE HEADER CURB, CONCRETE TO BE CLASS B PER SECTION 725. ALL EXPOSED SURFACES TO BE TROWEL FINISH EXCEPT WHEN NOTED. SEE SECT. 340
- ② #4 X 9-INCH CURB DOWEL @ 1'-8" SPACING (UNLESS NOTED) TO BE DRILLED AND SEALED WITH EPOXY CONFORMING TO SECT. 505.5.4.1.
- ③ 3/4" CHAMFER TO MATCH EXISTING CONDITIONS.
- ④ 2" DIA. PVC WEEP HOLE TO BE PLACED THROUGH CONCRETE HEADER CURB.
- ⑤ EPOXY JOINING ADHESIVE TO BE PLACED ALONG NEW AND EXISTING CURB REPAIR, EPOXY TO FOLLOW SECT. 505.5.4.2
- ⑥ EXISTING CONCRETE DRAINAGE STRUCTURE TO BE PROTECTED.

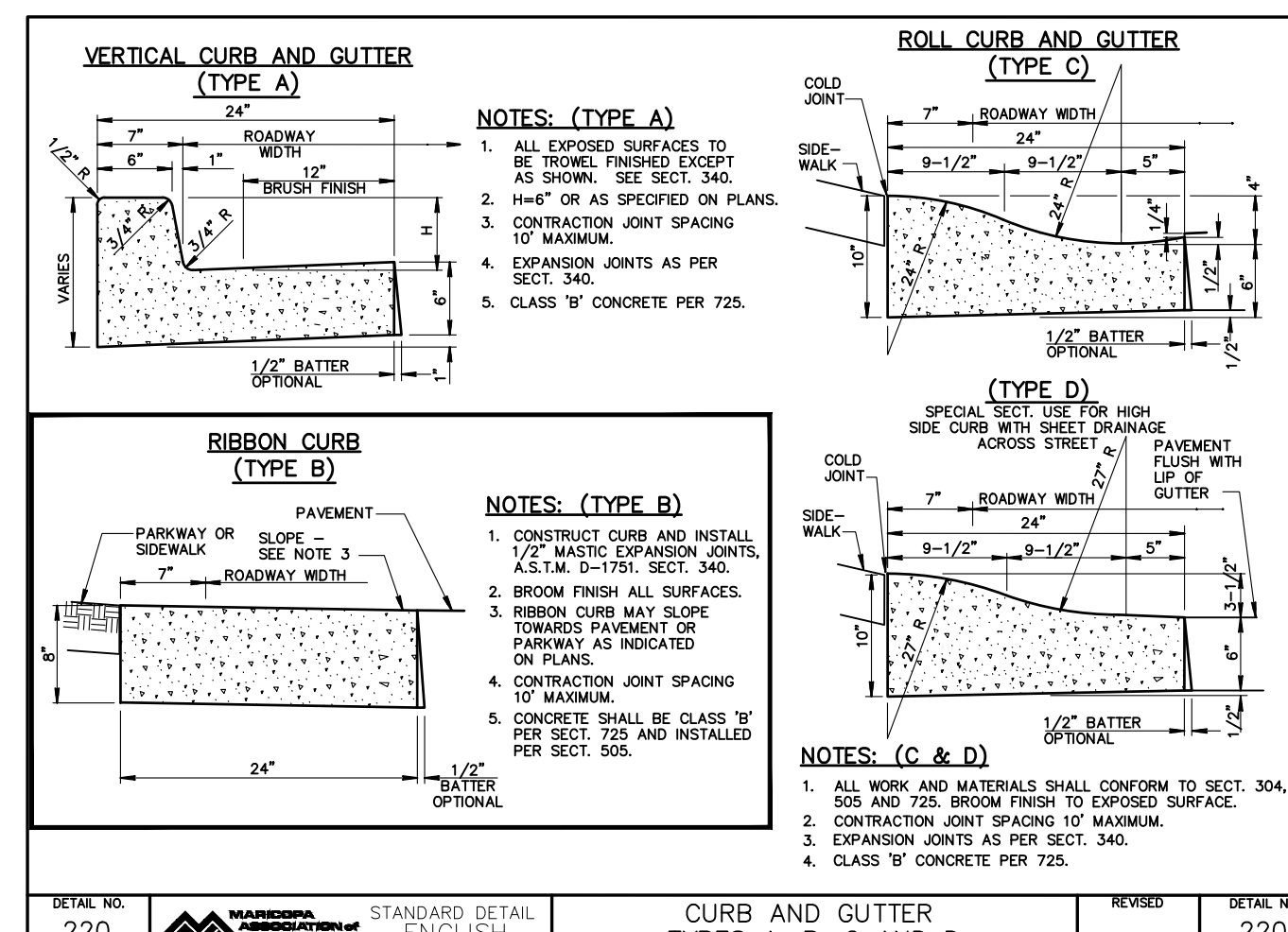
11 EXISTING HEADER CURB REMOVAL AND REPLACEMENT
NOT TO SCALE



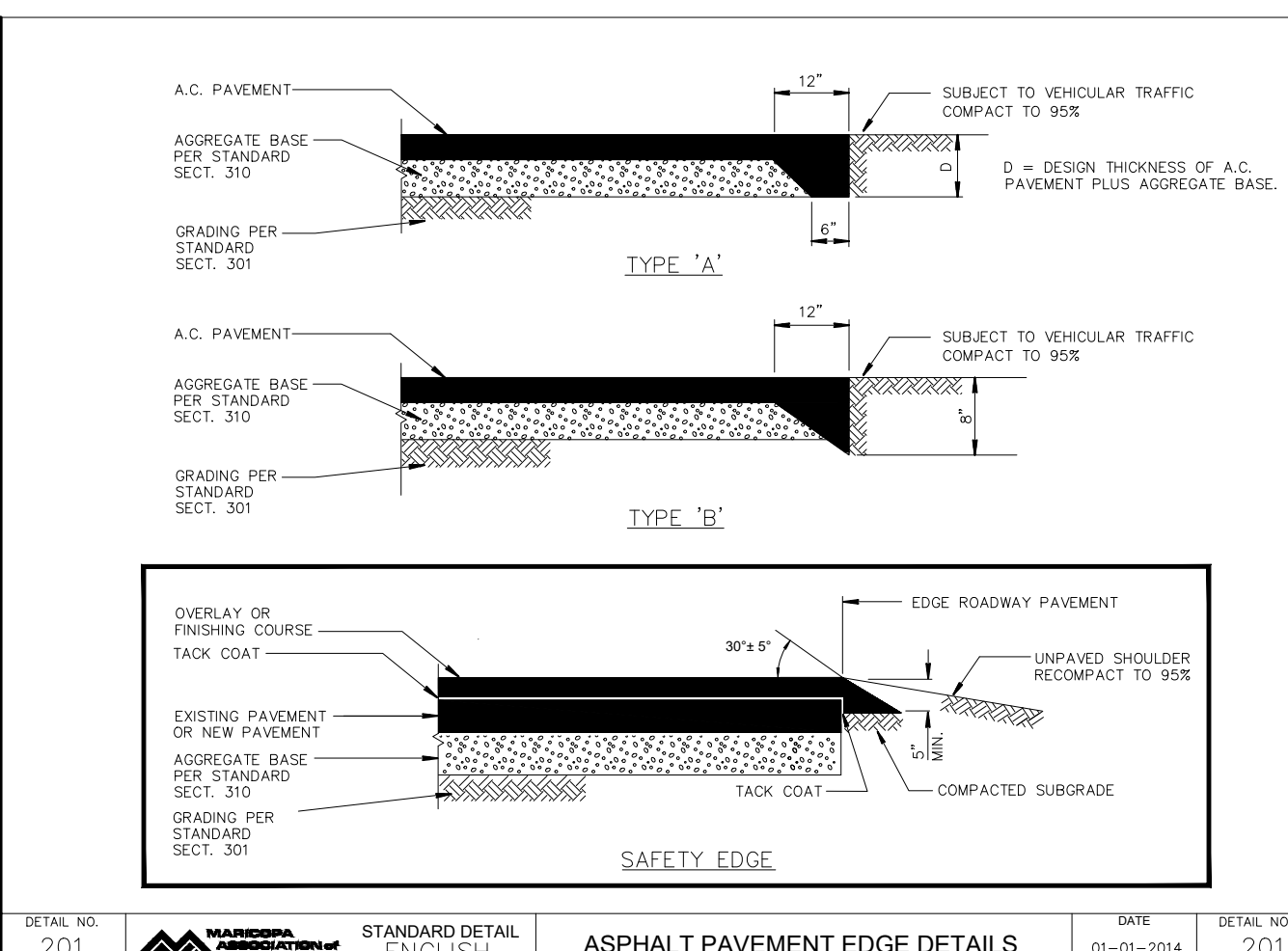
City of Flagstaff VALVE BOX ADJUSTMENT
City of Flagstaff RING, FRAME OR COVER INSTALLATION



2-1 SURVEY MONUMENTATION
COCONINO COUNTY ARIZONA



STANDARD DETAIL ENGLISH CURB AND GUTTER TYPES A, B, C AND D



STANDARD DETAIL ENGLISH ASPHALT PAVEMENT EDGE DETAILS

NOTE:
1. THE MAG, COCONINO COUNTY, AND COF DETAILS SHOWN ON THIS PAGE WERE NOT CREATED UNDER THE SUPERVISION OF OR BY THE SEALING REGISTRANT.



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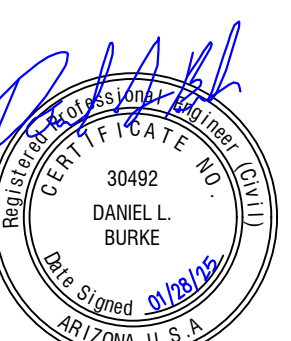
NO.	DATE	REVISIONS

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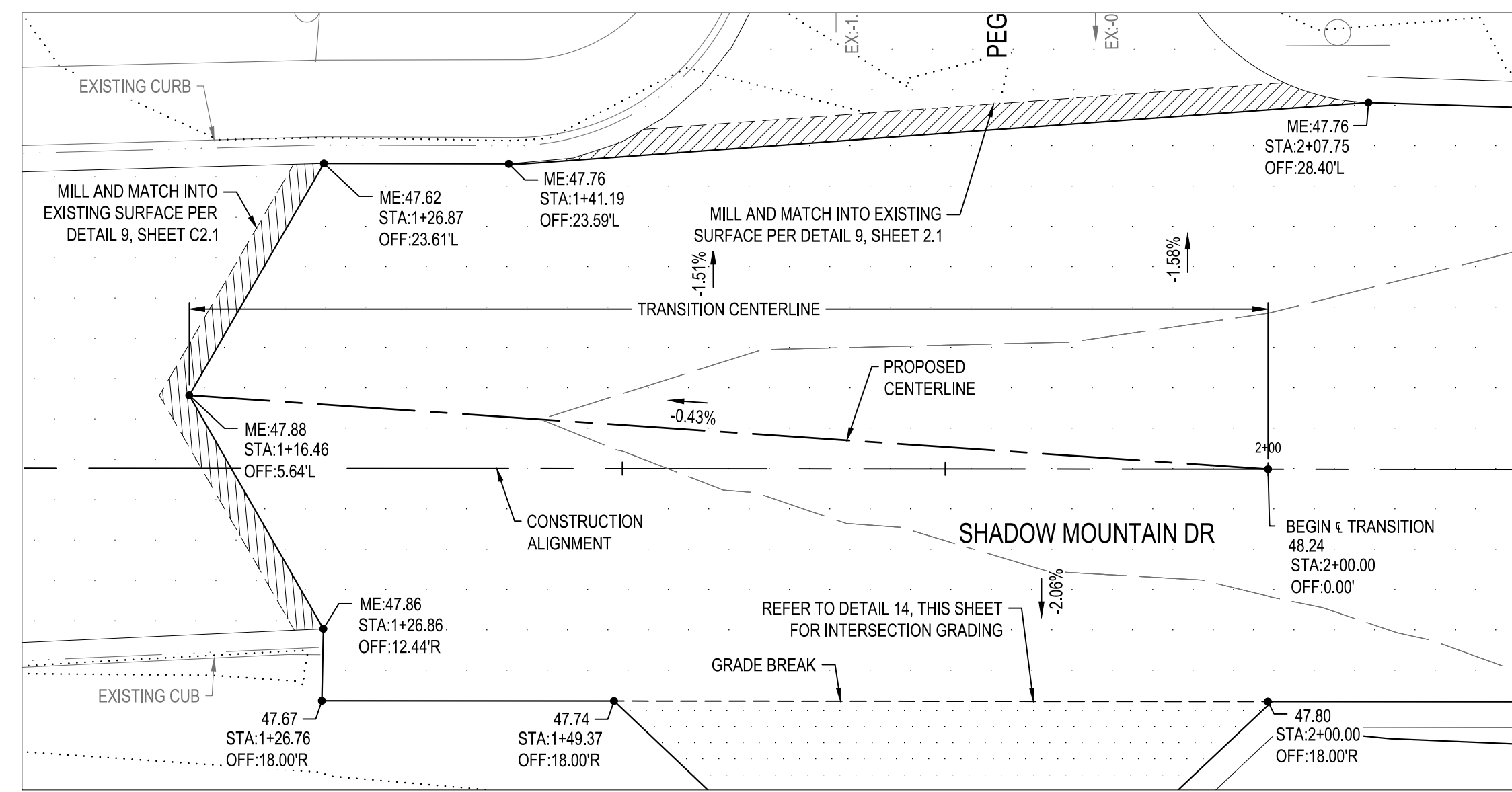
SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
DETAILS



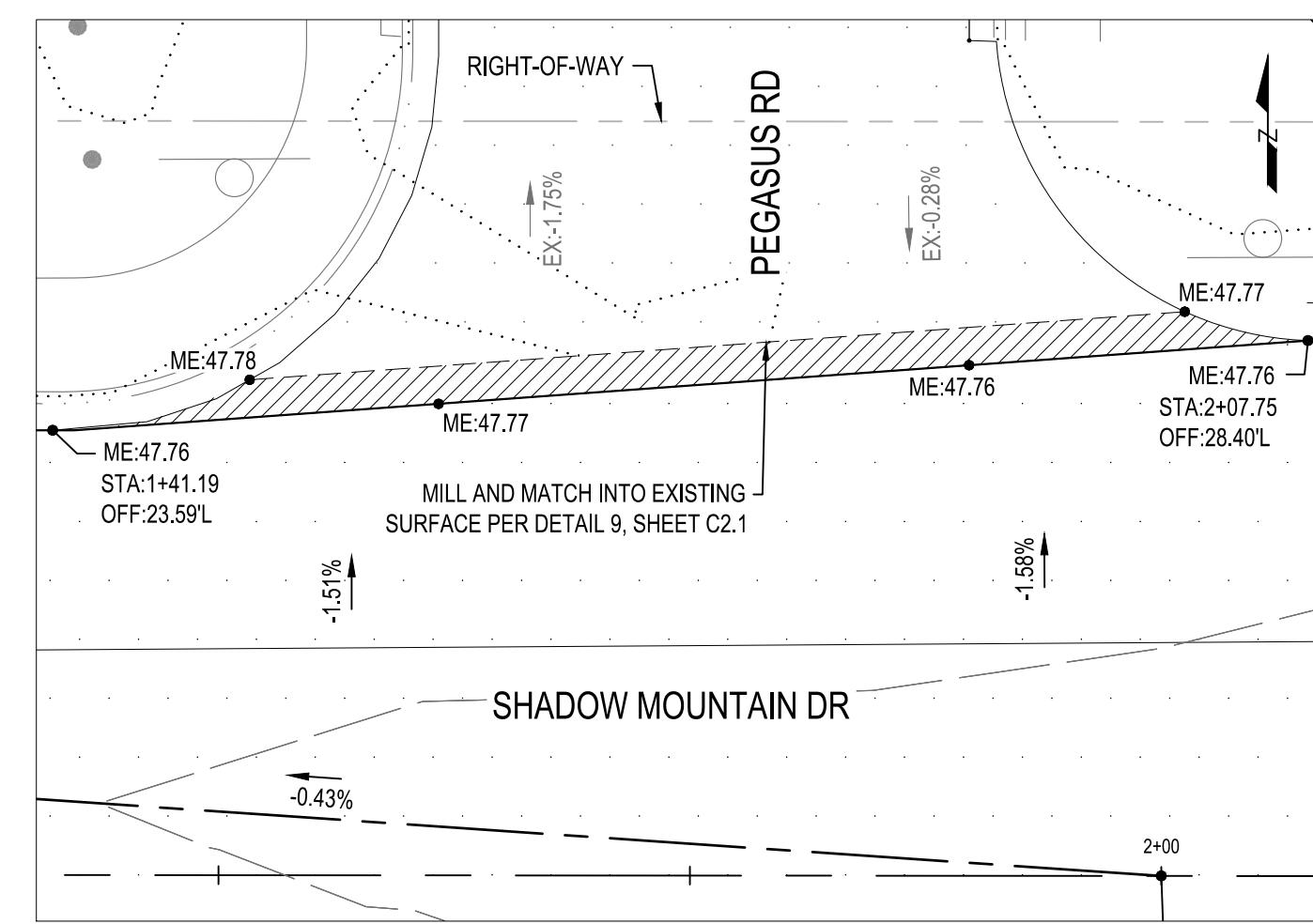
DESIGNED BY: KK, DB
DRAWN BY: KK
CHECK BY: DB, WJB
DATE: JANUARY 2025

PROJECT NO.
323015A001

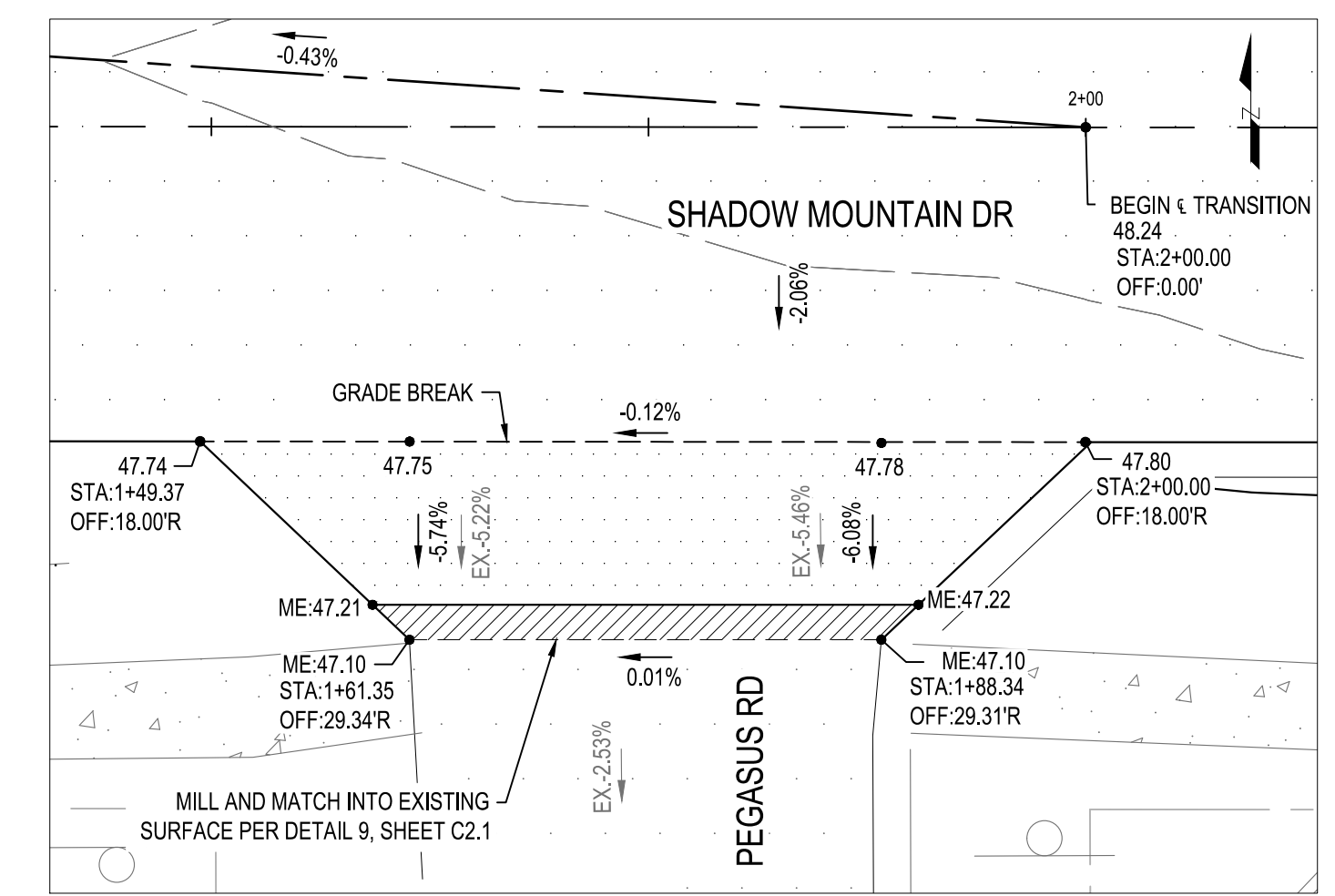
SHEET
C2.2



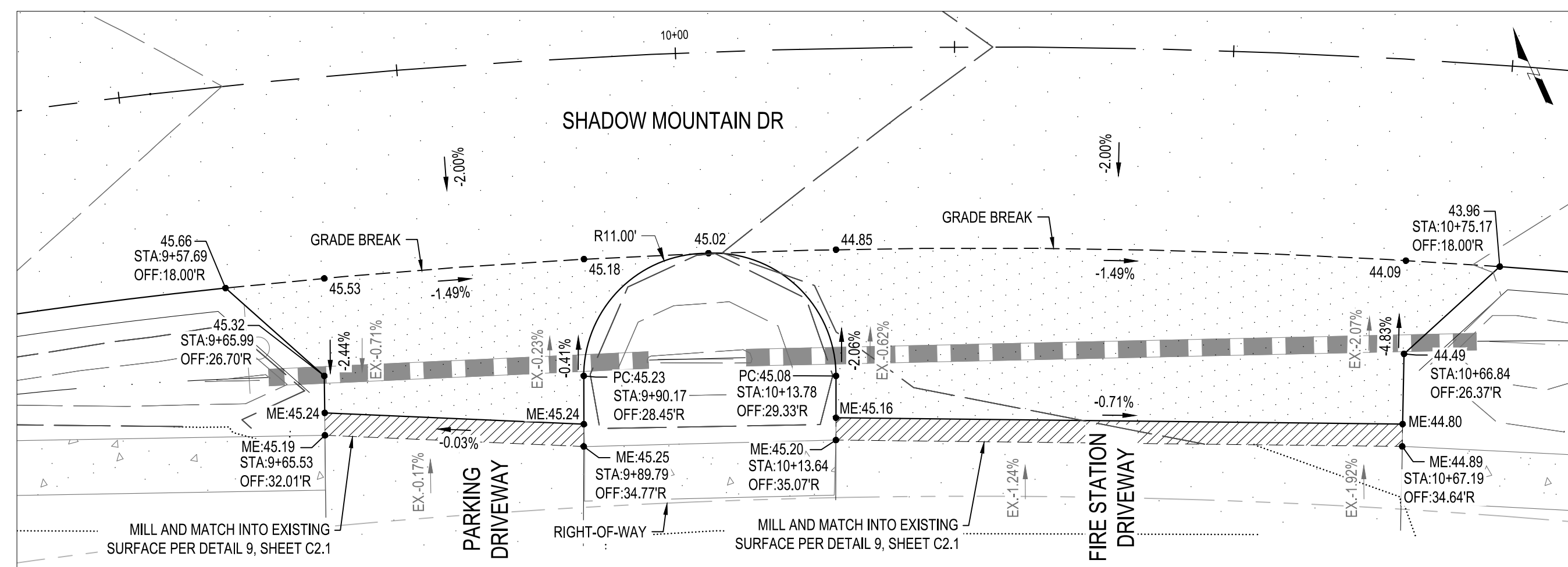
12 INTERSECTION GRADING DETAIL - SHADOW MOUNTAIN DR
SCALE: 1" = 10'



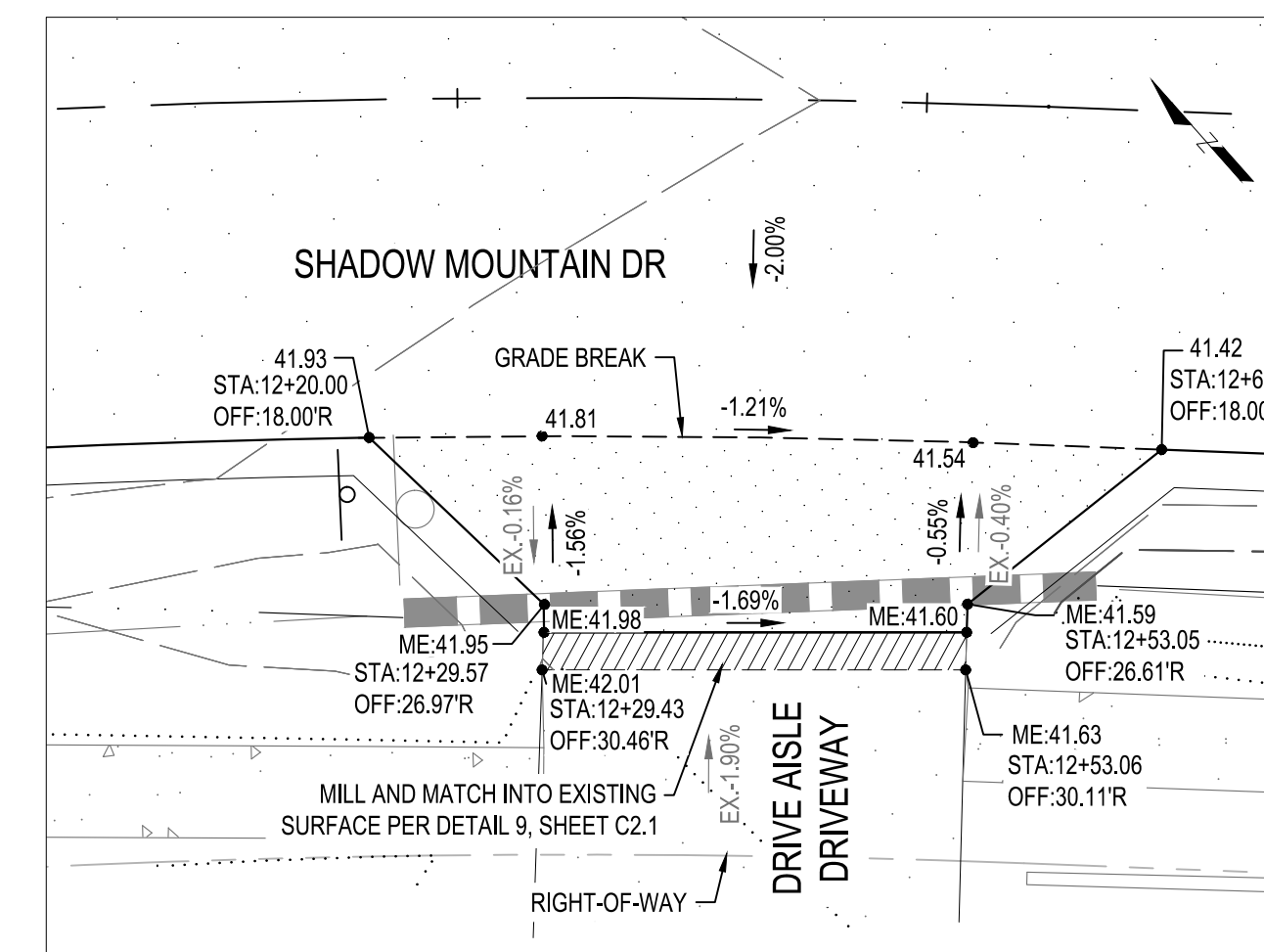
13 INTERSECTION GRADING DETAIL - PEGASUS RD (NORTH)
SCALE: 1" = 10'



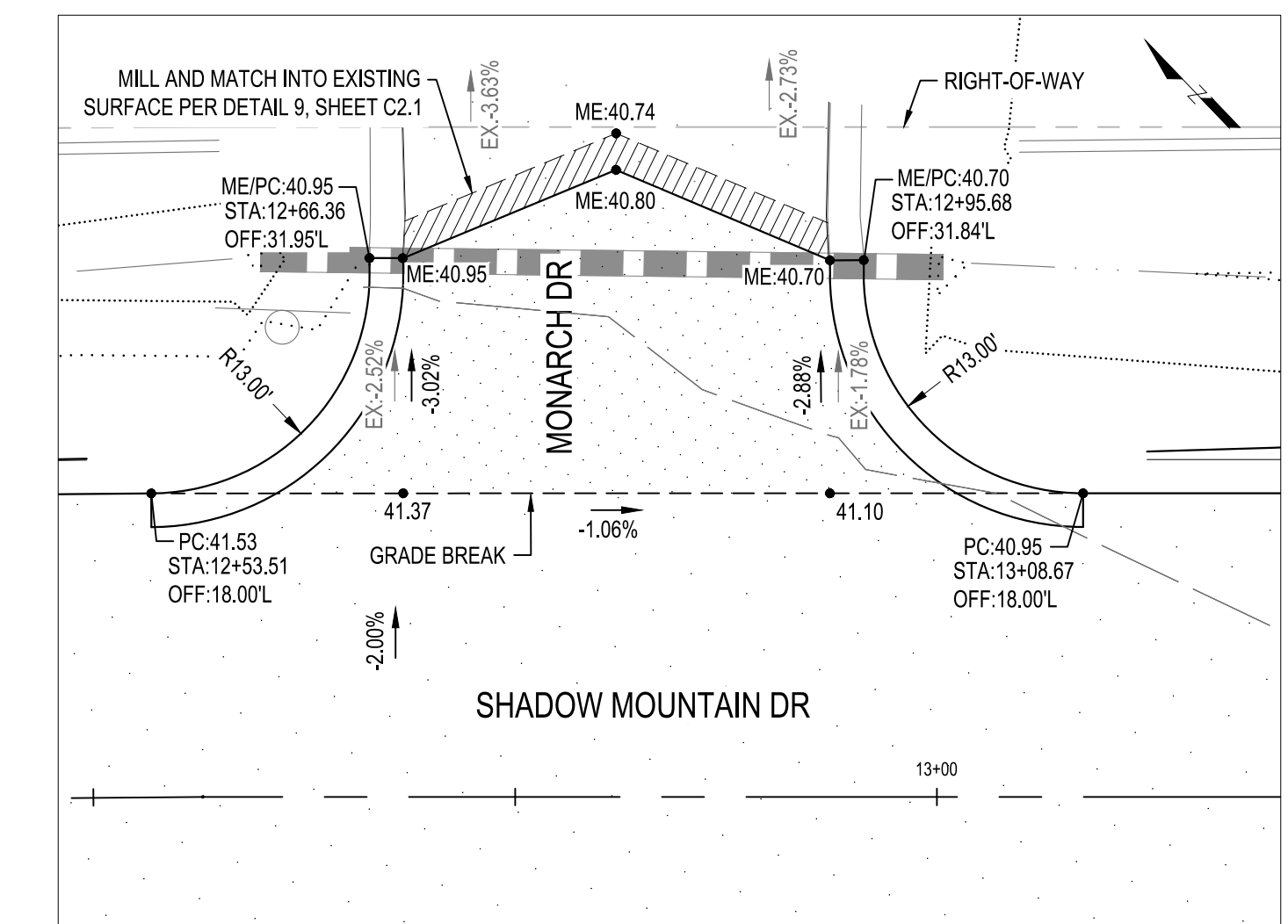
14 INTERSECTION GRADING DETAIL - PEGASUS RD (SOUTH)
SCALE: 1" = 10'



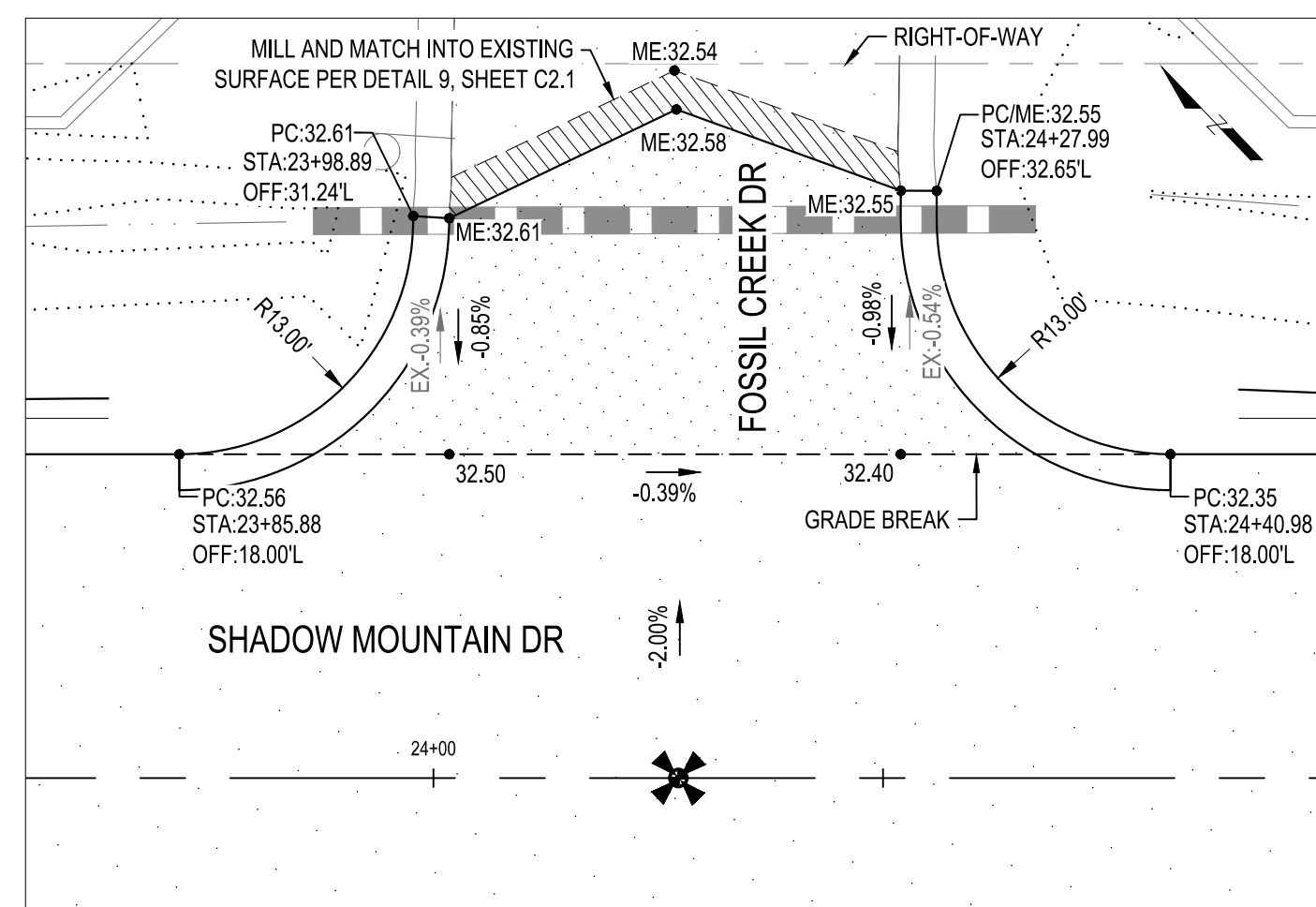
15 DRIVEWAY GRADING DETAIL - PONDEROSA FIRE STATION (NORTH)
SCALE: 1" = 10'



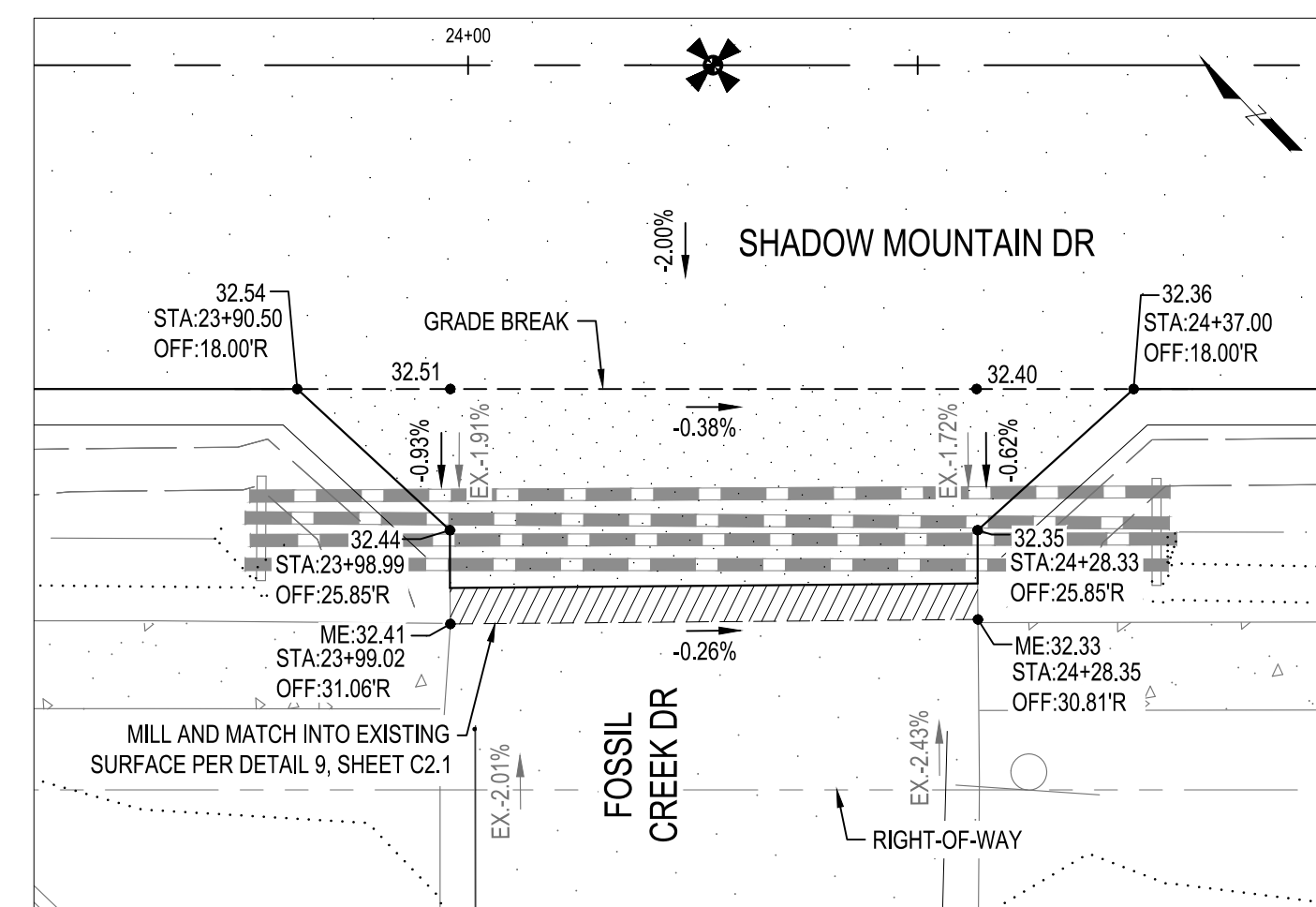
16 DRIVEWAY GRADING - PONDEROSA FIRE STATION (SOUTH)
SCALE: 1" = 10'



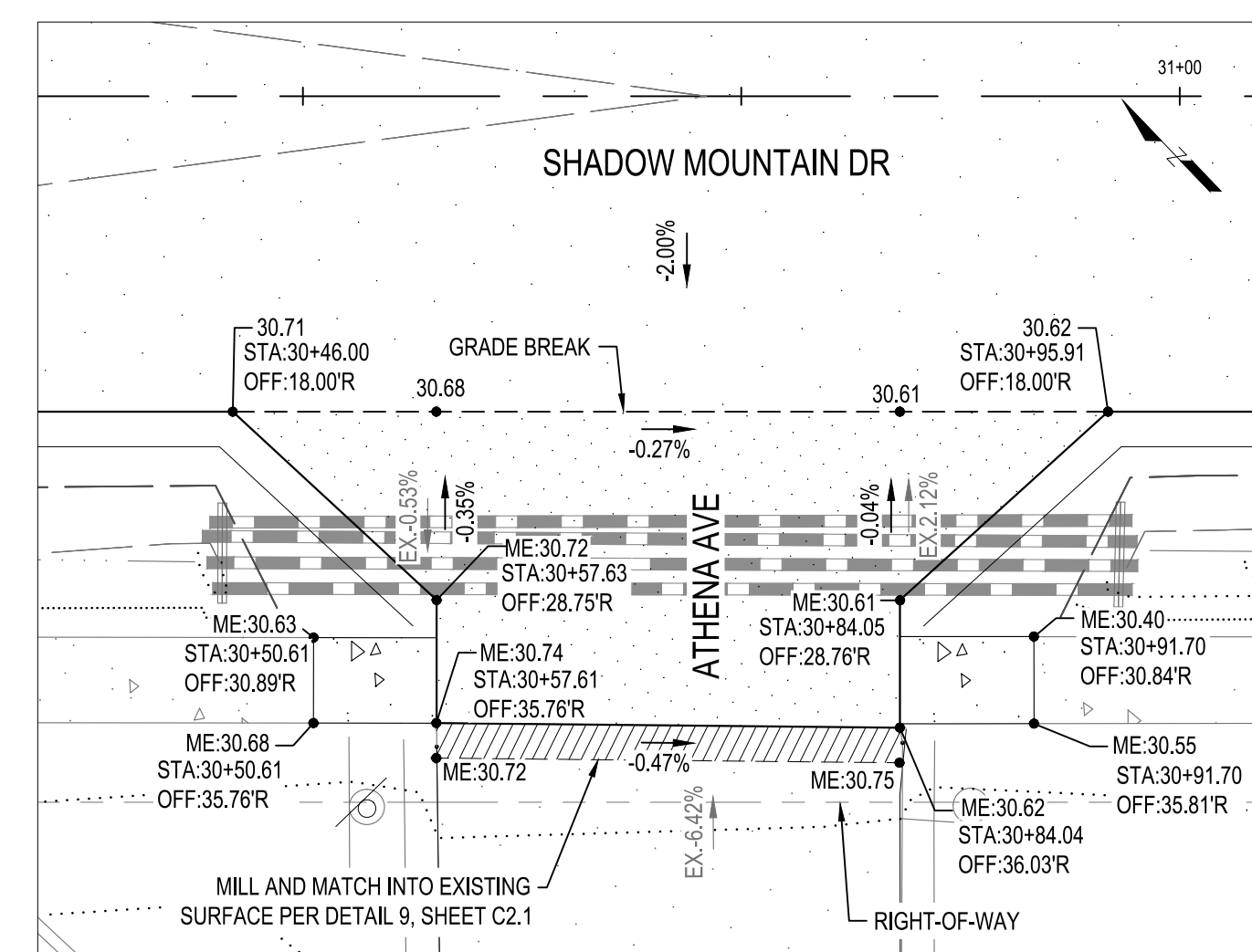
17 INTERSECTION GRADING DETAIL - MONARCH DR
SCALE: 1" = 10'



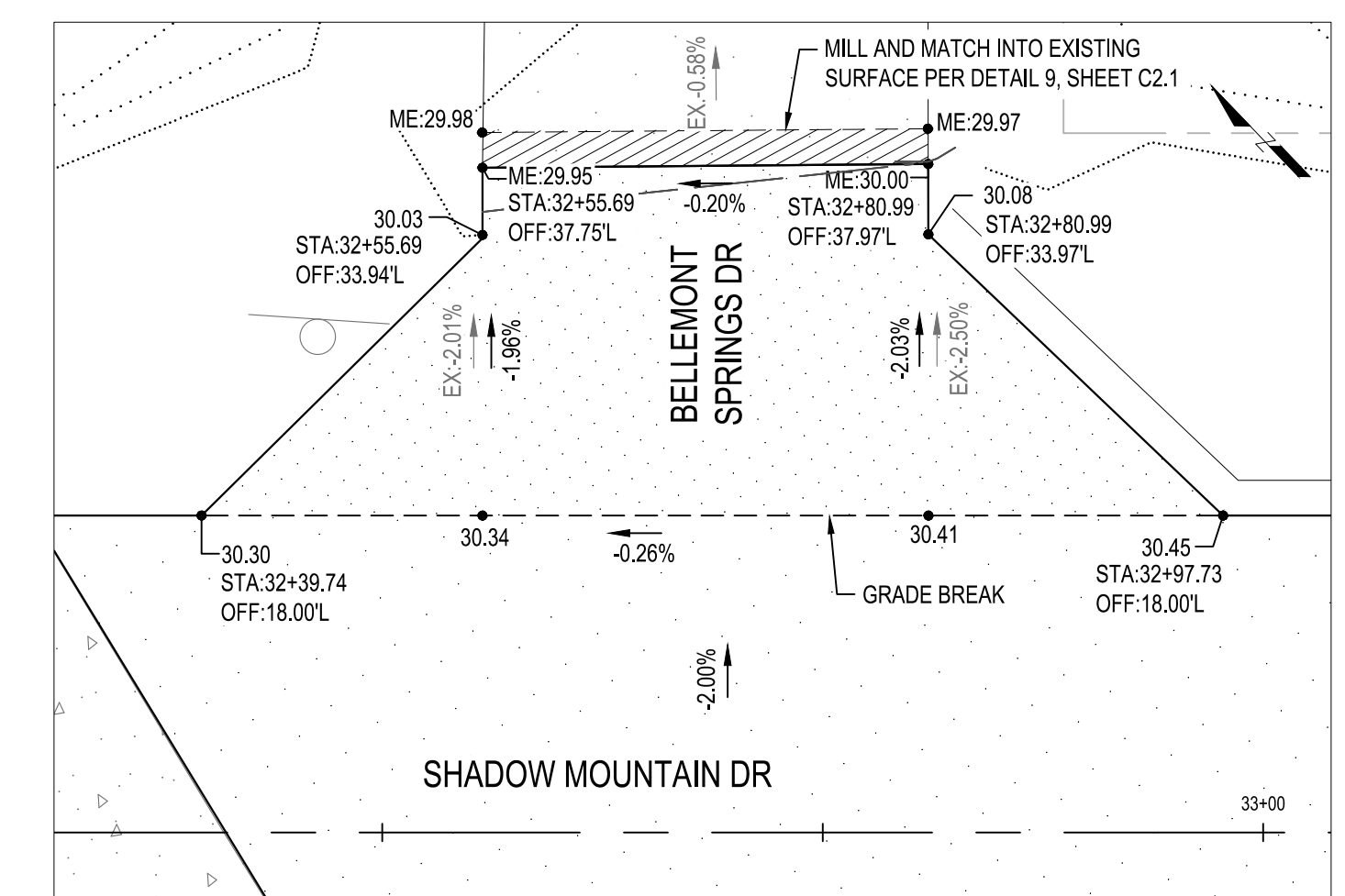
18 INTERSECTION GRADING DETAIL - FOSSIL CREEK DR (NORTH)
SCALE: 1" = 10'



19 INTERSECTION GRADING DETAIL - FOSSIL CREEK DR (SOUTH)
SCALE: 1" = 10'



20 INTERSECTION GRADING DETAIL - ATHENA AVE
SCALE: 1" = 10'



21 INTERSECTION GRADING DETAIL - BELLEMONT SPRINGS DR
SCALE: 1" = 10'

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SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
DETAILS

Daniel Burke

DANIEL BURKE
REGISTERED PROFESSIONAL ENGINEER
NO. 30492
STATE OF ARIZONA, U.S.A.

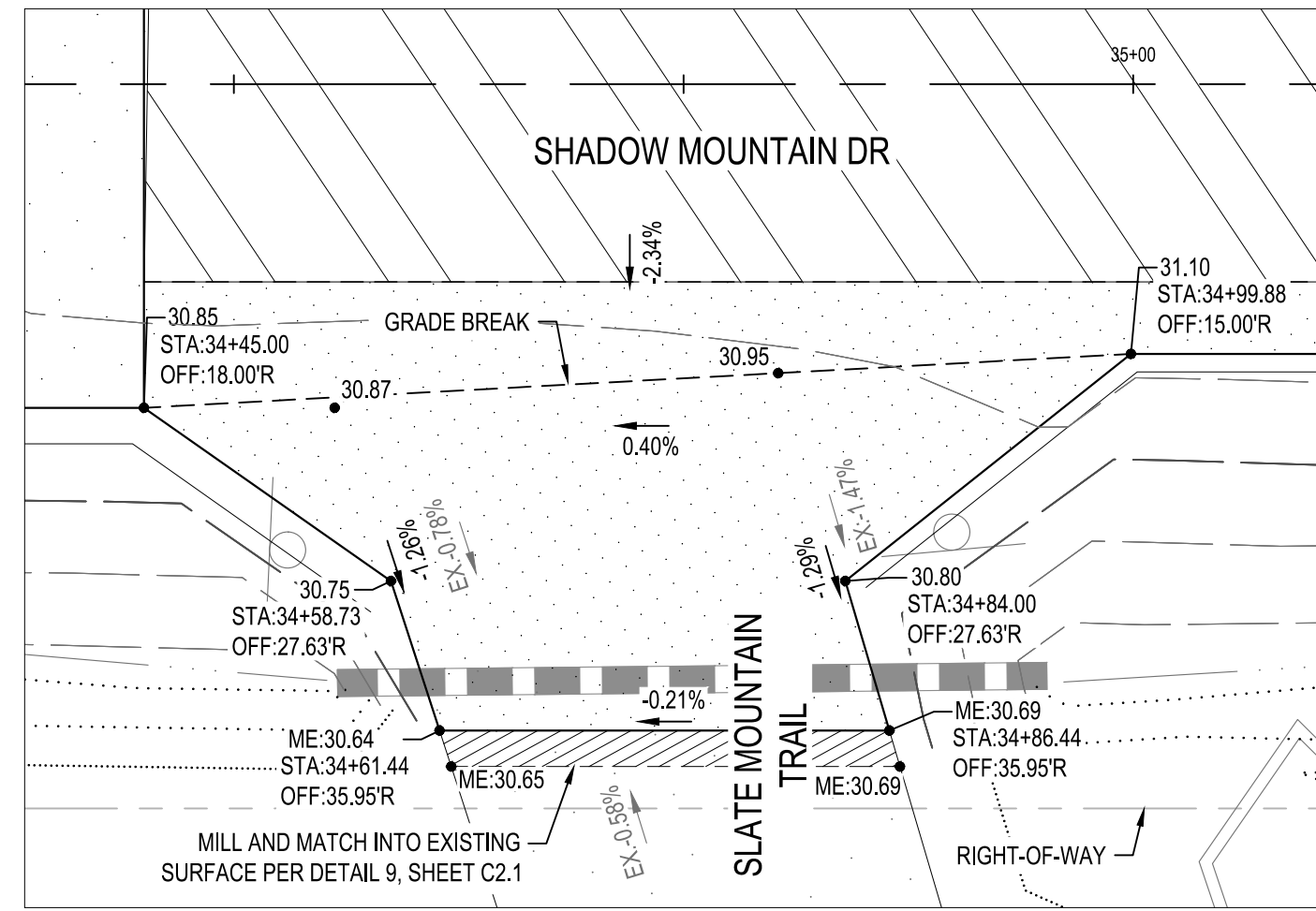
DESIGNED BY: KK, DB	KK
DRAWN BY: KK	KK
CHECK BY: DB, WJB	DB, WJB
DATE: JANUARY 2025	

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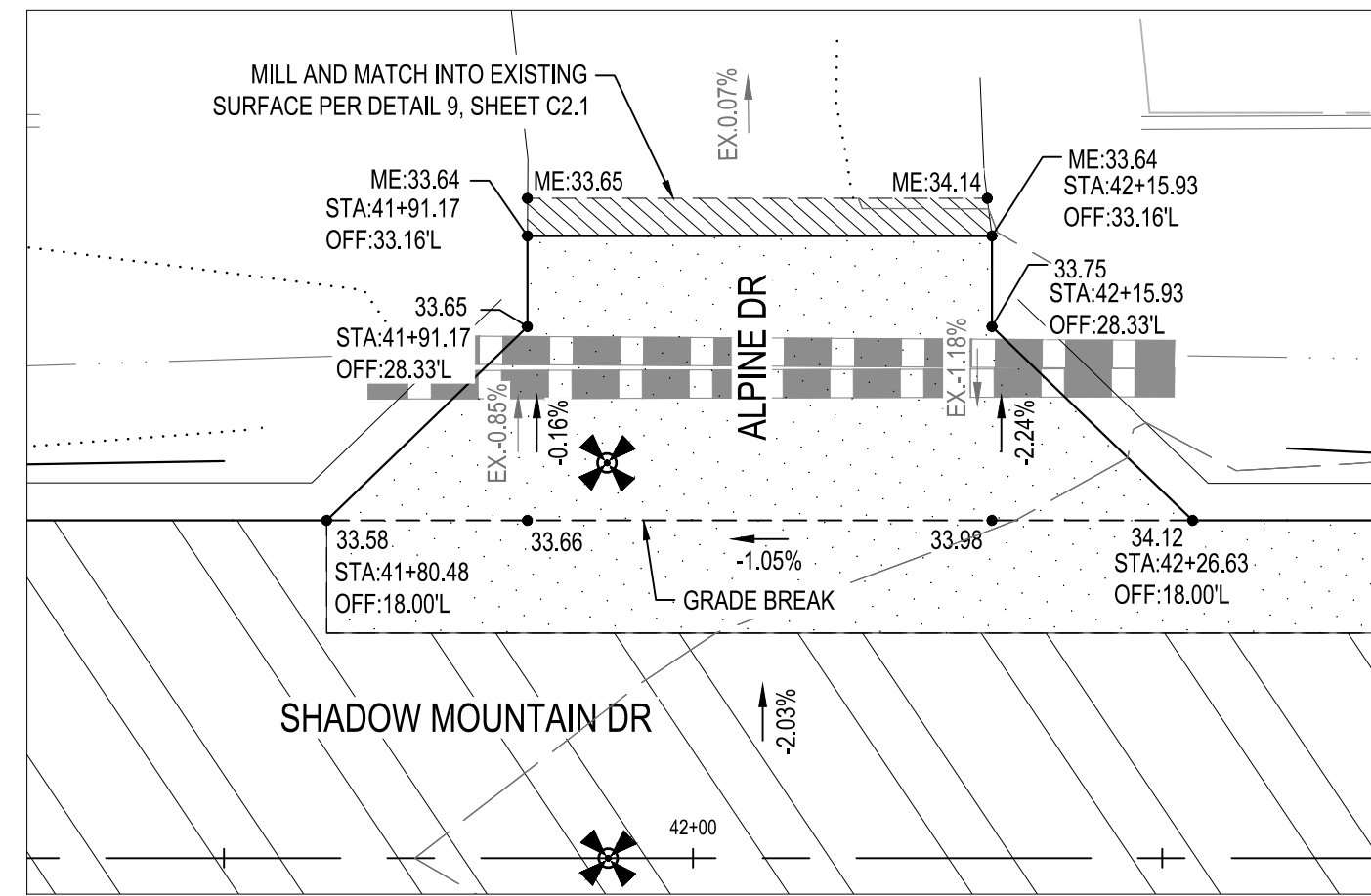
SHEET
C2.3

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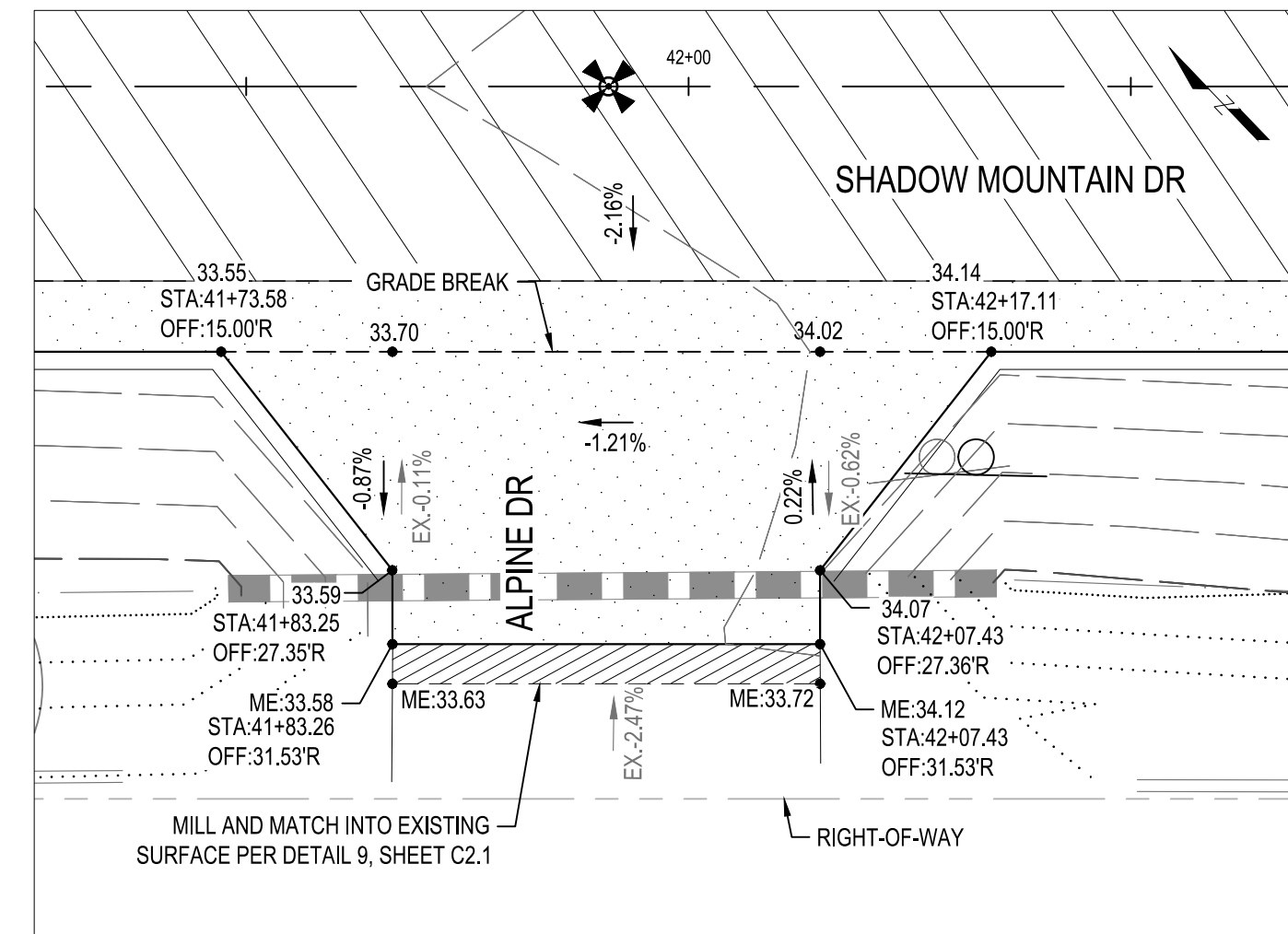




22 INTERSECTION GRADING DETAIL - SLATE MOUNTAIN TRAIL
SCALE: 1" = 10'



23 INTERSECTION GRADING DETAIL - ALPINE DR (NORTH)
SCALE: 1" = 10'



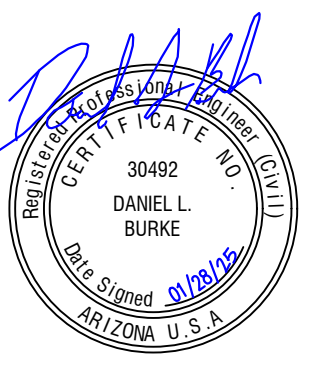
24 INTERSECTION GRADING DETAIL - ALPINE DR (SOUTH)
SCALE: 1" = 10'



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SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
DETAILS



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DRAWN BY: KK
CHECK BY: DB, WVB
DATE: JANUARY 2025

PROJECT NO.
323015A001
SHEET
C2.4

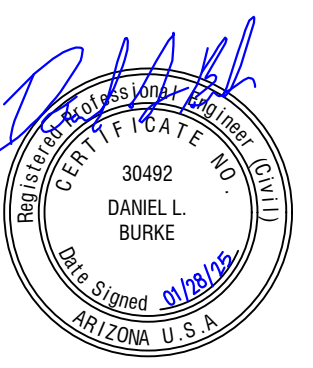
NO.	DATE	REVISIONS

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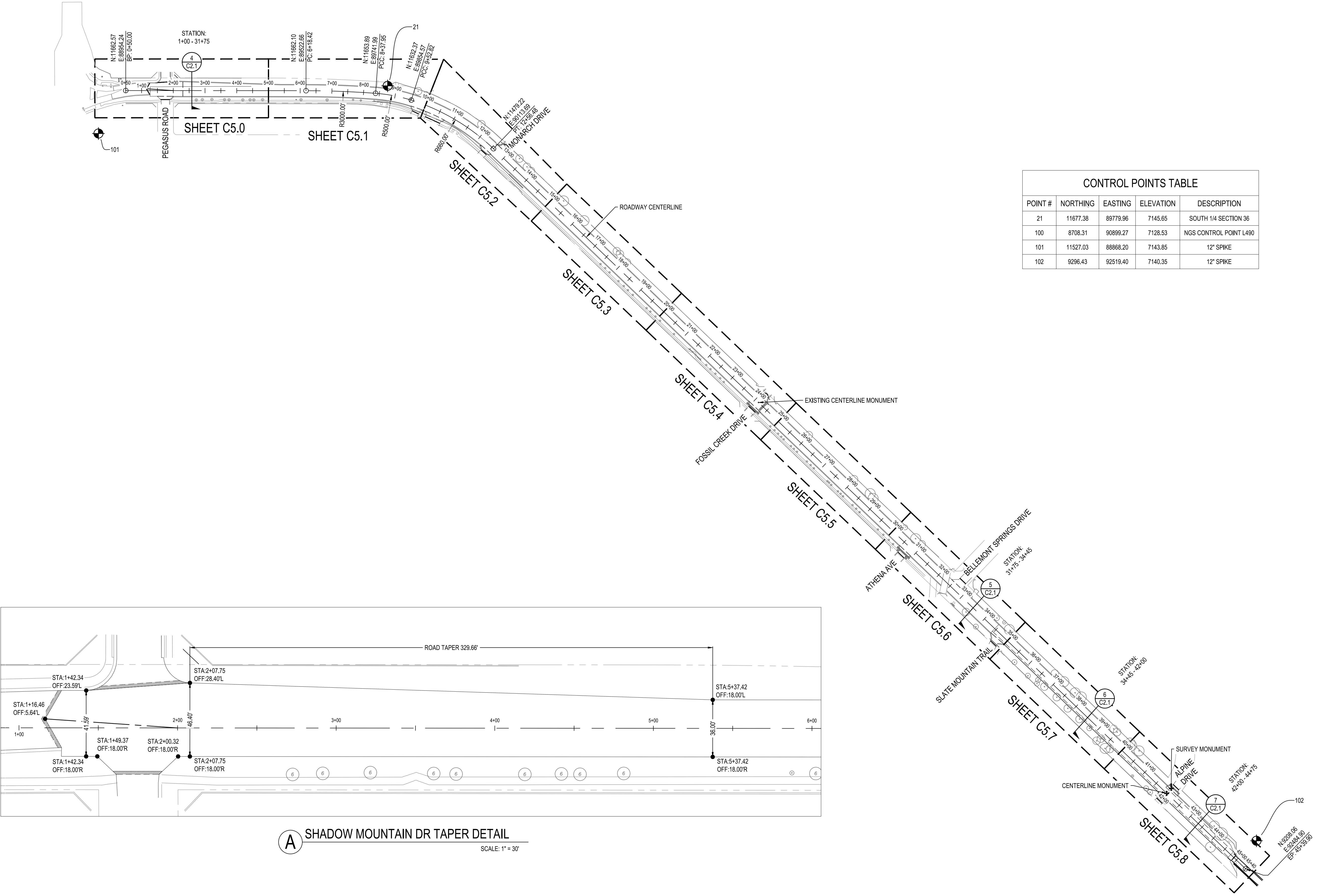
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SHADOW MOUNTAIN DRIVE
 RECONSTRUCTION
 SHEET INDEX AND CONTROL

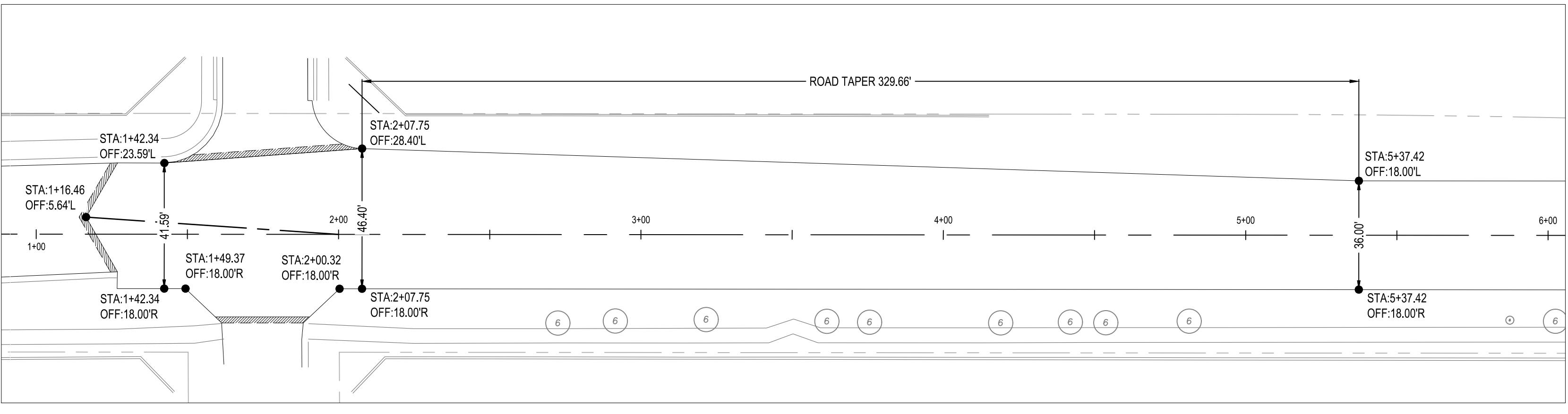


DESIGNED BY: KK, DB
 DRAWN BY: KK
 CHECK BY: DB, WRB
 DATE: JANUARY 2025

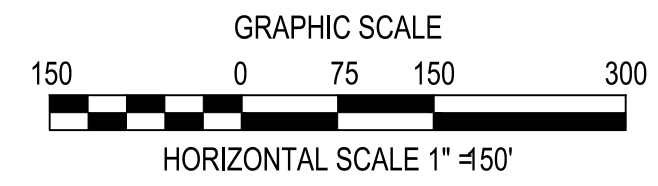
PROJECT NO.
 323015A001
 SHEET
C3.0



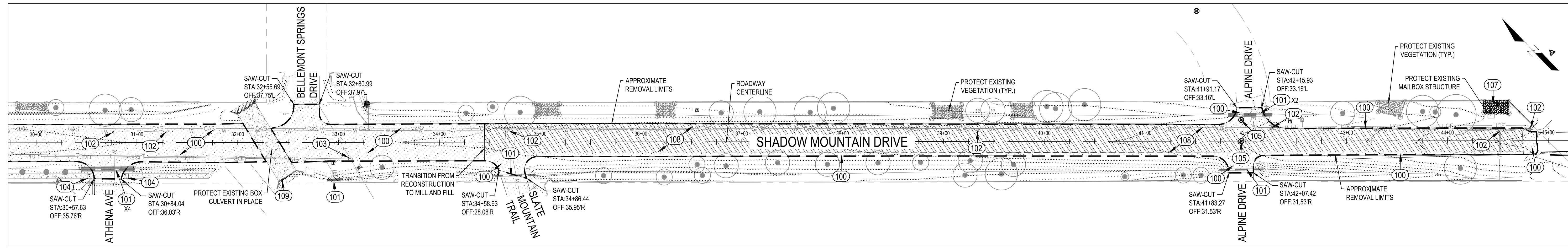
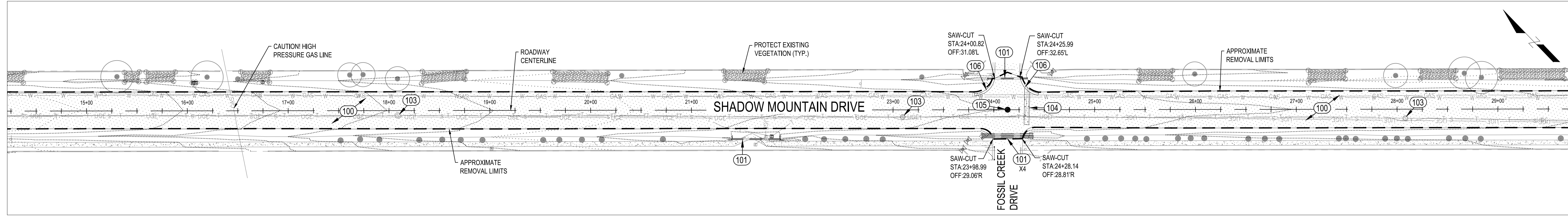
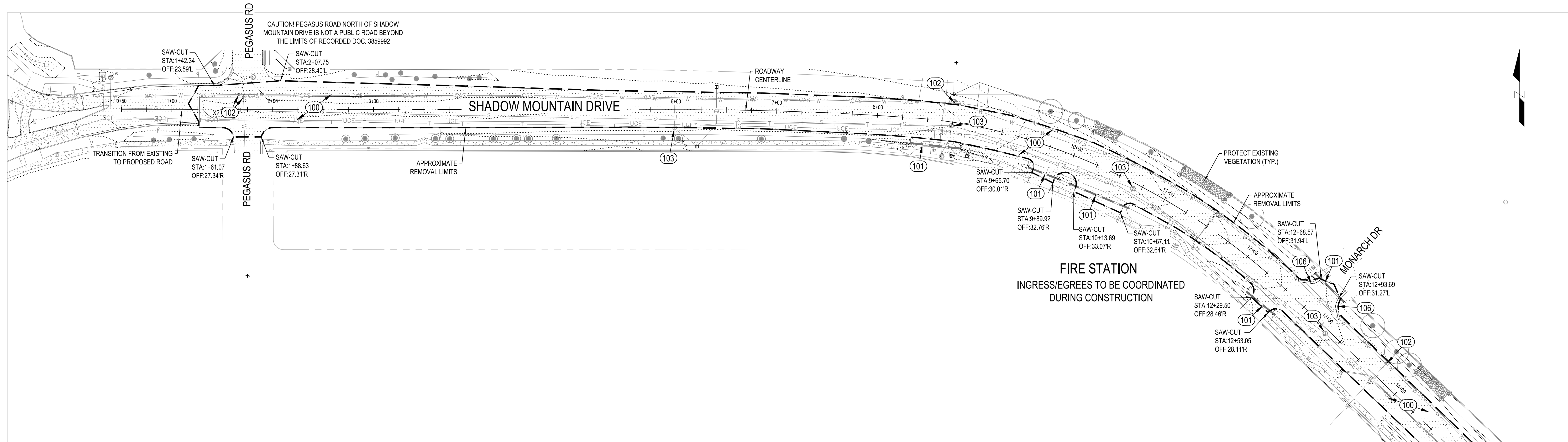
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
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100	8708.31	90899.27	7128.53	NGS CONTROL POINT L490
101	11527.03	88868.20	7143.85	12" SPIKE
102	9296.43	92519.40	7140.35	12" SPIKE



A SHADOW MOUNTAIN DR TAPER DETAIL
 SCALE: 1" = 30'



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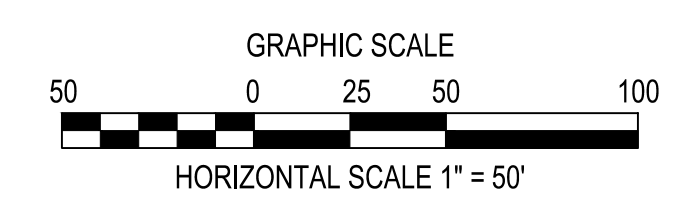


NOTES

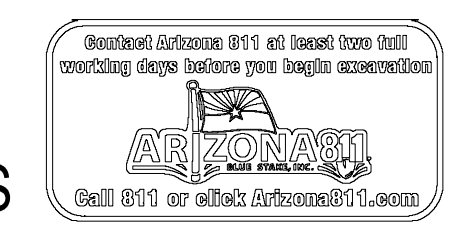
- ALL SIGNS AND POSTS DISTURBED DURING CONSTRUCTION SHALL BE SALVAGED AND REINSTALLED TO MATCH CONDITIONS PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE CONTRACT.
- ALL UTILITIES AND UTILITY BOXES SHALL BE PROTECTED IN PLACE DURING CONSTRUCTION UNLESS STATED OTHERWISE AT NO ADDITIONAL COST TO THE CONTRACT.
- THE SAW-CUT IS INCIDENTAL TO AC AND CONCRETE REMOVALS AND NO ADDITIONAL PAYMENT WILL BE MADE OF SAW CUTTING.
- CLEAN CULVERTS OF ALL CONSTRUCTION DEBRIS

CONSTRUCTION NOTES

- (NOTE 100) 14,680 SY REMOVE, MILL TO MINUS 1", AND SALVAGE EXISTING ASPHALT FOR PROPOSED CEMENT TREATED BASE.
- (NOTE 101) 20 EA REMOVE DEBRIS AND CLEAN EXISTING CULVERT. ENSURE POSITIVE FLOW IN AND OUT OF THE CULVERT.
- (NOTE 102) 11 EA LOWER AND ADJUST VALVE COVER TO FINISHED GRADE
- (NOTE 103) 8 EA LOWER AND ADJUST MANHOLE TO FINISHED GRADE.
- (NOTE 104) 225 SF REMOVE AND DISPOSE OF EXISTING CONCRETE.
- (NOTE 105) 3 EA CONTRACTOR TO REPLACE EXISTING SURVEY MARKER PER COCONINO COUNTY STD. DET. 2-1 TYPE 'A', SHEET C.2
- (NOTE 106) 105 LF REMOVE AND DISPOSE OF EXISTING RIBBON CURB
- (NOTE 107) 1 LS REMOVE AND DISPOSE OF EXISTING VEGETATION.
- (NOTE 108) 3,095 SY MILL 1" OF EXISTING ASPHALT AND STOCK PILE FOR SHOULDER BUILDUP.
- (NOTE 109) 5 LF REMOVE AND DISPOSE OF EXISTING DAMAGED CONCRETE VERTICAL CURB. CONTRACTOR TO CREATE CLEAN SAW CUT 1" BEYOND DAMAGED SECTION.



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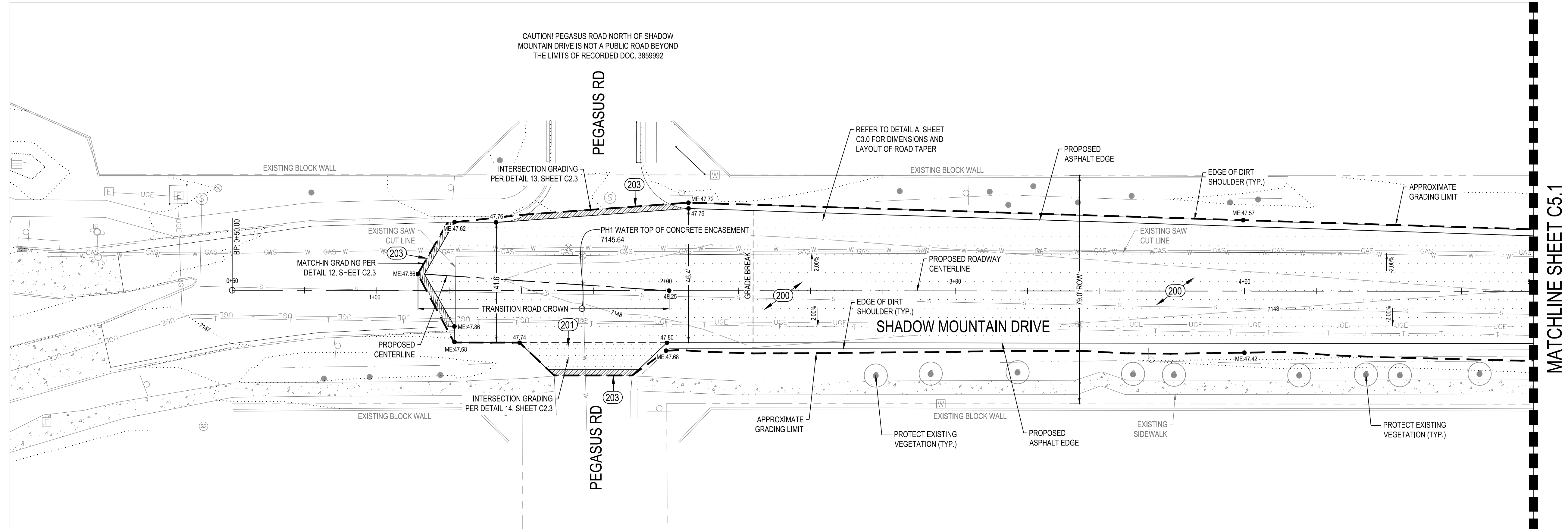
SHADOW MOUNTAIN DRIVE
 RECONSTRUCTION
 REMOVALS



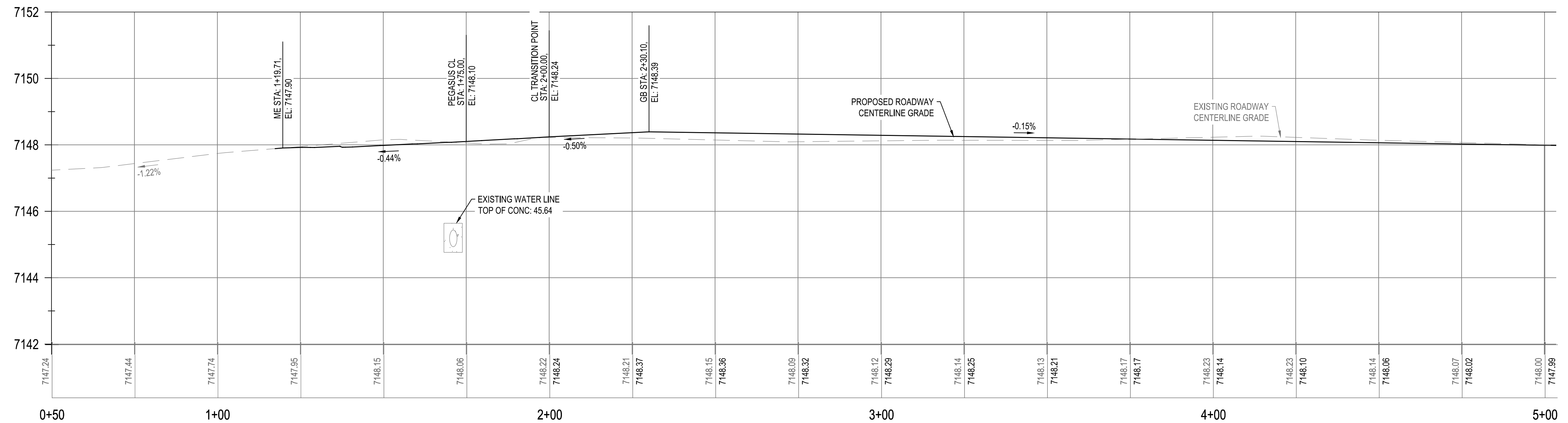
DESIGNED BY: KK, DB
 DRAWN BY: KK
 CHECK BY: DB, WRB
 DATE: JANUARY 2025

PROJECT NO.
 323015A001
 SHEET
C4.0

SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 0+50 - 5+00



ROAD PROFILE VIEW
STA: 0+50 - 5+00



NOTES

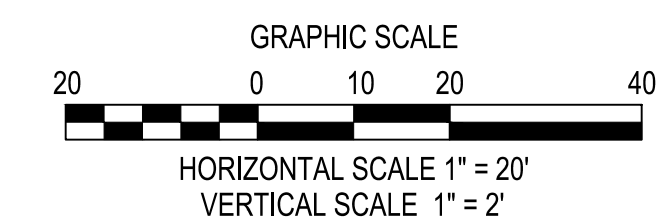
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- CLEAN CULVERTS OF ALL CONSTRUCTION DEBRIS

CONSTRUCTION NOTES

(NOTE 200) 1,770 SY
NEW 4" THICK ASPHALT PAVEMENT OVER 2" BASE COURSE OVER 6" THICK OF CEMENT TREATED BASE COURSE PER DETAIL 1, SHEET 2.1

(NOTE 201) 45 SY
NEW 4" THICK ASPHALT PAVEMENT OVER 6" THICK BASE COURSE PER DETAIL 2, SHEET 2.1

(NOTE 203) 30 SY
MILL 2" OF EXISTING ASPHALT AND INSTALL 2" OF 1/2" ASPHALT FILL WITH PG64-28TR+ BINDER. TRANSITIONS BETWEEN PROPOSED AND EXISTING ROAD PER DETAIL 9, SHEET 2.1



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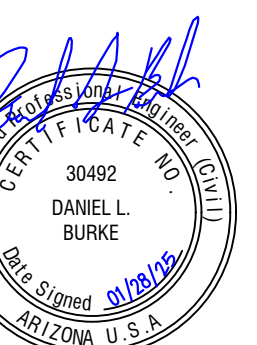


NO.	DATE	ITEM	REVISIONS

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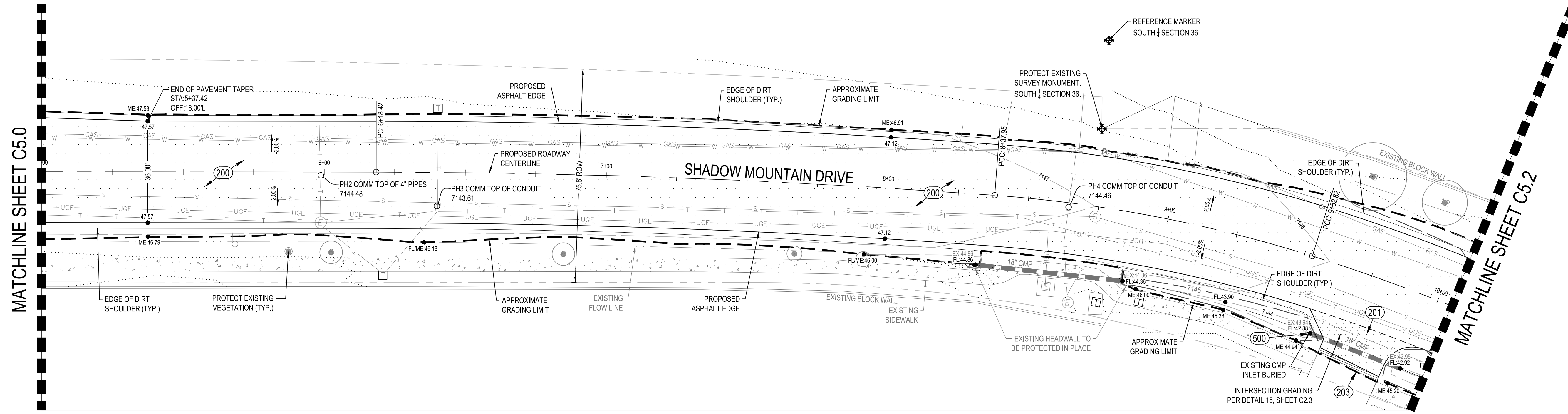
SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
ROADWAY PLAN AND PROFILE



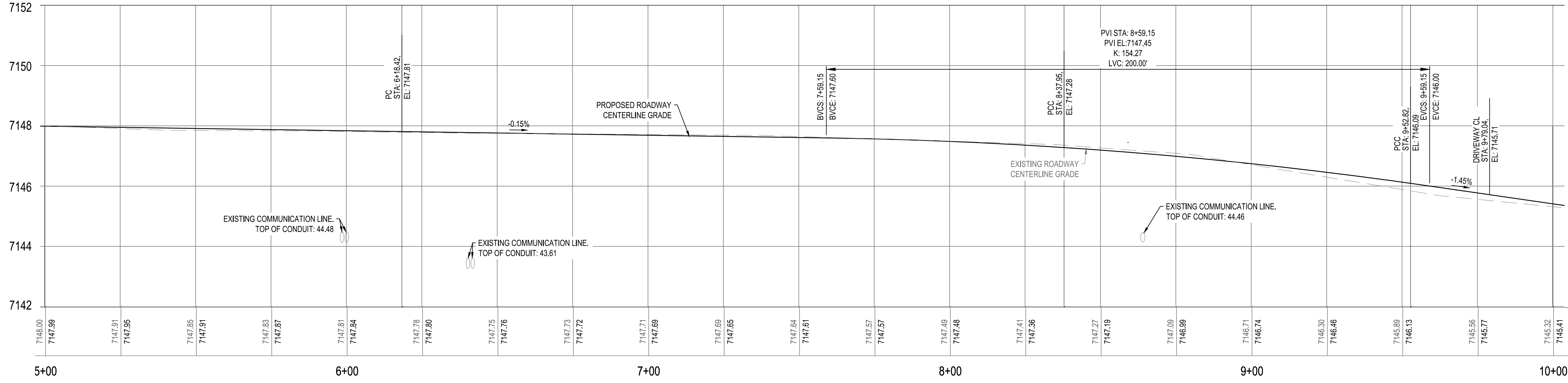
DESIGNED BY: KK, DB
DRAWN BY: KK
CHECK BY: DB, WRB
DATE: JANUARY 2025

PROJECT NO.
323015A001
SHEET
C5.0

SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 5+00 - 10+00



ROAD PROFILE VIEW
STA: 5+00 - 10+00



- NOTES**
- ALL SIGNS AND POSTS DISTURBED DURING CONSTRUCTION SHALL BE SALVAGED AND REINSTALLED TO MATCH CONDITIONS PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE CONTRACT.
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CONSTRUCTION NOTES

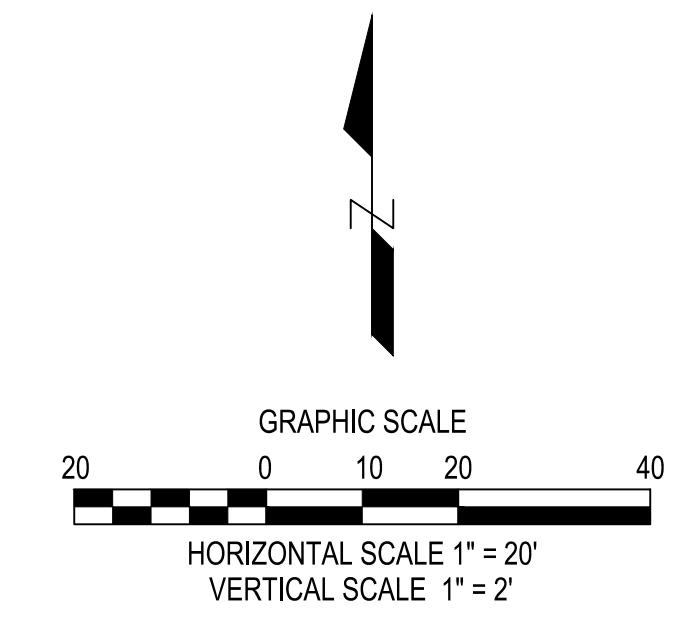
(NOTE 200) 2,000 SY
NEW 4" THICK ASPHALT PAVEMENT OVER 2" BASE COURSE OVER 6" THICK OF CEMENT TREATED BASE COURSE PER DETAIL 1, SHEET 2.1

(NOTE 201) 40 SY
NEW 4" THICK ASPHALT PAVEMENT OVER 6" THICK BASE COURSE PER DETAIL 2, SHEET 2.1

(NOTE 203) 5 SY
MILL 2" OF EXISTING ASPHALT AND INSTALL 2" OF 1/2" ASPHALT FILL WITH PG64-28R+ BINDER. TRANSITIONS BETWEEN PROPOSED AND EXISTING ROAD PER DETAIL 9, SHEET 2.1

DRAINAGE CONSTRUCTION:

(NOTE 500) 1 EA
REPAIR END SECTION OF 18" CULVERT. REMOVE UP TO 5' OF PIPE TO FIX DAMAGED SECTION. INSTALL RIPRAP APRON AND BLEND INTO EXISTING DRAINAGE SWALES.



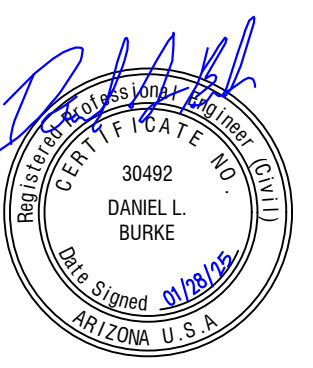
NO.	DATE	REVISIONS

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SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
ROADWAY PLAN AND PROFILE

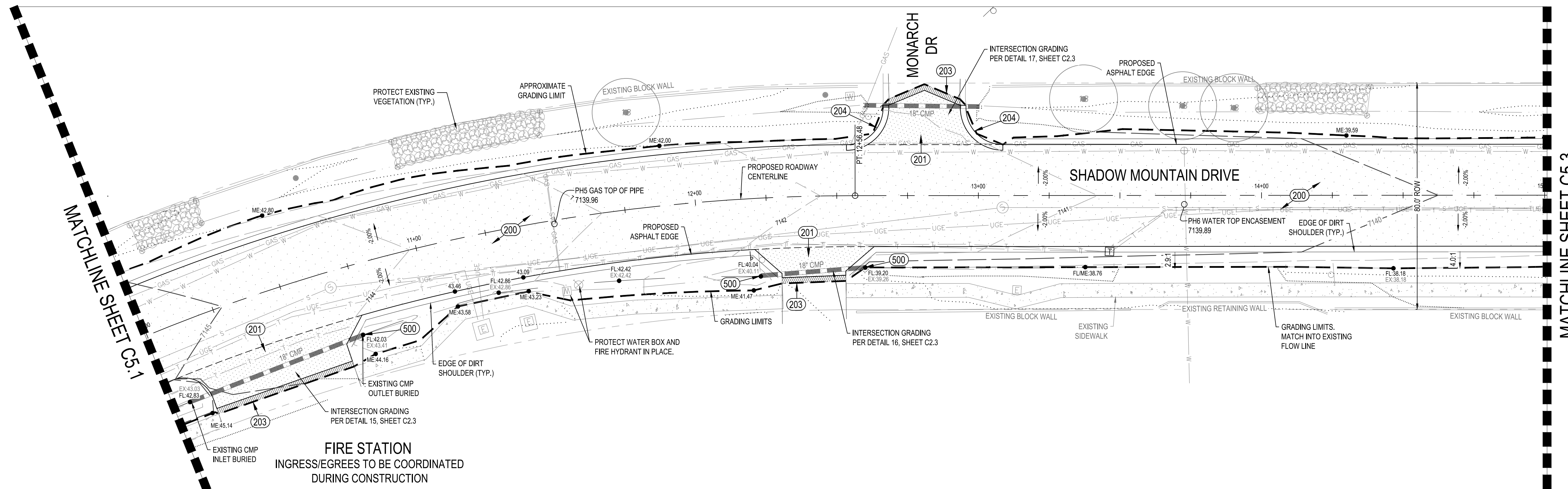


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DRAWN BY: KK
CHECK BY: DB, WRB
DATE: JANUARY 2025

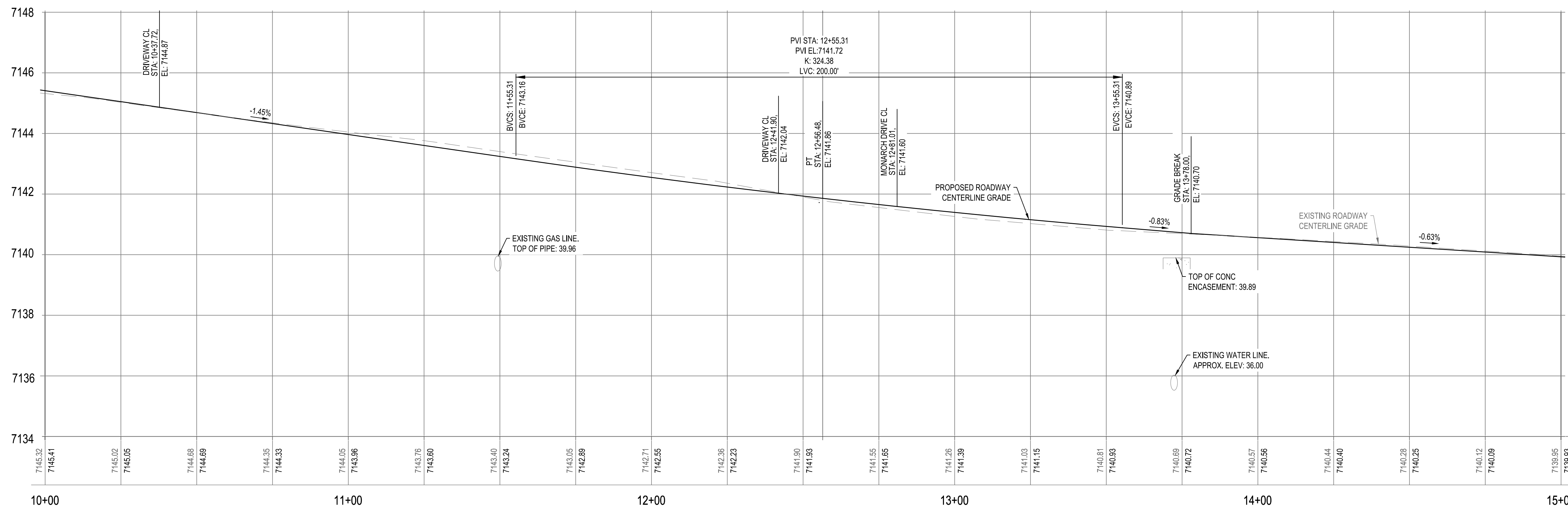
PROJECT NO.
323015A001

SHEET
C5.1

SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 10+00 - 15+00



ROAD PROFILE VIEW
STA: 10+00 - 15+00



NOTES

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- CLEAN CULVERTS OF ALL CONSTRUCTION DEBRIS

CONSTRUCTION NOTES

(NOTE 200) 2,000 SY
NEW 4" THICK ASPHALT PAVEMENT OVER 2" BASE COURSE OVER 6" THICK OF CEMENT TREATED BASE COURSE PER DETAIL 1, SHEET 2.1

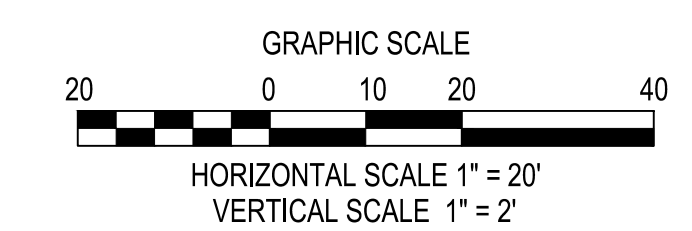
(NOTE 201) 180 SY
NEW 4" THICK ASPHALT PAVEMENT OVER 6" THICK BASE COURSE PER DETAIL 2, SHEET 2.1

(NOTE 203) 25 SY
MILL 2" OF EXISTING ASPHALT AND INSTALL 2" OF 1/2" ASPHALT FILL WITH PG64-28TR+ BINDER. TRANSITIONS BETWEEN PROPOSED AND EXISTING ROAD PER DETAIL 9, SHEET 2.1

(NOTE 204) 50 LF
INSTALL NEW TYPE 'B' RIBBON CURB PER MAG STD DET 220, SHEET 2.2. INSTALL 3" OF ABC UNDER NEW CURB.

DRAINAGE CONSTRUCTION:

(NOTE 500) 3 EA
REPAIR END SECTION OF 18" CULVERT. REMOVE UP TO 5' OF PIPE TO FIX DAMAGED SECTION. INSTALL RIPRAP APRON AND BLEND INTO EXISTING DRAINAGE SWALES.



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SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
ROADWAY PLAN AND PROFILE

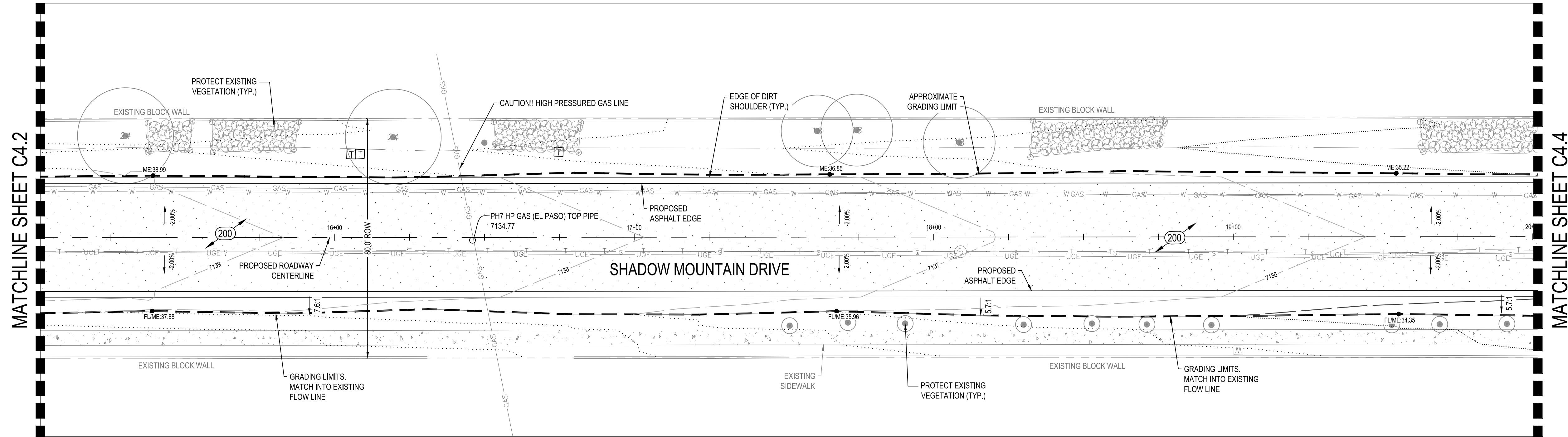


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DRAWN BY: KK
CHECK BY: DB, WRB
DATE: JANUARY 2025

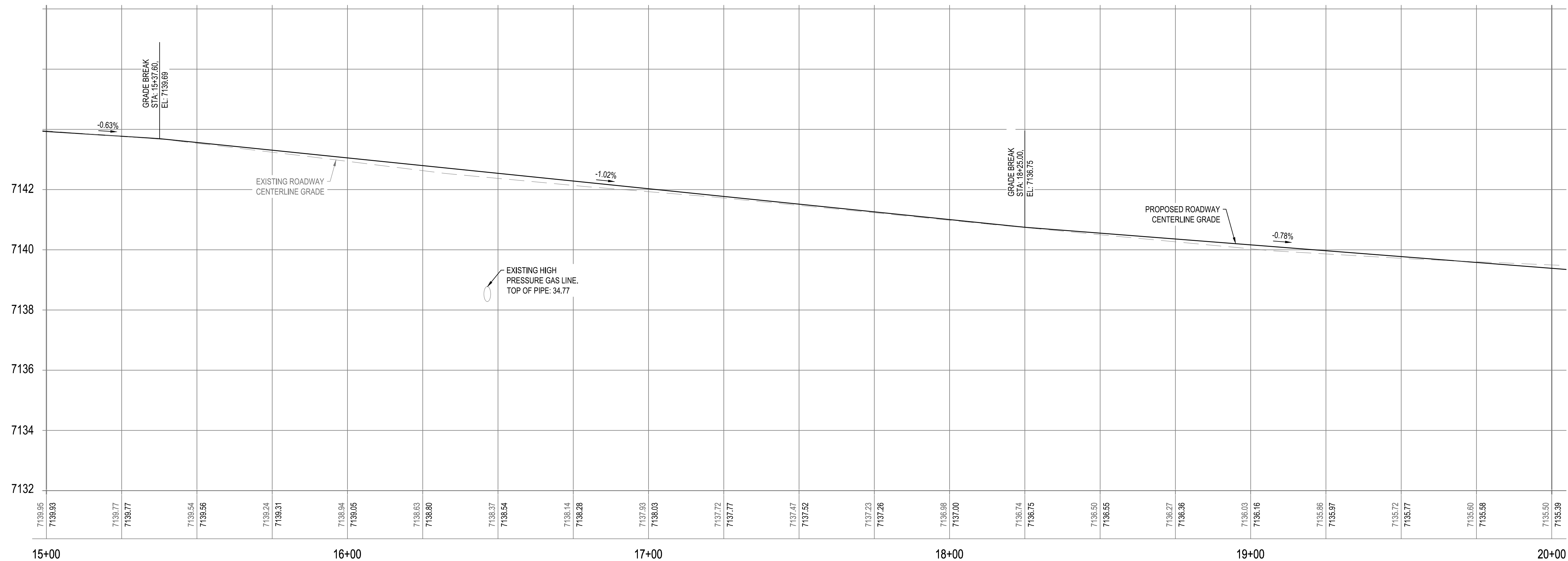
PROJECT NO.
323015A001

SHEET
C5.2

SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 15+00 - 20+00



ROAD PROFILE VIEW
STA: 15+00 - 20+00

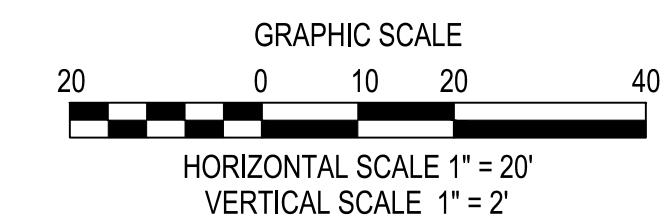


NOTES

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- CLEAN CULVERTS OF ALL CONSTRUCTION DEBRIS

CONSTRUCTION NOTES

(NOTE 200) 2,000 SY
NEW 4" THICK ASPHALT PAVEMENT OVER 2" BASE COURSE OVER 6" THICK OF CEMENT TREATED BASE COURSE PER DETAIL 1, SHEET 2.1



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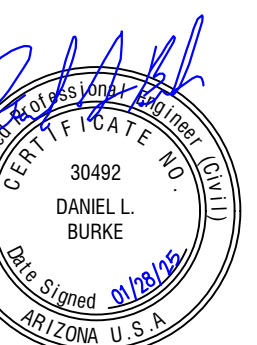


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SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
ROADWAY PLAN AND PROFILE

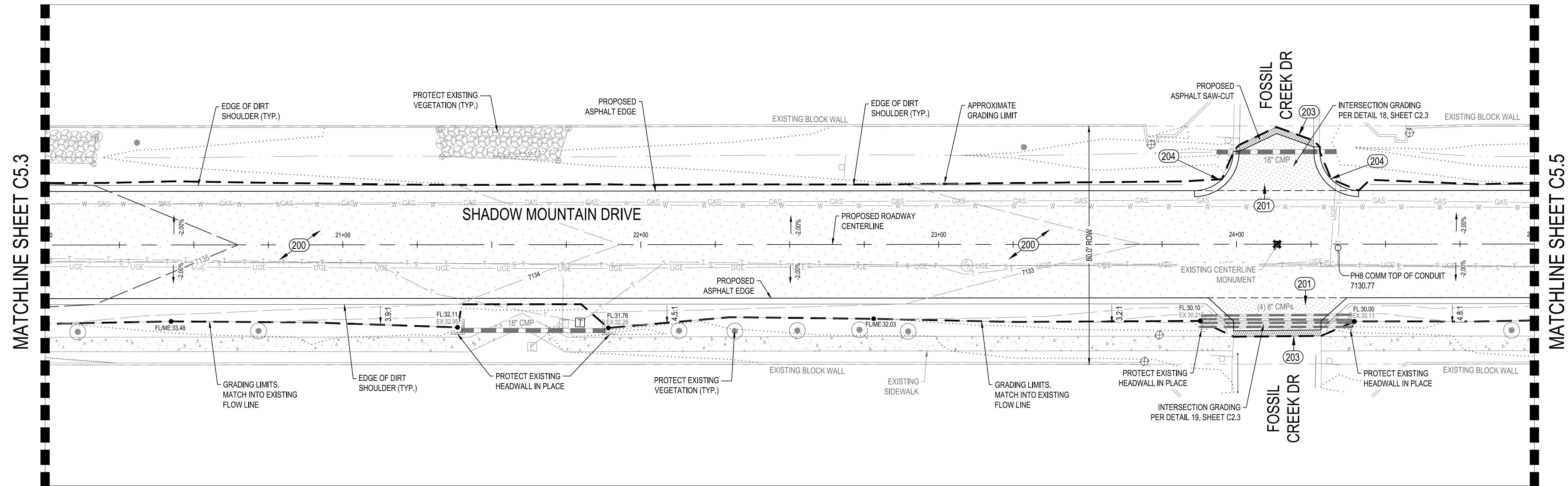


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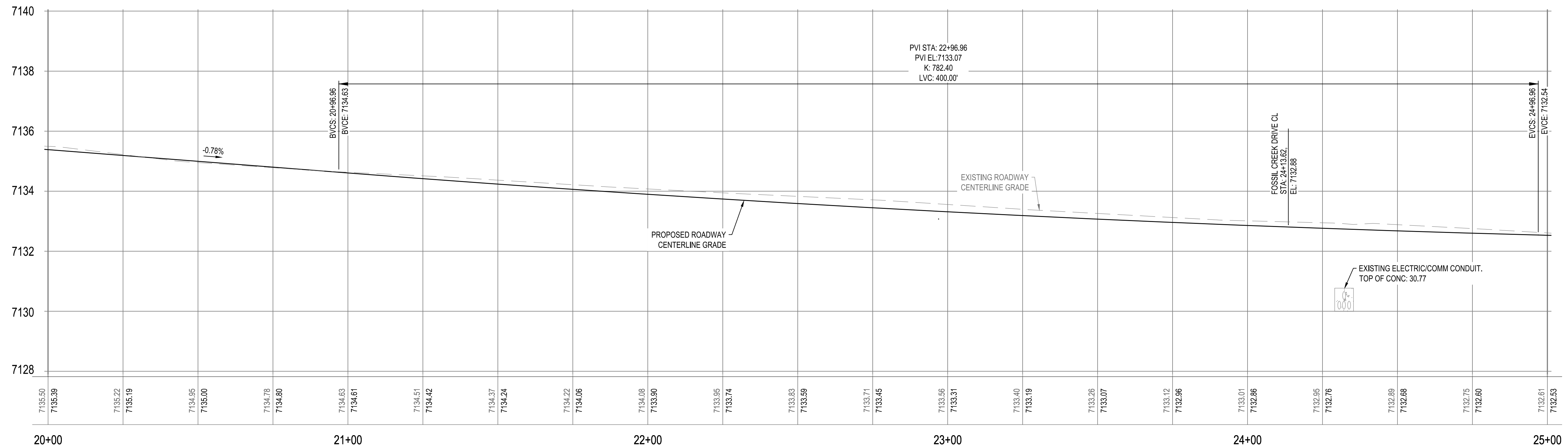
PROJECT NO.
323015A001

SHEET
C5.3

SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 20+00 - 25+00



ROAD PROFILE VIEW
STA: 20+00 - 25+00



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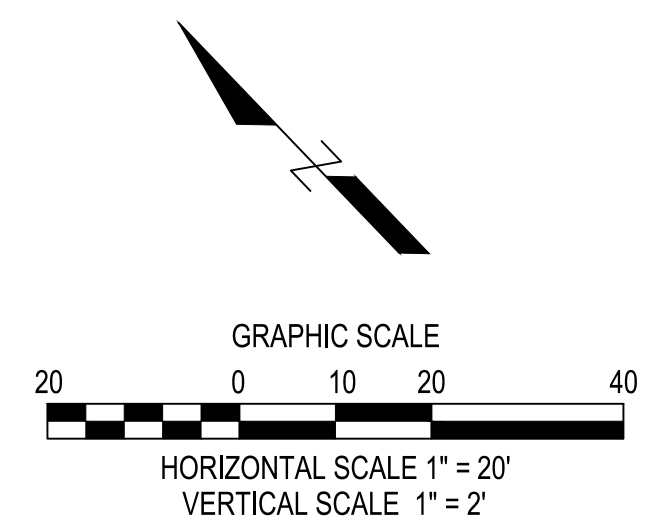
CONSTRUCTION NOTES

(NOTE 200) 2,000 SY
NEW 4" THICK ASPHALT PAVEMENT OVER 2" BASE COURSE OVER 6" THICK OF CEMENT TREATED BASE COURSE PER DETAIL 1, SHEET 2.1

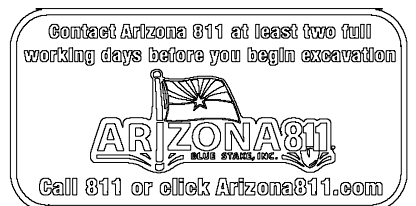
(NOTE 201) 95 SY
NEW 4" THICK ASPHALT PAVEMENT OVER 6" THICK BASE COURSE PER DETAIL 2, SHEET 2.1

(NOTE 203) 15 SY
MILL 2" OF EXISTING ASPHALT AND INSTALL 2" OF 1/2" ASPHALT FILL WITH PG64-28TR+ BINDER. TRANSITIONS BETWEEN PROPOSED AND EXISTING ROAD PER DETAIL 9, SHEET 2.1

(NOTE 204) 50 LF
INSTALL NEW TYPE 'B' RIBBON CURB PER MAG STD DET 220, SHEET 2.2. INSTALL 3" OF ABC UNDER NEW CURB.



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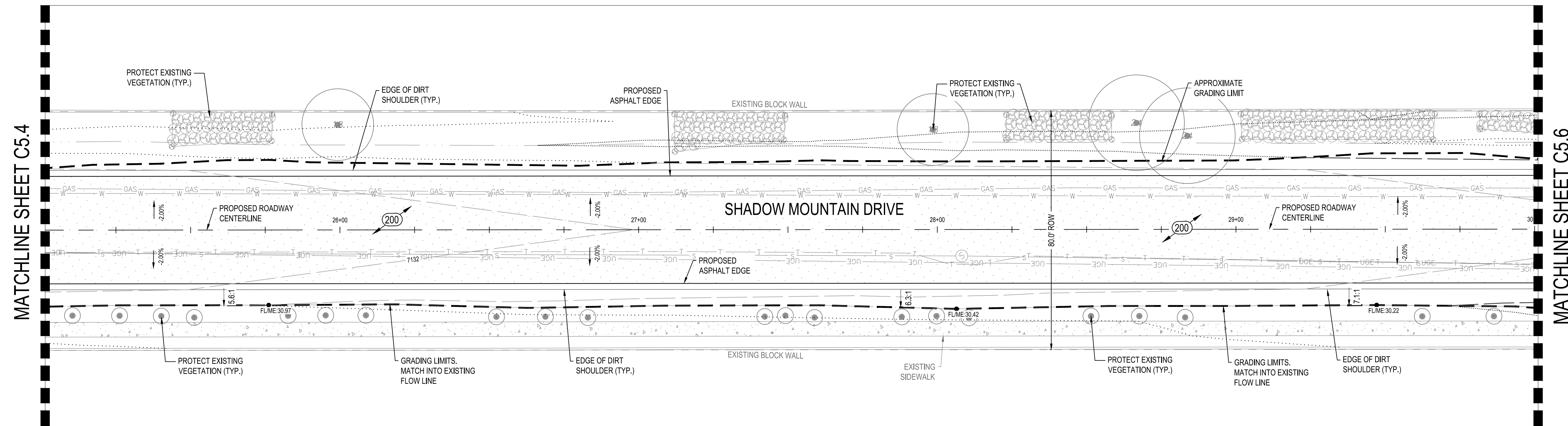
SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
ROADWAY PLAN AND PROFILE

DESIGNED BY: KK, DB
DRAWN BY: KK
CHECK BY: DB, WRB
DATE: JANUARY 2025

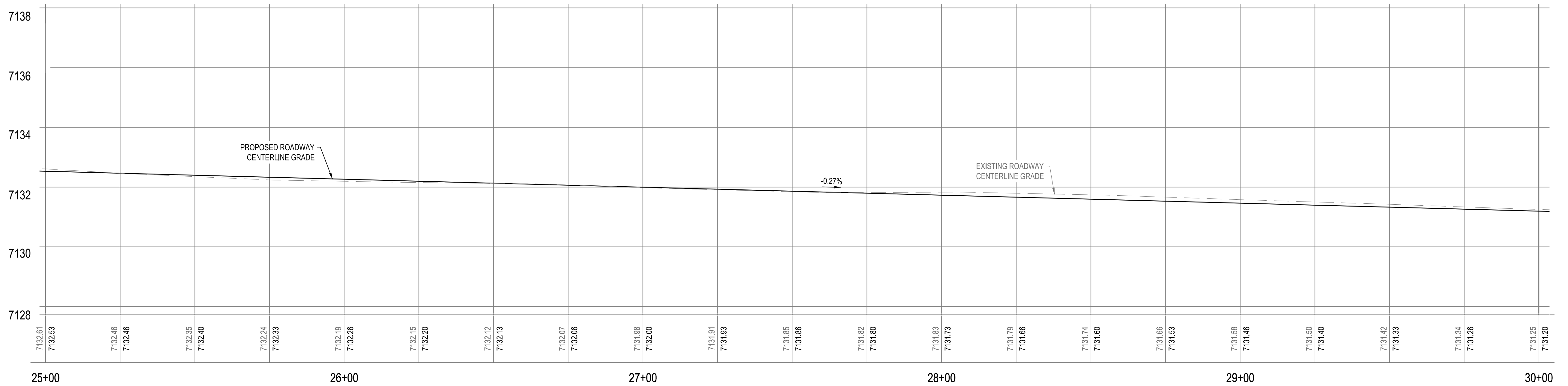
PROJECT NO.
323015A001

SHEET
C5.4

SHADOW MOUNTAIN DRIVE
 PLAN VIEW
 STA: 25+00 - 30+00



ROAD PROFILE VIEW
 STA: 25+00 - 30+00

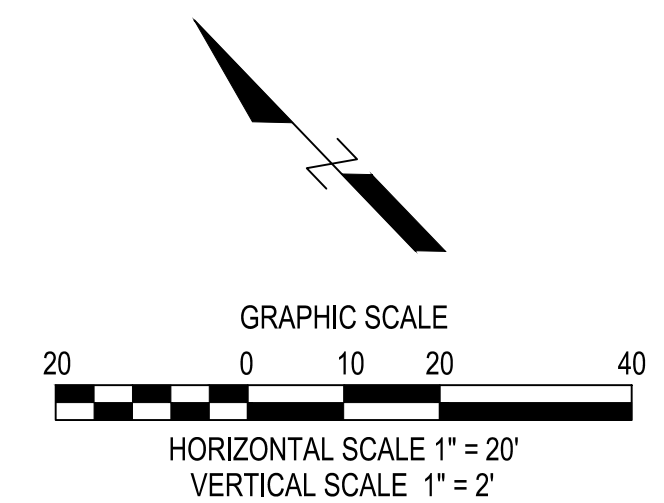


NOTES

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- CLEAN CULVERTS OF ALL CONSTRUCTION DEBRIS

CONSTRUCTION NOTES

(NOTE 200) 2,000 SY
 NEW 4" THICK ASPHALT PAVEMENT OVER 2" BASE COURSE OVER 6"
 THICK OF CEMENT TREATED BASE COURSE PER DETAIL 1, SHEET 2.1

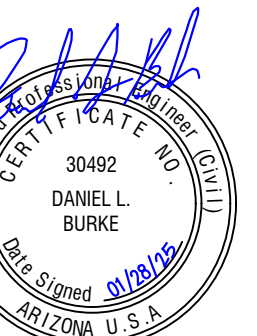


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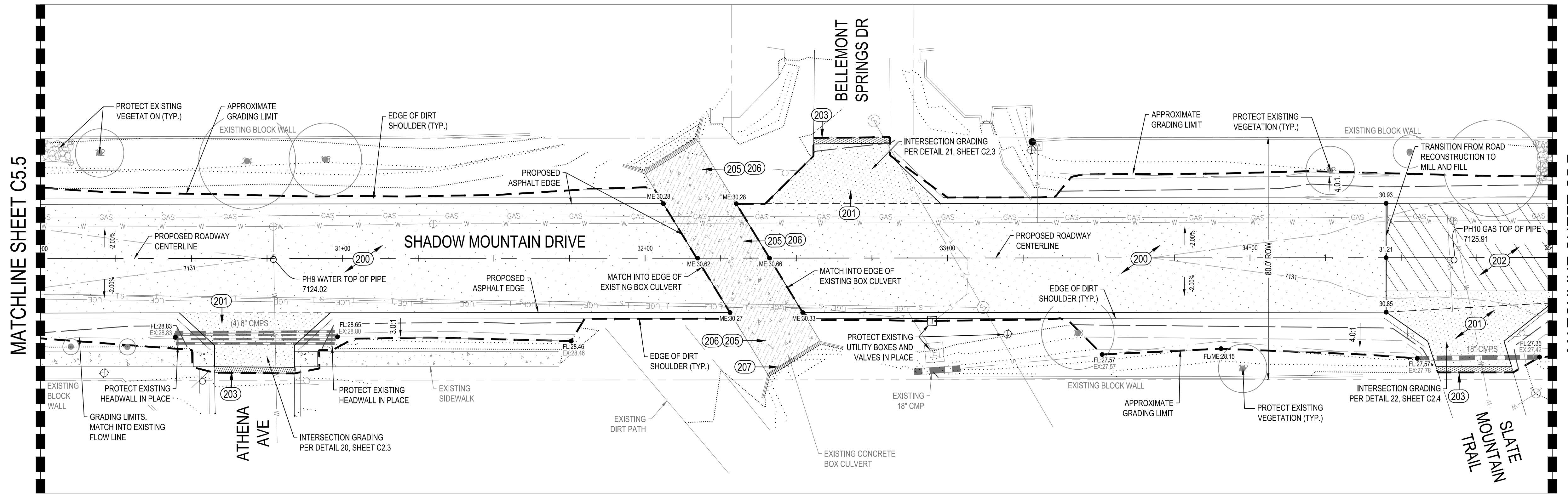
SHADOW MOUNTAIN DRIVE
 RECONSTRUCTION
 ROADWAY PLAN AND PROFILE



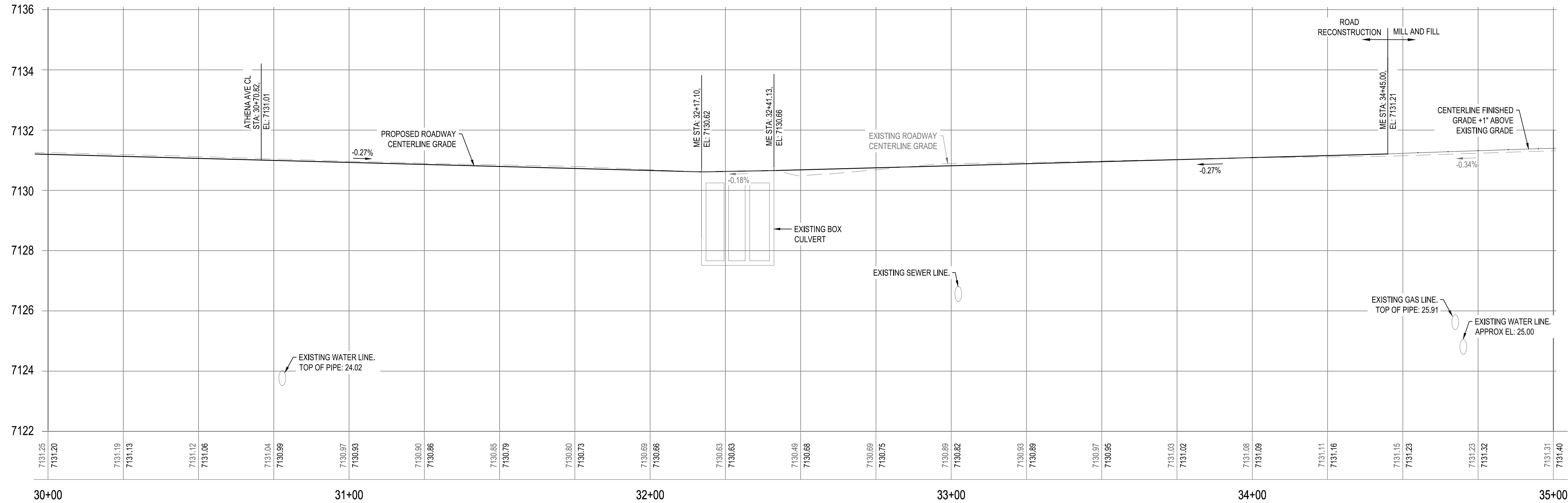
DESIGNED BY: KK, DB
 DRAWN BY: KK
 CHECK BY: DB, WRB
 DATE: JANUARY 2025

PROJECT NO.
 323015A001
 SHEET
C5.5

SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 30+00 - 35+00



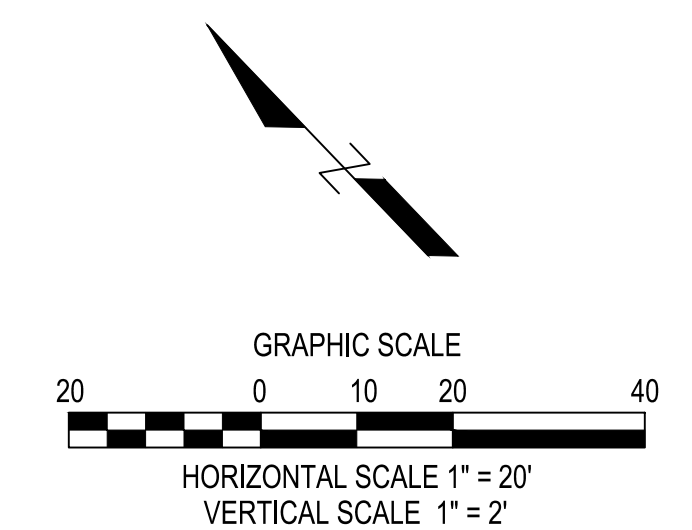
ROAD PROFILE VIEW
STA: 30+00 - 35+00



- NOTES**
- ALL SIGNS AND POSTS DISTURBED DURING CONSTRUCTION SHALL BE SALVAGED AND REINSTALLED TO MATCH CONDITIONS PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE CONTRACT.
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 - CLEAN CULVERTS OF ALL CONSTRUCTION DEBRIS

CONSTRUCTION NOTES

- (NOTE 200) 1.690 SY
NEW 4" THICK ASPHALT PAVEMENT OVER 2" BASE COURSE OVER 6" THICK OF CEMENT TREATED BASE COURSE PER DETAIL 1, SHEET 2.1
- (NOTE 201) 260 SY
NEW 4" THICK ASPHALT PAVEMENT OVER 6" THICK BASE COURSE PER DETAIL 2, SHEET 2.1
- (NOTE 202) 175 SY
INSTALL 2" OF 1/2" ASPHALT FILL WITH PG64-28TR+ BINDER. TRANSITIONS BETWEEN PROPOSED AND EXISTING ROAD PER DETAIL 7 & 8, SHEET 2.1
- (NOTE 203) 20 SY
MILL 2" OF EXISTING ASPHALT AND INSTALL 2" OF 1/2" ASPHALT FILL WITH PG64-28TR+ BINDER. TRANSITIONS BETWEEN PROPOSED AND EXISTING ROAD PER DETAIL 9, SHEET 2.1
- (NOTE 205) 175 SY
INJECT EPOXY SEALANT IN CRACKS WITH A WIDTH GREATER THAN 1/16" ON EXISTING BOX CULVERT. THE MATERIAL TO BE USED SHALL BE ON THE ADOT APPROVED PRODUCTS LIST SECTION 1015.
- (NOTE 206) 175 SY
INSTALL A PENETRATING DECK SEALER ON EXISTING CONCRETE PER APPENDIX D OF THE SPECIAL PROVISIONS.
- (NOTE 207) 15 LF
INSTALL VERTICAL CURB ALONG EDGE OF CONCRETE BOX CULVERT. CONTRACTOR TO INSTALL DOWELS TO CONNECT INTO EXISTING CURB.

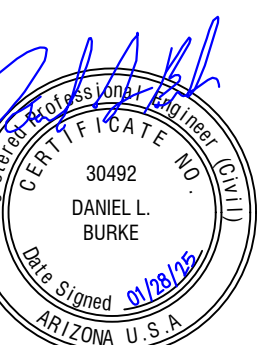


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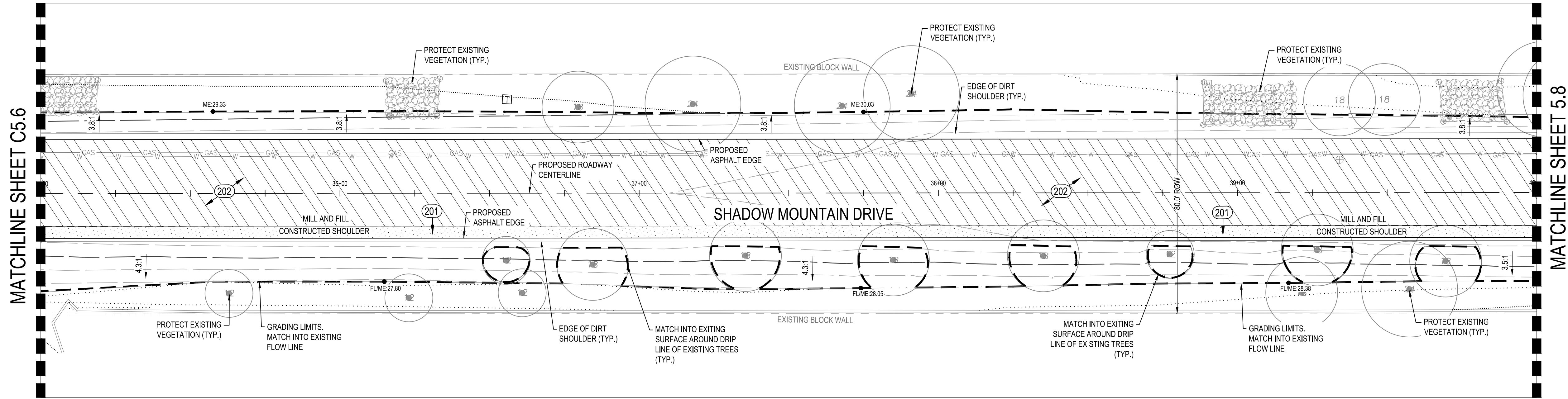
SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
ROADWAY PLAN AND PROFILE



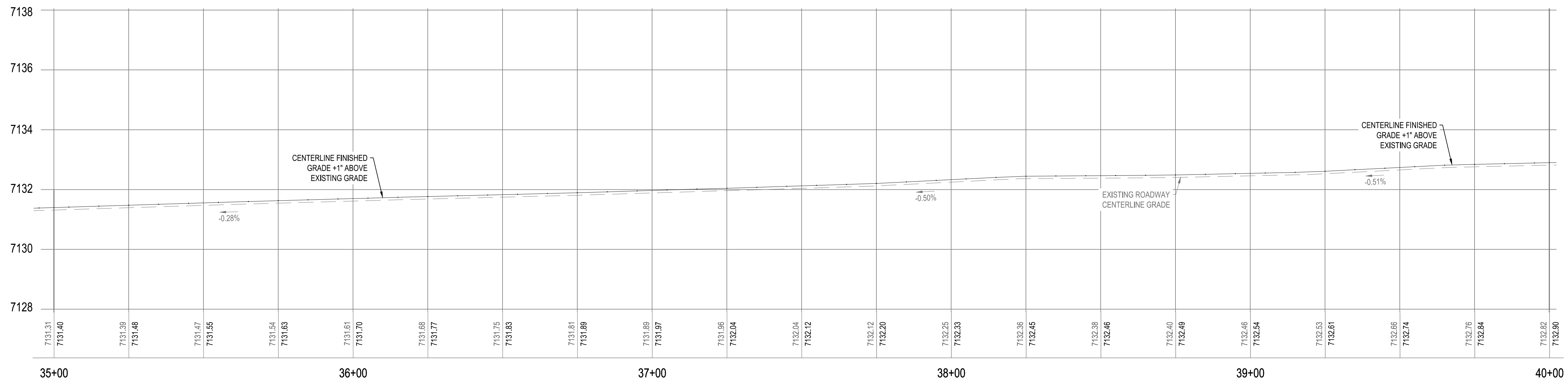
DESIGNED BY: KK, DB
DRAWN BY: KK
CHECK BY: DB, WRB
DATE: JANUARY 2025

PROJECT NO.
323015A001
SHEET
C5.6

SHADOW MOUNTAIN DRIVE
 PLAN VIEW
 STA: 35+00 - 40+00



ROAD PROFILE VIEW
 STA: 35+00 - 40+00



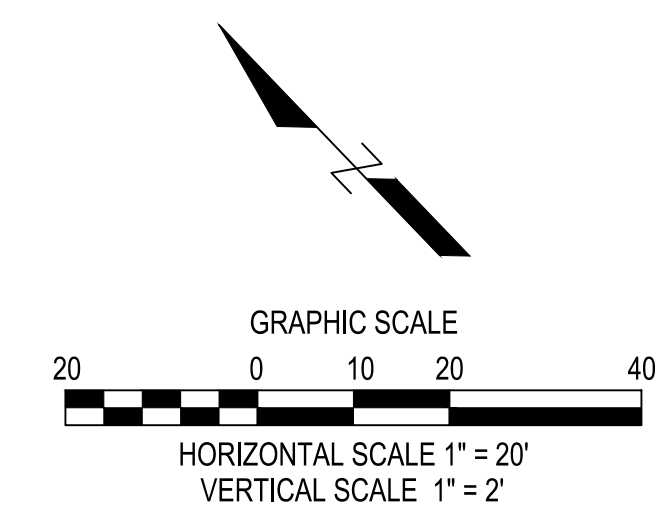
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- CLEAN CULVERTS OF ALL CONSTRUCTION DEBRIS

CONSTRUCTION NOTES

(NOTE 201) 225 SY
 NEW 4" THICK ASPHALT PAVEMENT OVER 6" THICK BASE COURSE PER
 DETAIL 2, SHEET 2.1

(NOTE 202) 1,615 SY
 INSTALL 2" OF 1/2" ASPHALT FILL WITH PG64-28TR+ BINDER.
 TRANSITIONS BETWEEN PROPOSED AND EXISTING ROAD PER
 DETAIL 7 & 8, SHEET 2.1.



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NO.	DATE	ITEM

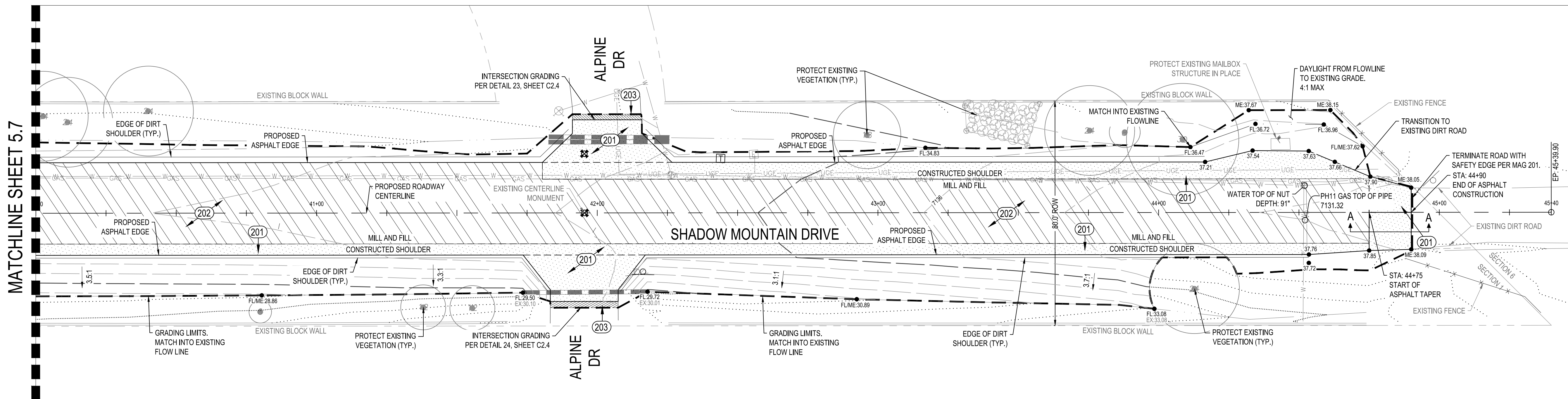
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SHADOW MOUNTAIN DRIVE
 RECONSTRUCTION
 ROADWAY PLAN AND PROFILE

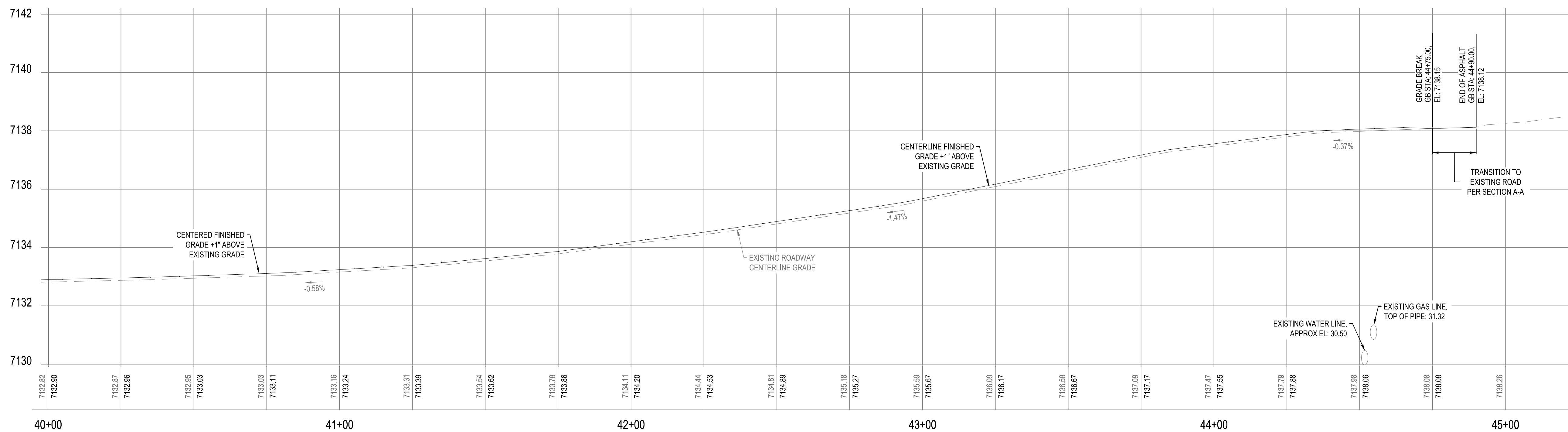
DESIGNED BY: KK, DB
 DRAWN BY: KK
 CHECK BY: DB, WRB
 DATE: JANUARY 2025

PROJECT NO.
 323015A001
 SHEET
C5.7

SHADOW MOUNTAIN DRIVE
 PLAN VIEW
 STA: 40+00 - 45+00

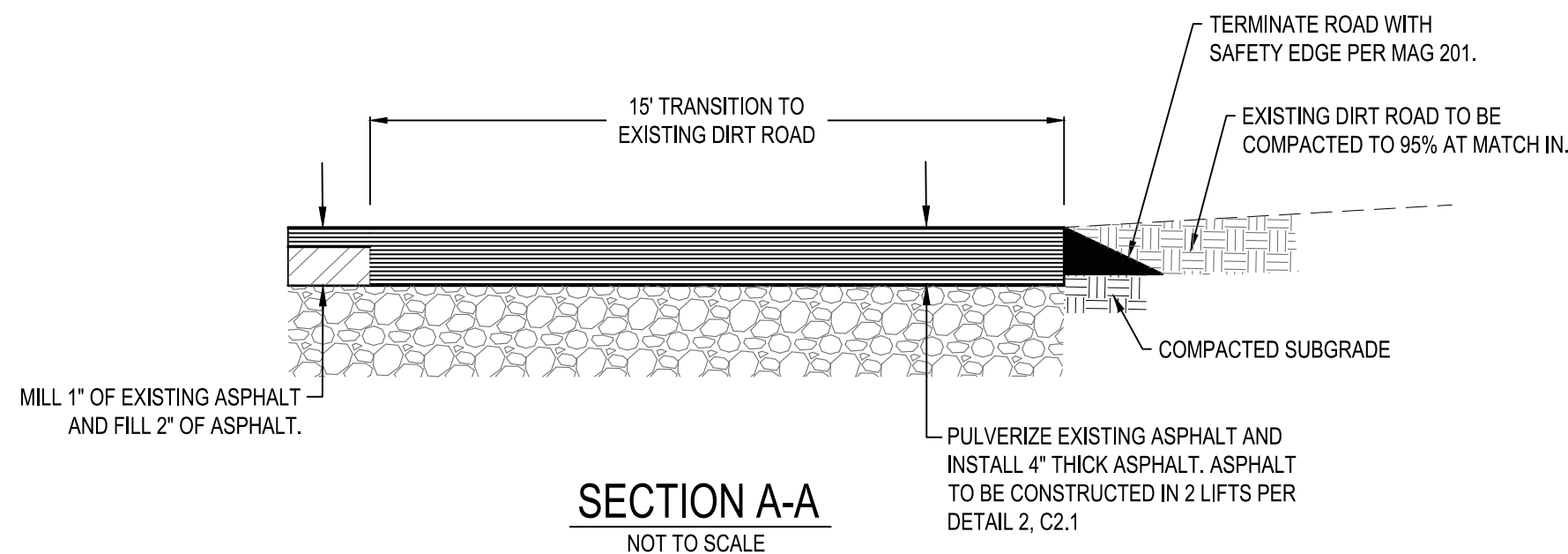


ROAD PROFILE VIEW
 STA: 40+00 - 45+00



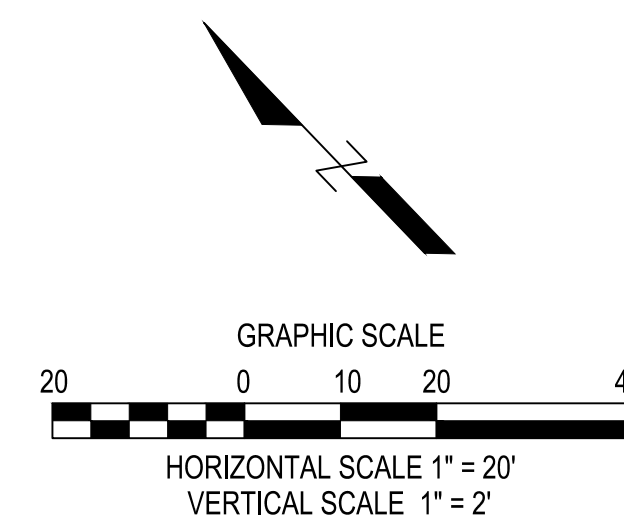
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CONSTRUCTION NOTES

- (NOTE 201) 570 SY
 NEW 4" THICK ASPHALT PAVEMENT OVER 6" THICK BASE COURSE PER DETAIL 2, SHEET 2.1
- (NOTE 202) 1,335 SY
 INSTALL 2" OF 1/2" ASPHALT FILL WITH PG64-28TR+ BINDER. TRANSITIONS BETWEEN PROPOSED AND EXISTING ROAD PER DETAIL 7 & 8, SHEET 2.1.
- (NOTE 203) 10 SY
 MILL 2" OF EXISTING ASPHALT AND INSTALL 2" OF 1/2" ASPHALT FILL WITH PG64-28TR+ BINDER. TRANSITIONS BETWEEN PROPOSED AND EXISTING ROAD PER DETAIL 9, SHEET 2.1



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SHADOW MOUNTAIN DRIVE
 RECONSTRUCTION
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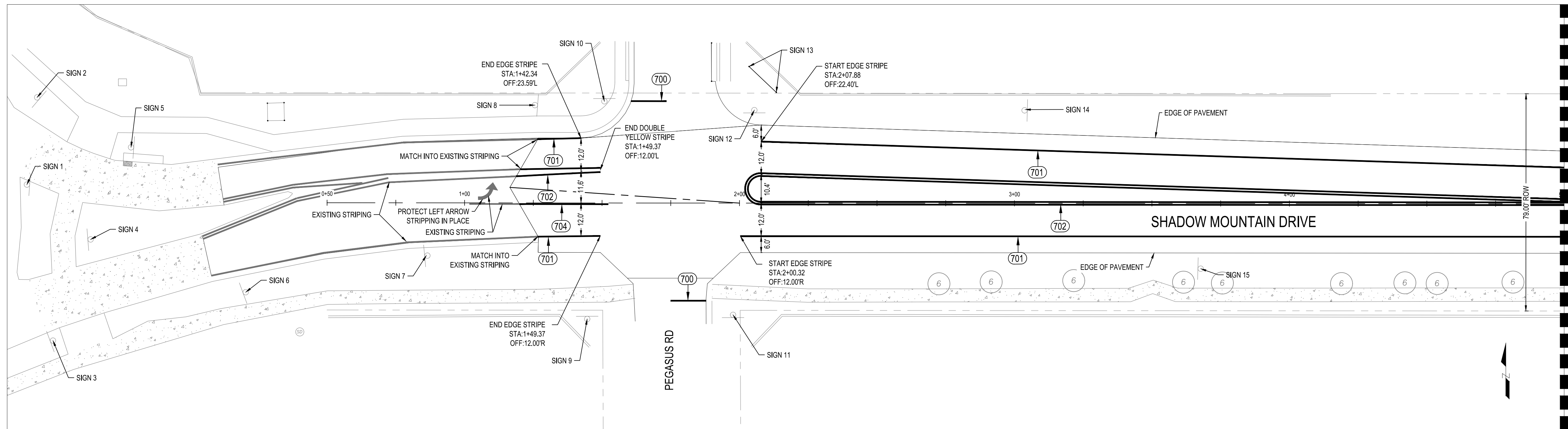


PROJECT NO.
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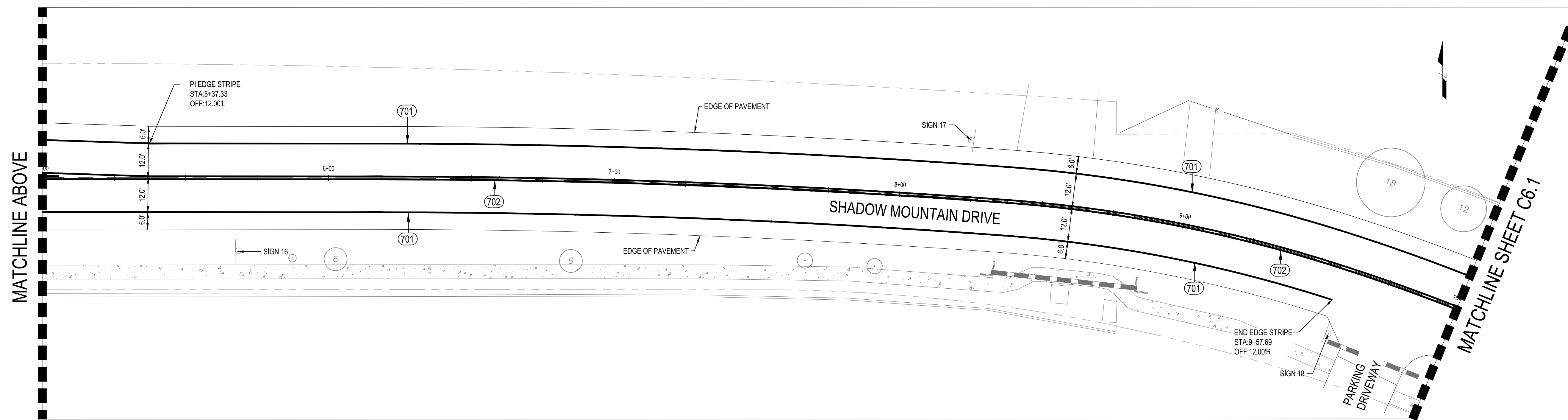
SHEET
C5.8



SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 0+50 - 5+00



SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 5+00 - 10+00



LEGEND

- EXISTING SOLID STRIPING
- EXISTING DOUBLE SOLID STRIPING
- EXISTING SIGN
- PROPOSED SOLID STRIPING
- PROPOSED DOUBLE SOLID STRIPING
- PROPOSED 24" WIDE STOP BAR

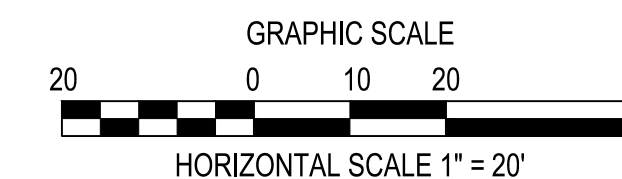
CONSTRUCTION NOTES

- (NOTE 700) 2 EA
NEW 24" WIDE STOP BAR
- (NOTE 701) 1,590 LF
NEW 6" WIDE SINGLE SOLID WHITE BIKE LANE STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.
- (NOTE 702) 1,135 LF
NEW 6" WIDE DOUBLE SOLID YELLOW STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.
- (NOTE 704) 35 LF
NEW 8" WIDE SINGLE SOLID WHITE STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.

SIGN INVENTORY

SIGN	TYPE	STATION	LEFT / RIGHT	OFFSET
1	YIELD	N/A	L	N/A
2	YIELD	N/A	L	N/A
3	CROSSWALK	N/A	R	N/A
4	SHADOW MOUNTAIN DRIVE	N/A	R	N/A
5	CROSSWALK	N/A	L	N/A
6	NO PARKING	N/A	R	N/A
7	PUT PHONE DOWN	0+86.5	R	19.2'
8	CAUTION ROUND ABOUT	1+25.5	L	35.5'
9	SHADOW MOUNTAIN AND PEGASUS DRIVE	1+44.6	R	42.2'
10	STOP	1+50.8	L	37.0'

SIGN	TYPE	STATION	LEFT / RIGHT	OFFSET
11	STOP	1+97.7	R	40.7'
12	SHADOW MOUNTAIN DR AND PEGASUS RD	2+05.4	L	33.8'
13	SHADOW MOUNTAIN VILLAGE	2+08.4	L	45.0'
14	NO PARKING	3+03.6	L	33.8'
15	NO PARKING	3+67.7	R	23.7'
16	35 MPH	5+68.4	R	25.5'
17	NO PARKING	8+23.7	L	20.4'
18	NON-COUNTY SIGN "NO TRESPASSING SEMI TRUCKS KEEP OUT"	9+60	R	23.7'



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SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
SIGN INVENTORY

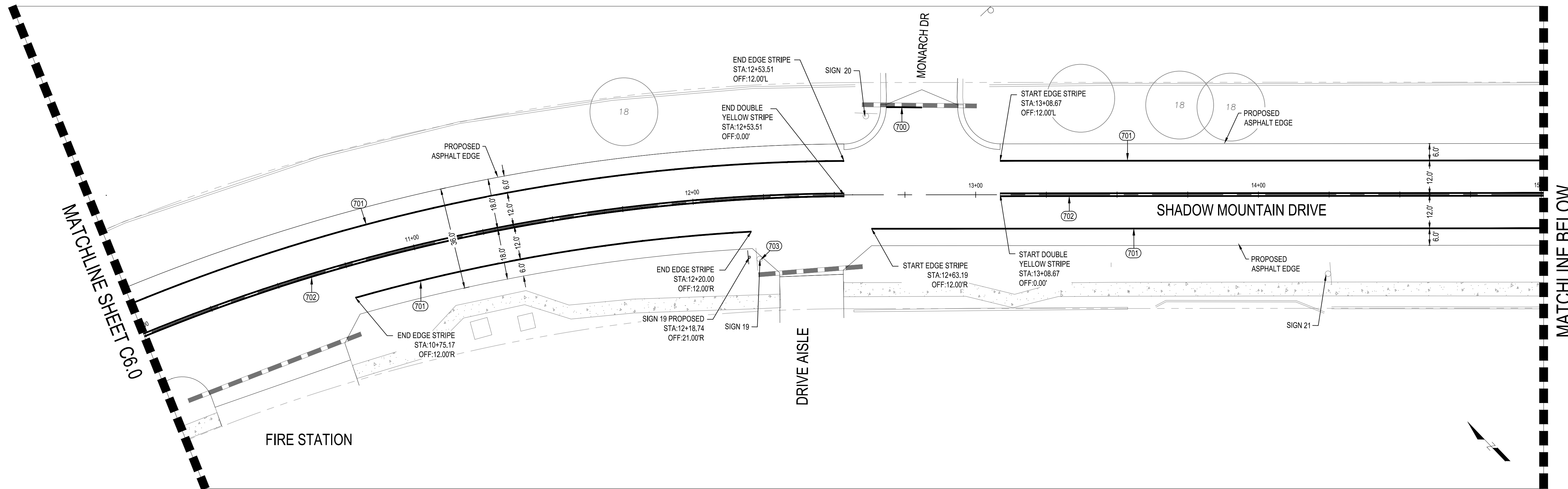


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CHECK BY: DB, WRB
DATE: JANUARY 2025

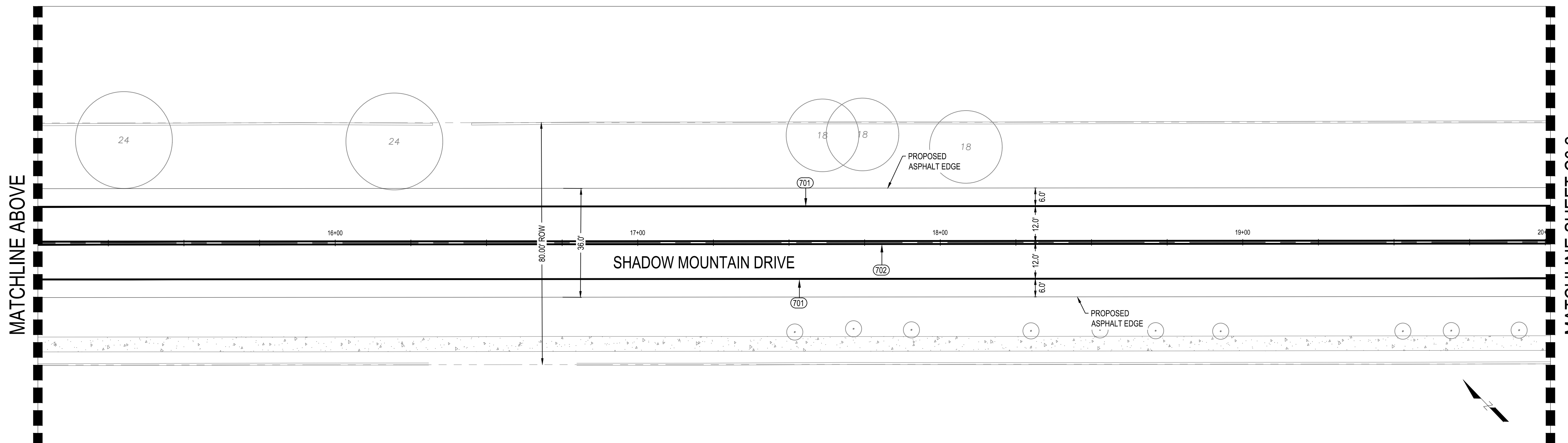
PROJECT NO.
323015A001

SHEET
C6.0

SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 10+00 - 15+00



SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 15+00 - 20+00



LEGEND

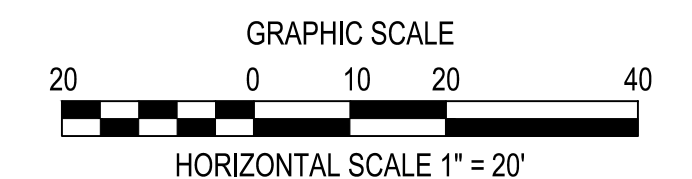
- EXISTING SOLID STRIPING
- EXISTING DOUBLE SOLID STRIPING
- EXISTING SIGN
- PROPOSED SOLID STRIPING
- PROPOSED DOUBLE SOLID STRIPING
- PROPOSED 24" WIDE STOP BAR

CONSTRUCTION NOTES

- (NOTE 700) 1 EA
NEW 24" WIDE STOP BAR
- (NOTE 701) 1,830 LF
NEW 6" WIDE SINGLE SOLID WHITE BIKE LANE STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.
- (NOTE 702) 950 LF
NEW 6" WIDE DOUBLE SOLID YELLOW STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.
- (NOTE 703) 1 EA
RELOCATE EXISTING SIGN PER COUNTY INSTRUCTIONS

SIGN INVENTORY

SIGN	TYPE	STATION	LEFT / RIGHT	OFFSET
19	NON-COUNTY SIGN "SEMI TRUCKS KEEP OUT"	12+22.5	R	21.9'
20	STOP / SHADOW MOUNTAIN AND MONARCH DRIVE	12+61.2	L	27.8'
21	NO PARKING	14+24.6	R	28.0'



100% PLANS



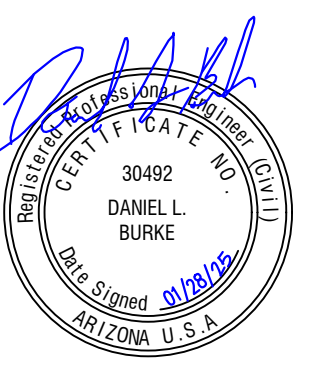
NO.	DATE	ITEM	REVISIONS

ENGINEERING • PLANNING • SURVEYING
LANDSCAPE ARCHITECTURE • URBAN DESIGN

The WLB Group, Inc.

OFFICE LOCATIONS:
TUCSON, PHOENIX, FLAGSTAFF, LAS VEGAS, NV
120 N. BEAVER STREET SUITE 100, FLAGSTAFF, AZ 86001
PH: (928) 778-1500

SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
SIGN INVENTORY

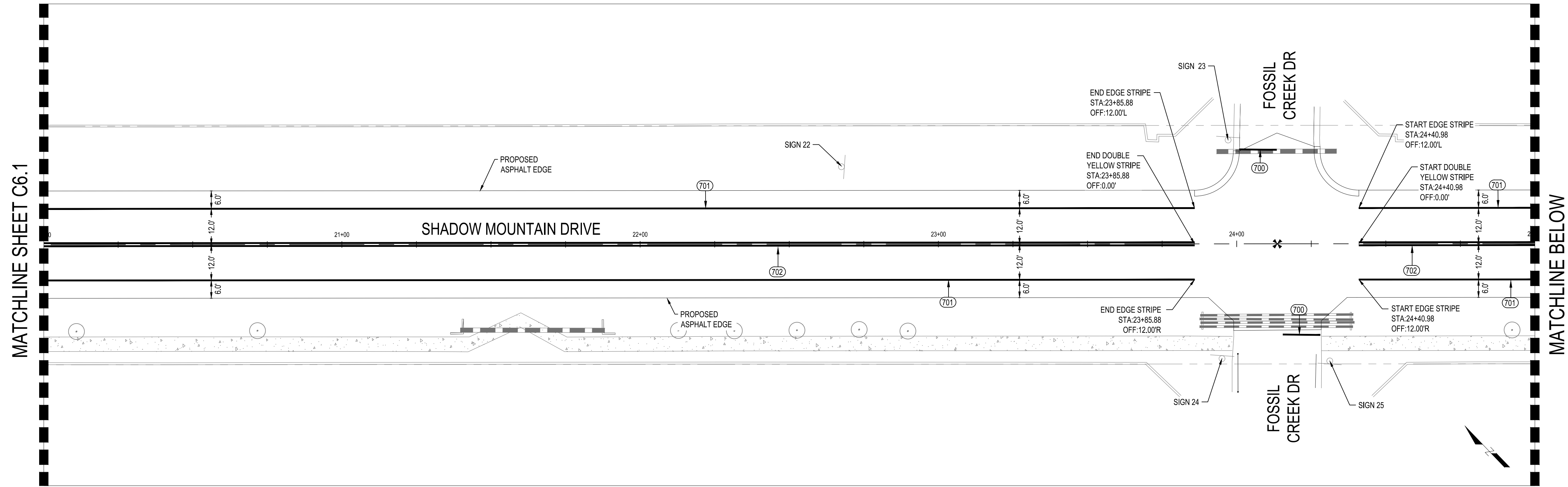


DESIGNED BY: KK, DB
DRAWN BY: KK
CHECK BY: DB, WRB
DATE: JANUARY 2025

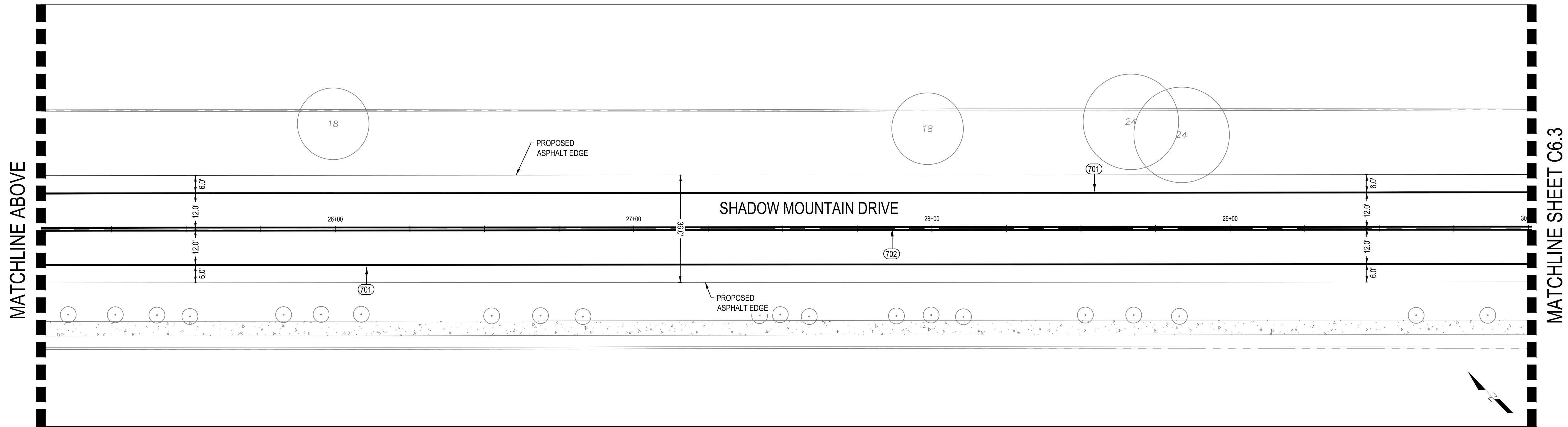
PROJECT NO.
323015A001

SHEET
C6.1

SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 20+00 - 25+00



SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 25+00 - 30+00



LEGEND

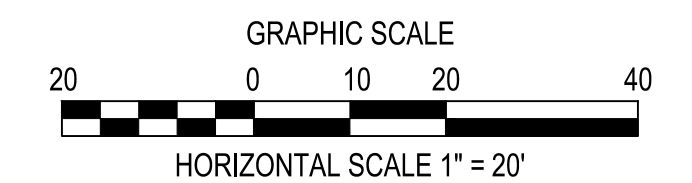
- EXISTING SOLID STRIPING
- EXISTING DOUBLE SOLID STRIPING
- EXISTING SIGN
- PROPOSED SOLID STRIPING
- PROPOSED DOUBLE SOLID STRIPING
- PROPOSED 24" WIDE STOP BAR

CONSTRUCTION NOTES

- (NOTE 700) 2 EA
NEW 24" WIDE STOP BAR
- (NOTE 701) 1,900 LF
NEW 6" WIDE SINGLE SOLID WHITE BIKE LANE STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.
- (NOTE 702) 950 LF
NEW 6" WIDE DOUBLE SOLID YELLOW STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.

SIGN INVENTORY

SIGN	TYPE	STATION	LEFT / RIGHT	OFFSET
22	NO PARKING	22+67.5	L	25.9'
23	STOP / SHADOW MOUNTAIN AND FOSSIL CREEK DRIVE	23+97.1	L	34.8'
24	SHADOW MOUNTAIN AND FOSSIL CREEK DRIVE	23+95.0	R	38.5'
25	STOP	24+31.2	R	39.3'



100% PLANS



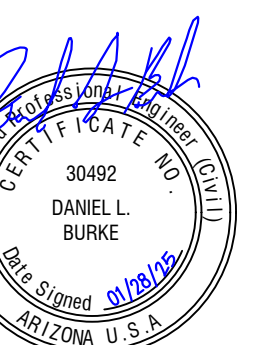
NO.	DATE	ITEM

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SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
SIGN INVENTORY

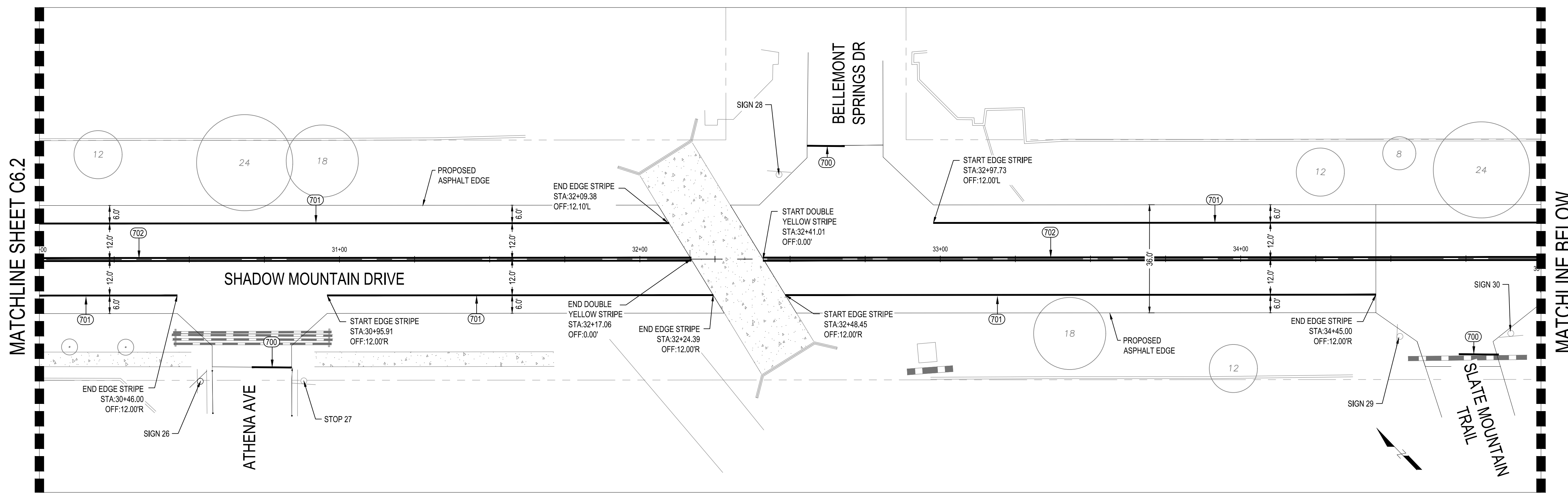


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DRAWN BY: KK
CHECK BY: DB, WRB
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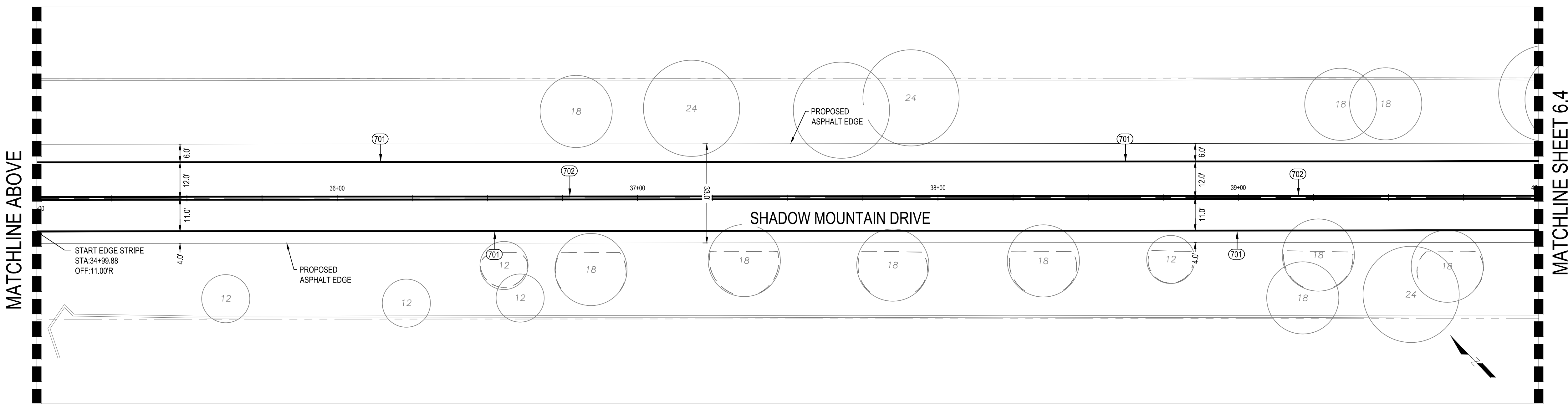
PROJECT NO.
323015A001

SHEET
C6.2

SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 30+00 - 35+00



SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 35+00 - 40+00



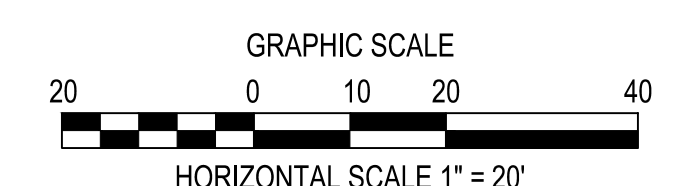
LEGEND

- EXISTING SOLID STRIPING
- EXISTING DOUBLE SOLID STRIPING
- EXISTING SIGN
- PROPOSED SOLID STRIPING
- PROPOSED DOUBLE SOLID STRIPING
- PROPOSED 24" WIDE STOP BAR

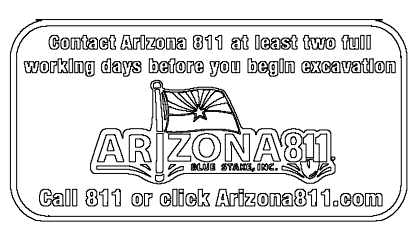
CONSTRUCTION NOTES

- (NOTE 700) 3 EA
NEW 24" WIDE STOP BAR
- (NOTE 701) 1,780 LF
NEW 6" WIDE SINGLE SOLID WHITE BIKE LANE STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.
- (NOTE 702) 975 LF
NEW 6" WIDE DOUBLE SOLID YELLOW STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.

SIGN INVENTORY				
SIGN	TYPE	STATION	LEFT / RIGHT	OFFSET
26	SHADOW MOUNTAIN AND ATHENA AVE	30+53.7	R	40.6'
27	STOP	30+88.1	R	40.5'
28	STOP / SHADOW MOUNTAIN AND BELLEFONT SPRINGS DRIVE	23+46.3	L	28.2'
29	SHADOW MOUNTAIN AND SLATE MOUNTAIN TRAIL	34+53.0	R	25.9'
30	STOP	34+89.9	R	24.9'



100% PLANS



NO.	DATE	ITEM

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PH: (928) 778-1500

SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
SIGN INVENTORY

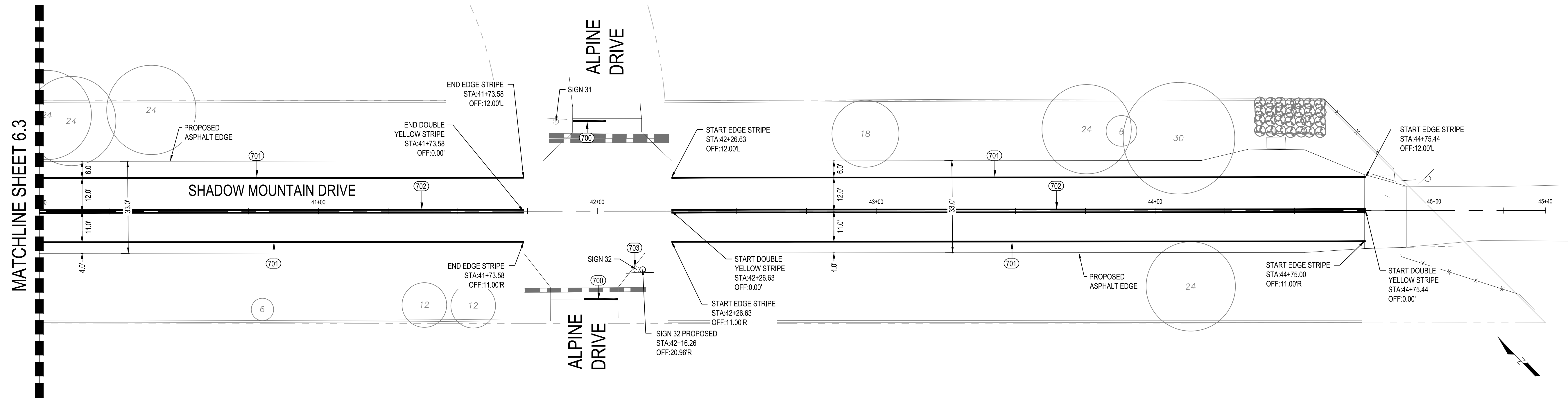


DESIGNED BY: KK, DB
DRAWN BY: KK
CHECK BY: DB, WRB
DATE: JANUARY 2025

PROJECT NO.
323015A001

SHEET
C6.3

SHADOW MOUNTAIN DRIVE
PLAN VIEW
STA: 40+00 - 45+00



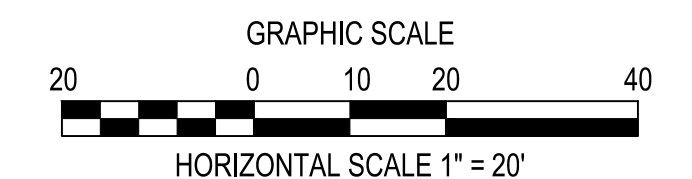
SIGN INVENTORY				
SIGN	TYPE	STATION	LEFT / RIGHT	OFFSET
31	STOP / SHADOW MOUNTAIN AND ALPINE DRIVE	41+85.2	L	32.1'
32	STOP / SHADOW MOUNTAIN AND ALPINE DRIVE	42+14.1	R	21.0'

LEGEND

- EXISTING SOLID STRIPING
- EXISTING DOUBLE SOLID STRIPING
- EXISTING SIGN
- PROPOSED SOLID STRIPING
- PROPOSED DOUBLE SOLID STRIPING
- PROPOSED 24" WIDE STOP BAR

CONSTRUCTION NOTES

- (NOTE 700) 2 EA
NEW 24" WIDE STOP BAR
- (NOTE 701) 850 LF
NEW 6" WIDE SINGLE SOLID WHITE BIKE LANE STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.
- (NOTE 702) 425 LF
NEW 6" WIDE DOUBLE SOLID YELLOW STRIPING PER SECTION 920 OF THE SPECIAL PROVISIONS.
- (NOTE 703) 1 EA
RELOCATE EXISTING SIGN PER COUNTY INSTRUCTIONS



100% PLANS



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DRAWN BY: KK
CHECK BY: DB, WRB
DATE: JANUARY 2025

PROJECT NO.
323015A001

SHEET
C6.4

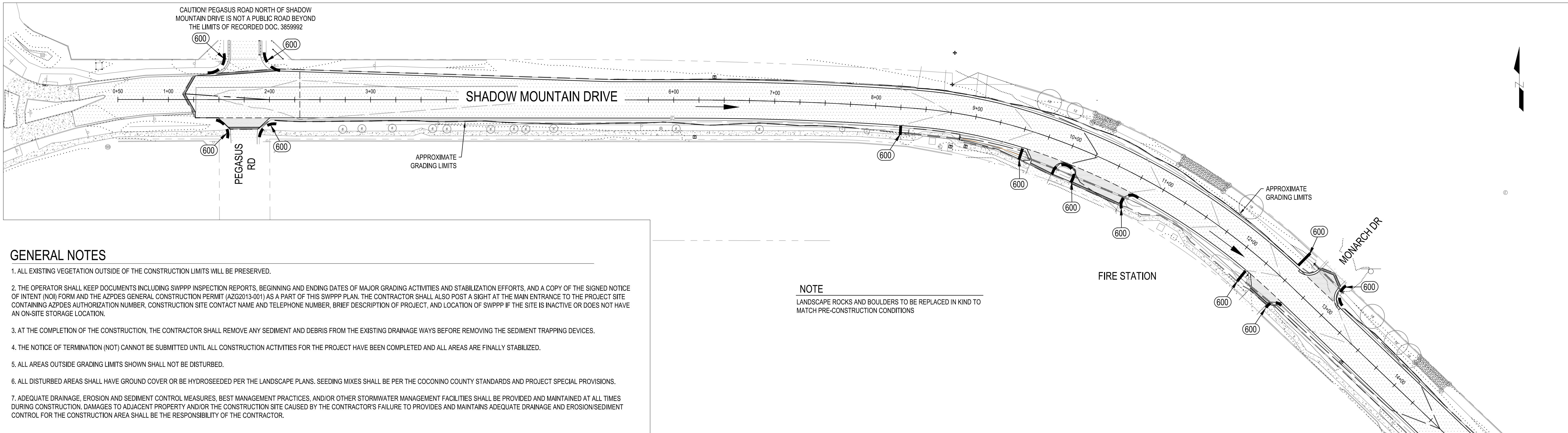
SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
SIGN INVENTORY

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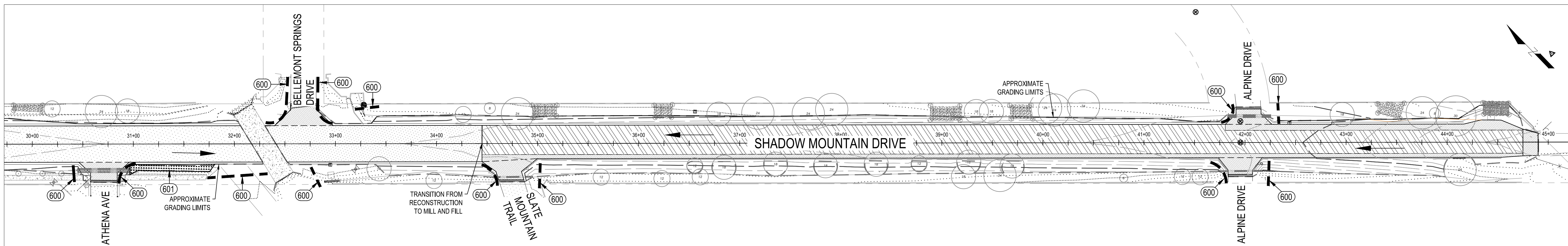
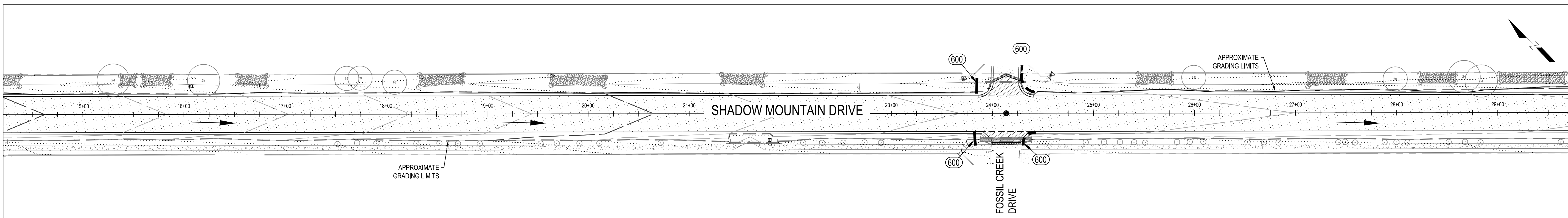
NO.	DATE	ITEM

REVISIONS



GENERAL NOTES

1. ALL EXISTING VEGETATION OUTSIDE OF THE CONSTRUCTION LIMITS WILL BE PRESERVED.
2. THE OPERATOR SHALL KEEP DOCUMENTS INCLUDING SWPPP INSPECTION REPORTS, BEGINNING AND ENDING DATES OF MAJOR GRADING ACTIVITIES AND STABILIZATION EFFORTS, AND A COPY OF THE SIGNED NOTICE OF INTENT (NOI) FORM AND THE AZPDES GENERAL CONSTRUCTION PERMIT (AZG2013-001) AS A PART OF THIS SWPPP PLAN. THE CONTRACTOR SHALL ALSO POST A SIGN AT THE MAIN ENTRANCE TO THE PROJECT SITE CONTAINING AZPDES AUTHORIZATION NUMBER, CONSTRUCTION SITE CONTACT NAME AND TELEPHONE NUMBER, BRIEF DESCRIPTION OF PROJECT, AND LOCATION OF SWPPP IF THE SITE IS INACTIVE OR DOES NOT HAVE AN ON-SITE STORAGE LOCATION.
3. AT THE COMPLETION OF THE CONSTRUCTION, THE CONTRACTOR SHALL REMOVE ANY SEDIMENT AND DEBRIS FROM THE EXISTING DRAINAGE WAYS BEFORE REMOVING THE SEDIMENT TRAPPING DEVICES.
4. THE NOTICE OF TERMINATION (NOT) CANNOT BE SUBMITTED UNTIL ALL CONSTRUCTION ACTIVITIES FOR THE PROJECT HAVE BEEN COMPLETED AND ALL AREAS ARE FINALLY STABILIZED.
5. ALL AREAS OUTSIDE GRADING LIMITS SHOWN SHALL NOT BE DISTURBED.
6. ALL DISTURBED AREAS SHALL HAVE GROUND COVER OR BE HYDROSEEDED PER THE LANDSCAPE PLANS. SEEDING MIXES SHALL BE PER THE COCONINO COUNTY STANDARDS AND PROJECT SPECIAL PROVISIONS.
7. ADEQUATE DRAINAGE, EROSION AND SEDIMENT CONTROL MEASURES, BEST MANAGEMENT PRACTICES, AND/OR OTHER STORMWATER MANAGEMENT FACILITIES SHALL BE PROVIDED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION. DAMAGES TO ADJACENT PROPERTY AND/OR THE CONSTRUCTION SITE CAUSED BY THE CONTRACTOR'S FAILURE TO PROVIDE AND MAINTAIN ADEQUATE DRAINAGE AND EROSION/SEDIMENT CONTROL FOR THE CONSTRUCTION AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



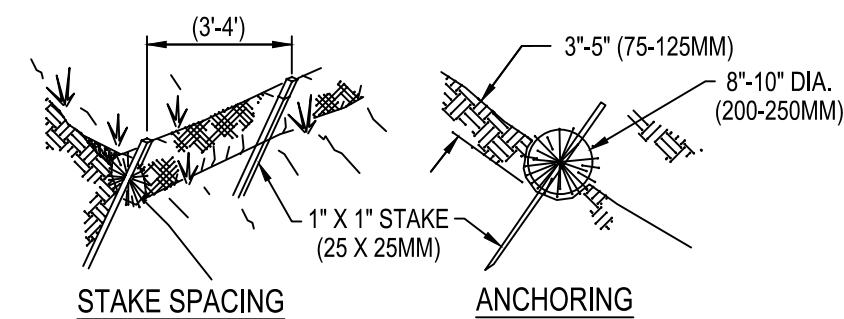
CONSTRUCTION NOTES

(NOTE 600) 705 LF
CONSTRUCT STRAW WATTLES PER DETAIL 1, THIS SHEET.

(NOTE 601) 0.0126 ACRES
HYDROSEED DISTURBED AREA. SEED MIX PER PROJECT SPECIAL PROVISIONS.

NOTES:

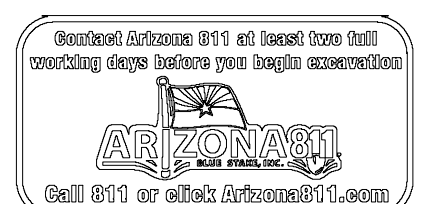
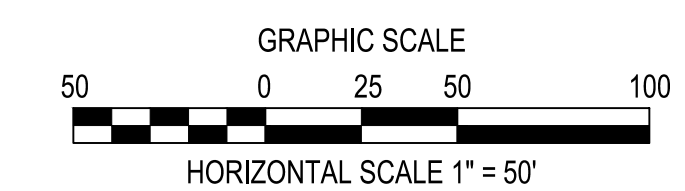
1. STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3'-5" (75-125mm) DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.
2. ADJACENT ROLLS SHALL TIGHTLY ABUT ONE ANOTHER.
3. WATTLE QUANTITY IS FOR FINAL STABILIZATION. WATTLES TO BE INSTALLED FOR SWPPP SHALL BE PAID FOR UNDER THE LUMP SUM ITEM OF SWPPP. NO ADDITIONAL PAYMENT WILL BE MADE FOR CONTRACTOR TO INSTALL OR MAINTAIN BMPs.



1 STRAW WATTLES
NOT TO SCALE

LEGEND

- DIRECTION OF FLOW
- GRADING LIMITS
- STRAW WATTLES



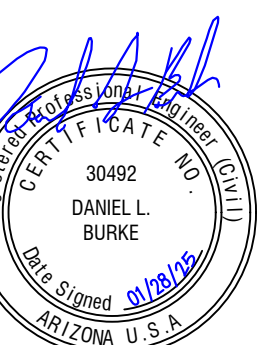
NO.	DATE	ITEM

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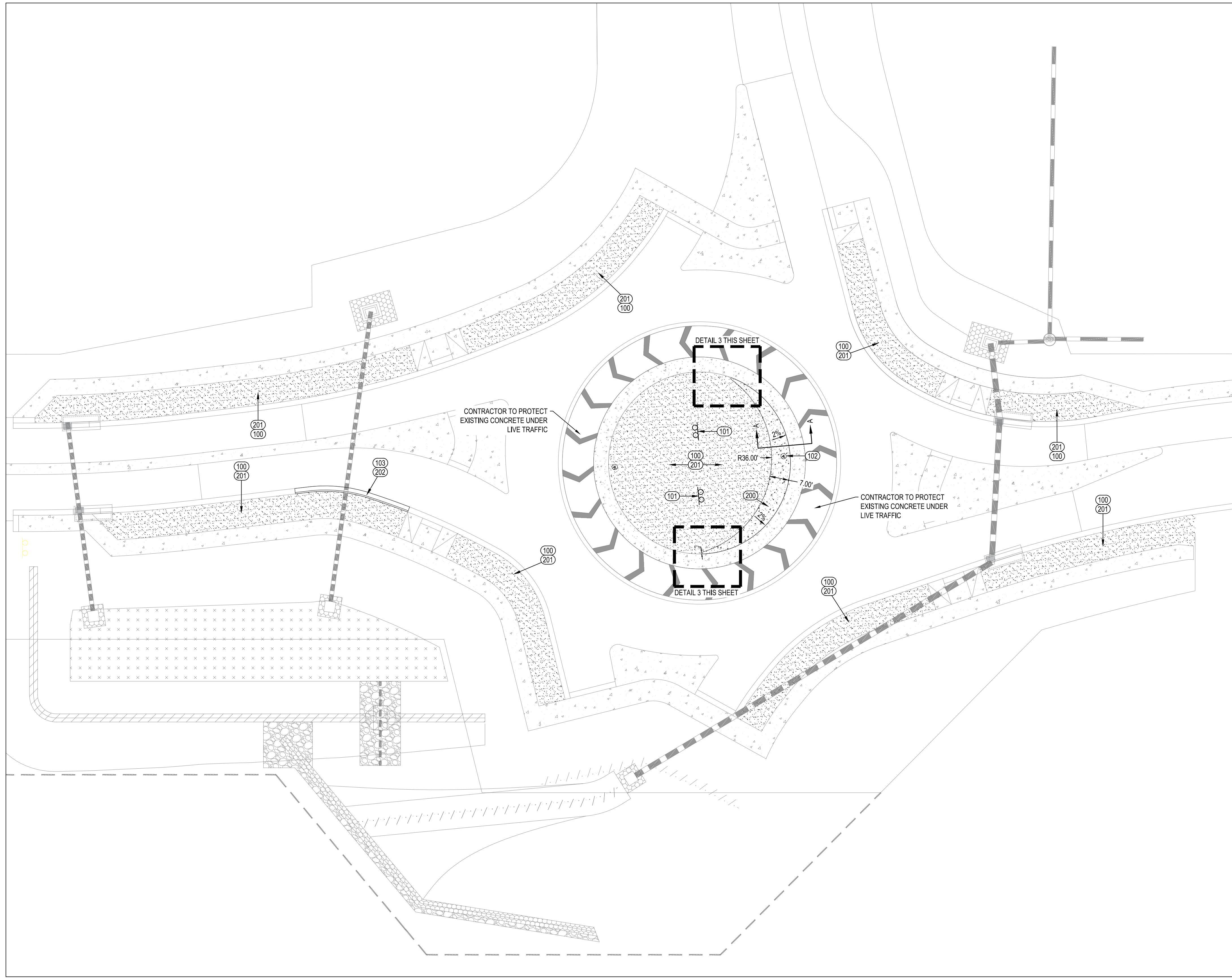
SHADOW MOUNTAIN DRIVE
RECONSTRUCTION
STORM WATER POLLUTION PREVENTION
PLAN FINAL STABILIZATION



DESIGNED BY: KK, DB
DRAWN BY: KK
CHECK BY: DB, WRB
DATE: JANUARY 2025

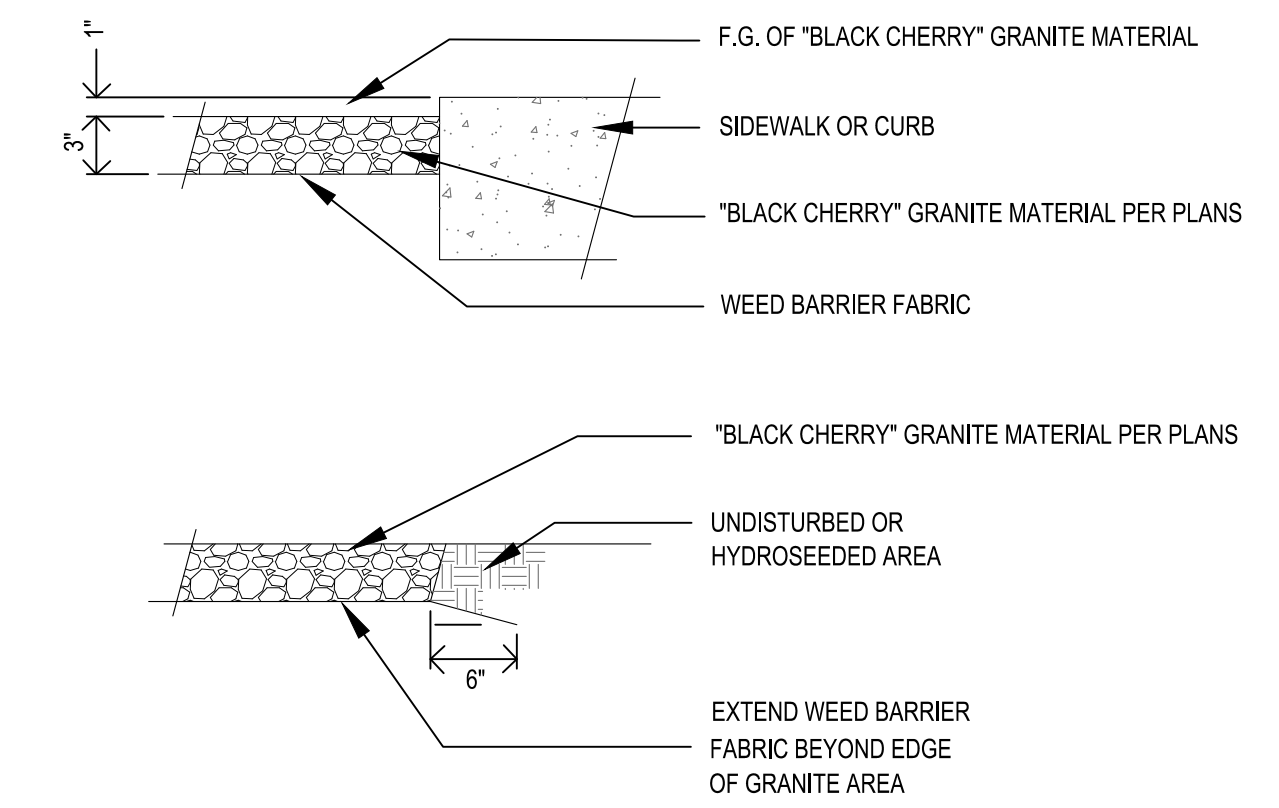
PROJECT NO.
323015A001

SHEET
C7.0



CONSTRUCTION NOTES

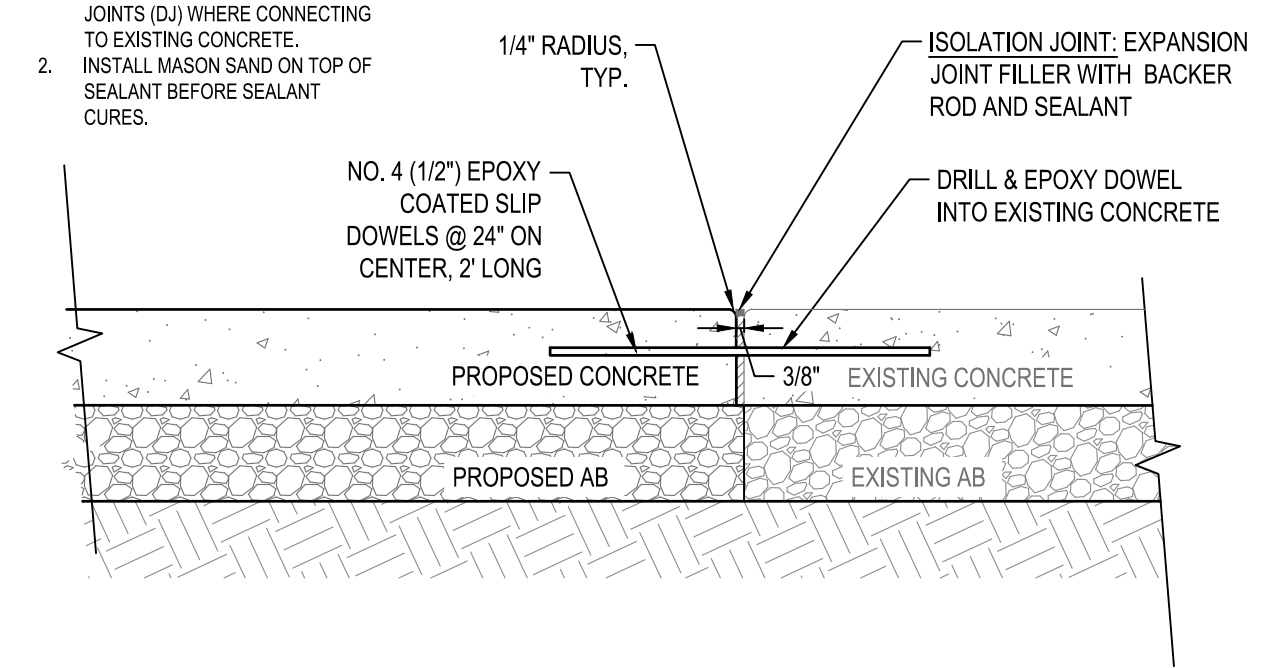
- REMOVALS:**
 (NOTE 100) 1 LS
 CLEAR AND GRUB EXISTING VEGETATION AND DEBRIS PRIOR TO CONSTRUCTION. CONTRACTOR RESPONSIBLE FOR DISPOSAL OF DISPLACED TOPSOIL.
- (NOTE 101) 1 LS
 PROTECT IN PLACE EXISTING SIGNS.
- (NOTE 102) 1 EA
 REMOVE AND DISPOSE OF EXISTING SIGN BASE.
- (NOTE 103) 43 LF
 REMOVE AND DISPOSE OF EXISTING CURB AND GUTTER TO EXTENTS SHOWN ON PLANS OR TO THE NEAREST JOINT. IF JOINT IS NOT CLEAN SAW CUT 6" PAST JOINT FOR CLEAN MATCH UP.
- SITE IMPROVEMENTS:**
 (NOTE 200) 45 SY
 NEW 8" THICK 4000 PSI HIGH-EARLY CONCRETE SLAB OVER 6" AB, WITH STEALTH FIBERMESH 300 REINFORCEMENT (2.0#/CY MIN.). CONCRETE TO INCLUDE 5%-7% AIR ENTRAINMENT. CONCRETE TO BE DARK BROWN COLORED. CONTRACTOR TO SUBMIT COLOR FOR APPROVAL BY COUNTY. SLOPE TO MATCH EXISTING TRUCK APRON. CONNECT NEW CONCRETE APRON TO EXISTING APRON WITH DOWEL CONNECTION PER DETAIL 2. THIS SHEET. SEE DETAIL 3 FOR END DIMENSION DETAIL.
- (NOTE 201) 1,096 SY
 NEW 3" DEEP, SCREENED 3/4" "BLACK CHERRY" GRANITE, WITH WEED BARRIER FABRIC (WBF) REEMAY RYPAR TYPE 3301 OR APPROVED EQUAL, PER DETAIL 1 THIS SHEET. GRANITE TO BE RAKED TO FINISHED GRADE, LIGHTLY WATERED, AND COMPACTED TO AN EXTENT SATISFACTORY TO THE ENGINEER. PRE-EMERGENT HERBICIDE SHALL BE APPLIED PRIOR TO PLACEMENT OF WBF.
- (NOTE 202) 43 LF
 NEW TYPE 'A' CURB AND GUTTER PER MAG DTL 220. CONCRETE TO BE 4000 PSI WITH STEALTH FIBERMESH WITH STEALTH FIBERMESH 300 REINFORCEMENT (2.0#/CY MIN.).



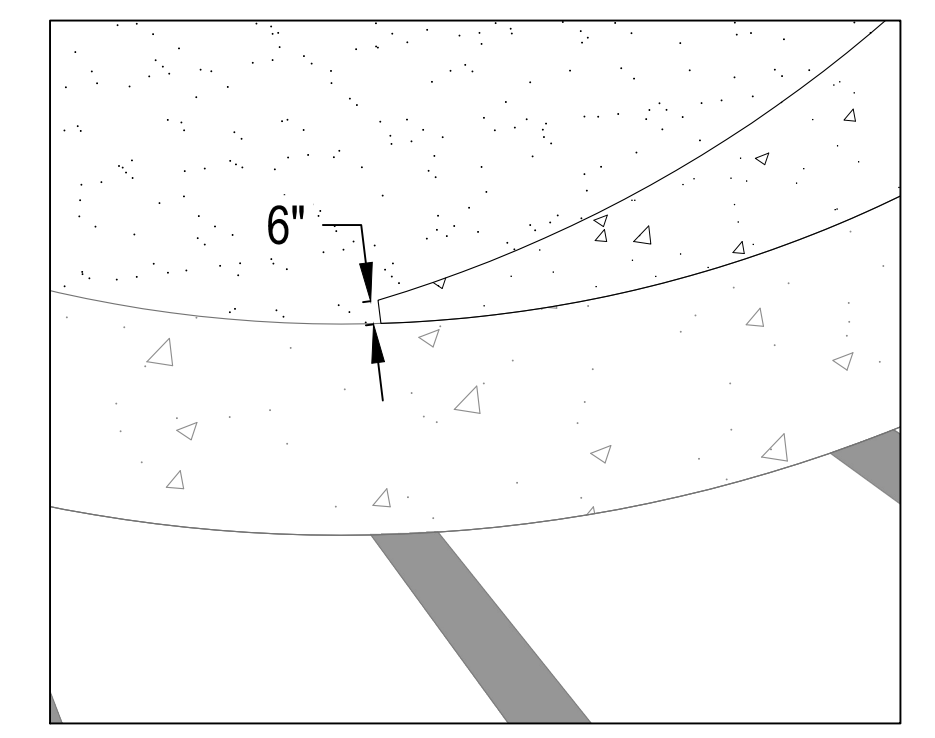
1 GRANITE INSTALLATION
 NOT TO SCALE

NOTES:

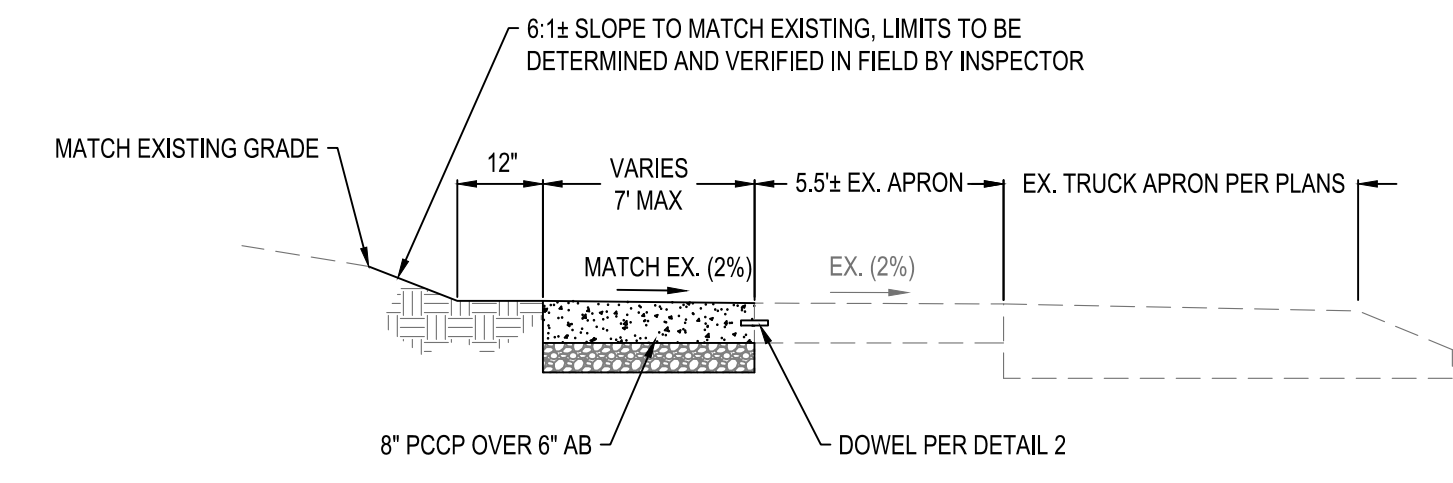
1. PROVIDE DOWELED ISOLATION JOINTS (DI) WHERE CONNECTING TO EXISTING CONCRETE.
2. INSTALL MASON SAND ON TOP OF SEALANT BEFORE SEALANT CURES.



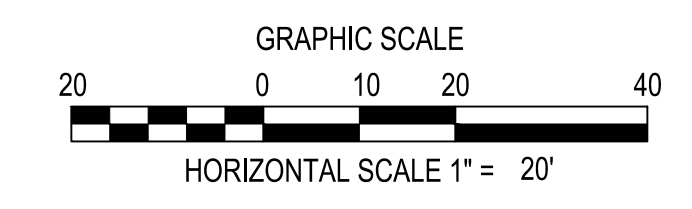
2 DOWELED JOINT TO EXISTING CONCRETE
 NOT TO SCALE



3 TYPICAL TRUCK APRON END DETAIL
 1"=5"



CROSS-SECTION A-A
 NOT TO SCALE



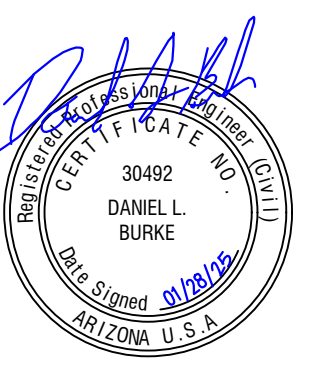
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SHADOW MOUNTAIN DRIVE
 RECONSTRUCTION
 ROUNDABOUT
 LANDSCAPE PLAN



DESIGNED BY: KK, DB
 DRAWN BY: KK
 CHECK BY: DB, WRB
 DATE: JANUARY 2025

PROJECT NO.
 323015A001

SHEET
 L1.0

