

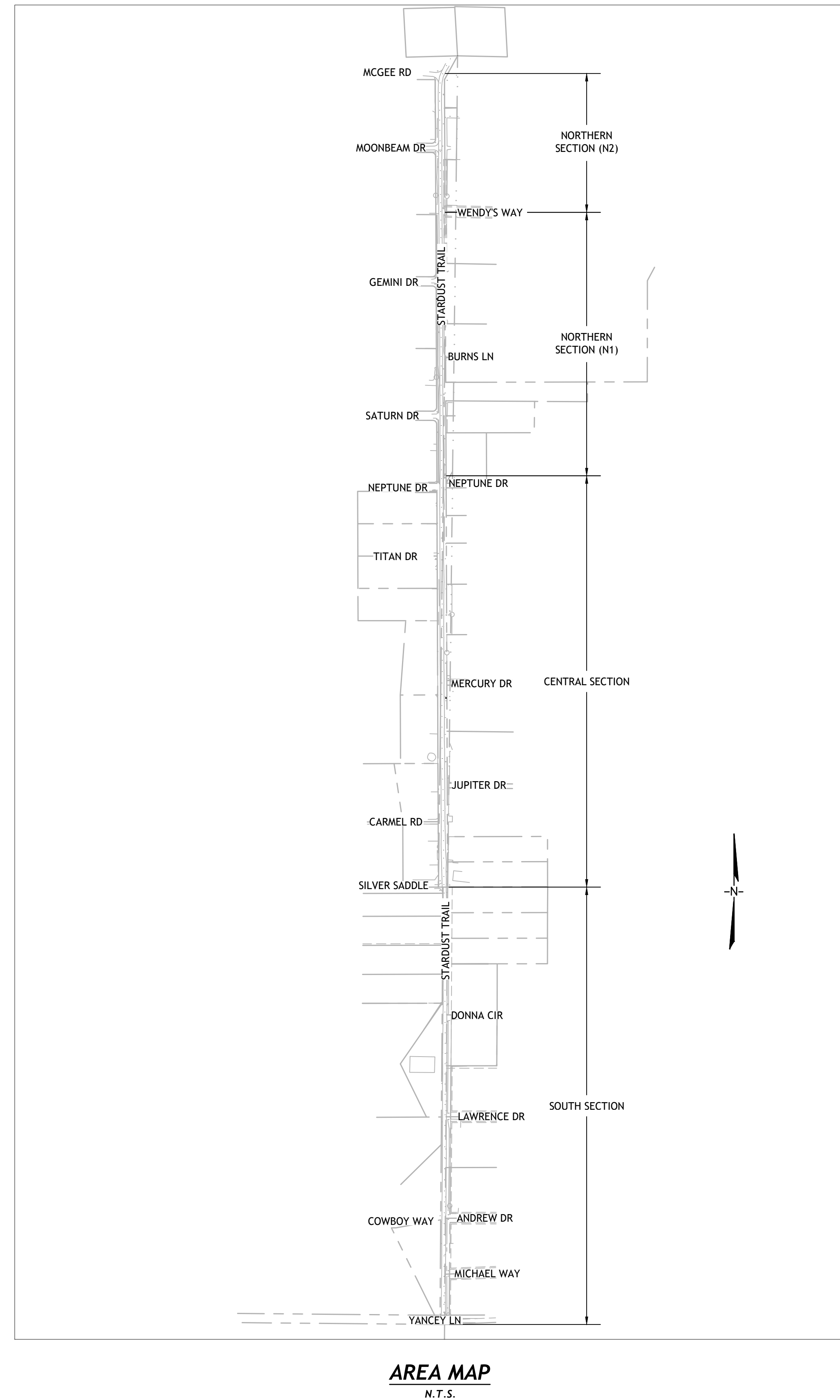
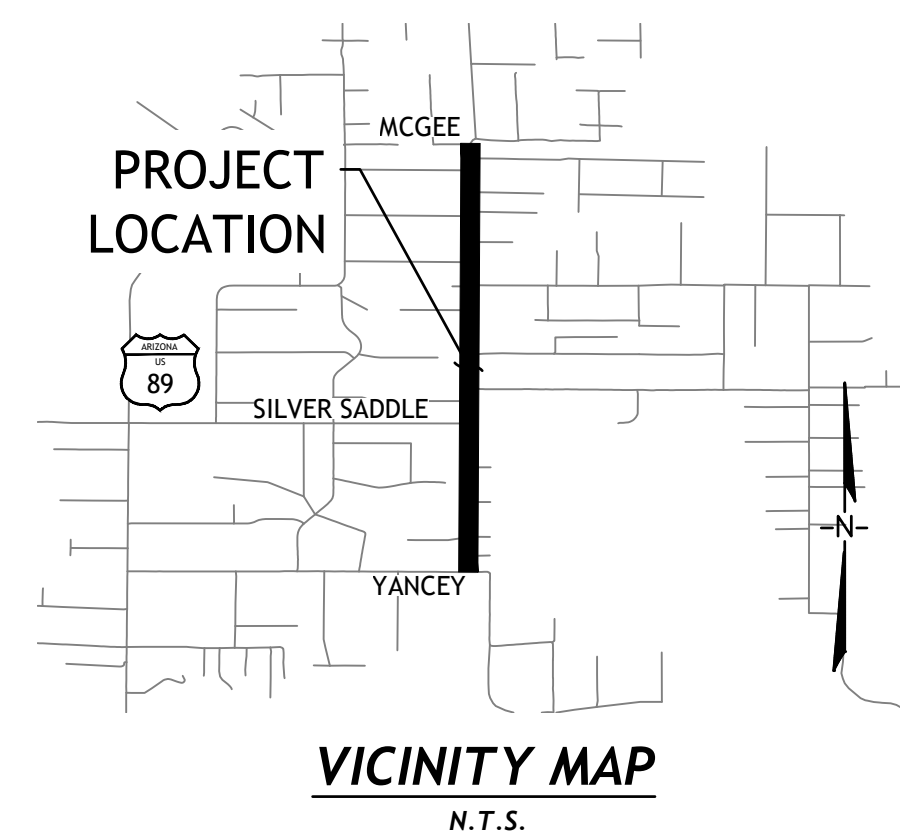
***COCONINO COUNTY PUBLIC WORKS
STARDUST TRAIL RECONSTRUCTION***

FLAGSTAFF, AZ

T22N, R08E, NE CORNER OF SW QUARTER SECTION OF SECTION 23

CIVIL IMPROVEMENTS SHEET INDEX

C1.0	COVER
C1.1	NOTES & LEGEND
C1.2-C1.3	DETAILS
C2.0-C2.8	PLAN & PROFILE



OWNER

Coconino County Public Works
5600 E. Commerce Ave
Flagstaff, AZ 86004-2935
Contact: Charlie Wilson, P.E.
Phone: (928) 606-8813

CIVIL ENGINEER

Peak Engineering, Inc.
201 E. Birch Ave, Suite 3
Flagstaff, AZ 86001
Contact: Caleb Lanting, P.E.
Phone: (928) 774-4046

COCONINO COUNTY APPROVALS

COUNTY ENGINEER _____ DATE _____

UTILITY ACKNOWLEDGEMENTS

LUMEN (CENTURYLINK)	DATE
---------------------	------

UNISOURCE ENERGY DATE _____

APS
DATE

ALTICE (OPTIMUM) DATE

Contact Arizona 811 at least two full working days before you begin excavation

ARIZONA811
ONE CALL BEFORE YOU DIG

Call 811 or click Arizona811.com

[illegible]

201 E BIRCH AVE. SUITE 3
Flagstaff, AZ 86001
(928) 774-4046



Preliminary
Not For
Construction

**COCONINO COUNTY PUBLIC WORKS
STARDUST TRAIL RECONSTRUCTION
COVER**

C1.0

JOB NO: 23CC01	BY: CBW/DCW
DATE: NOV 2023	CHECKED: CAL

60% DESIGN

The work shall be done in accordance with the most current edition(s) of the following specifications and these plans.

- It is the Contractor's responsibility to obtain copies of the above Standards, Specifications and Details as well as all other standards and specifications referenced by or necessary for interpreting these plans.

The Contractor is not 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.

PERMITS. The Contractor is responsible for determining what permits are required for the work and obtaining, at his own expense, the permits required unless otherwise noted in the Special Provisions. Permitting includes compliance with the Arizona Department of Environmental Quality (ADEQ) Arizona Pollutant Discharge Elimination System (AZPDES) Construction General Permit. The Contractor is responsible for filing a Notice of Intent (NOI) and Notice of Termination (NOT) in accordance with AZPDES requirements.

UTILITIES. Underground utilities shown are approximate and were determined from field measurements, construction plans, record plans, or utility maps furnished by others. The Contractor is responsible for determining the actual locations of all underground lines that may affect the work. The Contractor is responsible for notifying appropriate utility companies prior to construction commencing. The number to call is 811. The Contractor shall allow 2 working days after 811 is notified before starting any excavation work in the proximity of buried utilities.

Where the plans call for connecting new structures to existing underground pipes or structures, the Contractor is responsible for determining the exact sizes, types and locations of existing underground improvements and furnishing the materials necessary for making the required connections.

At least 48 hours prior notice is required before disrupting utility service to make connections. The notice must include the exact time of disruption and the expected duration of loss of service.

QUANTITIES. The quantities shown are approximate. The Contractor is responsible for independently estimating work quantities prior to bidding.

TRAFFIC CONTROL. The Contractor is responsible for providing any necessary traffic control devices for vehicle, bicycle and pedestrian traffic affected by the construction.

STORMWATER MANAGEMENT. Adequate drainage, erosion and sediment control measures, best management practices (BMPs), and/or other stormwater management facilities shall be provided and maintained at all times during construction. The Contractor is responsible for damages to adjacent property and/or the construction site caused by his or her failure to provide and maintain adequate drainage and erosion/sediment control for the construction area.

Refer to the AZPDES Construction General Permit and ADEQ website for guidance, BMPs and reporting requirements: <http://www.azdeq.gov/node/524>

The latest version of Coconino County's General Notes can be found on the Coconino County Public Works website. These notes may be periodically updated by the County. At the time of the publication of these Standards they were as follows:

1. Exact point of matching termination and overlay, if necessary, shall be determined in the field by the County Engineer or his/her designee.
2. No job will be considered complete until:
 - a. All curbs, pavements, sidewalks, ditches, and manholes have been cleaned of all dirt and debris.
 - b. Survey monuments are installed and stamped.
 - c. All frames, covers, and valve boxes are adjusted to grade.
3. No paving construction shall be started until all utility lines under proposed paved area are completed and approved.
4. 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/her designee.
5. The location of all water valves, fire hydrants, and manholes must at all times during construction be referenced and made accessible to the County.
6. 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.
7. Existing street and traffic signs will be maintained during construction and relocated by the permittee as directed by the County Engineer or his/her designee.
8. All concrete, curb, curb & gutter, curb ramps, etc. shall be placed on a minimum of 3" ABC.

A note on Basis of Bearing and Coordinate System:

Linear Unit: International Foot
Geodetic Datum: North American Datum 1983
System: Arizona State Plane Coordinate (SPCS 83 AZ C, 202

Projection: Transverse Mercator
Latitude of grid origin: 31° 00' 00" N
Longitude of Central Meridian: 111° 55' 00" W
Northing at grid origin: 0.000 ft
Easting at Central Meridian: 700,000.000 ft.
Central Meridian Scale Factor: 0.9999 (exact)

All distances and bearings shown hereon are grid values based on the preceding projection definition.

The Basis of Bearings is Geodetic North based on GPS measurements. These bearings have been rotated to grid for the Arizona Central State Plane Zone. All bearings and distances shown on this map are grid per the preceding definition.

DATUM: The Vertical Datum for this project is NAVD88 as established via GPS measurements. Local TBMs are shown and labeled hereon.

Include in future submitta

AC	ASPHALTIC CONCRETE PAVEMENT
ACP	ASBESTOS CEMENT PIPE
APN	ASSESSORS PARCEL NUMBER
BC	TOP BACK OF CURB
BFP	BACKFLOW PREVENTER
BP	BEGIN POINT ALIGNMENT
CCPR	COCONINO COUNTY PARKS & RECREATION
C&G	CURB & GUTTER
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
COF	CITY OF FLAGSTAFF
E	EASTING
EG	EXISTING GRADE
EL - ELEV	ELEVATION
EP	END POINT ALIGNMENT
EX	EXISTING
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
GB	GRADE BREAK
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
LEN	LENGTH
LT - L	LEFT
MAG	MARICOPA ASSOCIATION OF GOVERNMENTS
MAX	MAXIMUM
ME	MATCH EXISTING
MIN	MINIMUM
N	NORTHING
NA	NOT APPLICABLE
OF5	OFFSET
PCCP	PORTLAND CEMENT CONCRETE PAVEMENT
RAD - R	RADIUS
RCP	REINFORCED CONCRETE PIPE
ROW - R/W	RIGHT OF WAY
R&R	REMOVE & REPLACE
RT - R	RIGHT
SD	STORM DRAIN
SS	SANITARY SEWER
STA	STATION
SW	SIDEWALK
WL	WATER LINE
WM	WATER METER
WV	WATER VALVE

EXISTING

MAJOR CONTOUR
MINOR CONTOUR
PARCEL
RIGHT-OF-WAY
CENTER
EASEMENT
WATER LINE
SEWER LINE
GAS LINE
ELECTRIC LINE
COMMUNICATION LINE
STORMDRAIN/CULVERT
FLOWLINE
FENCE

TREE (APPROXIMATE LOCATION)

WATER VALVE
FIRE HYDRANT
SEWER MANHOLE
SEWER CLEANOUT
GAS VALVE
ELECTRICAL CABINET
LIGHT POLE
COMMUNICATION RISER
STORM DRAIN MANHOLE
CATCH BASIN
BOLLARD/POST
SIGN
SURVEY CONTROL

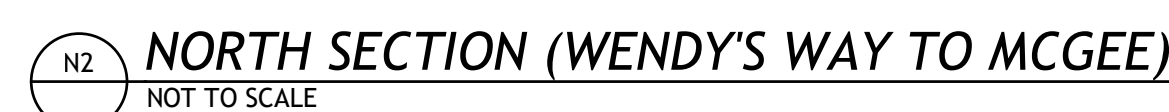
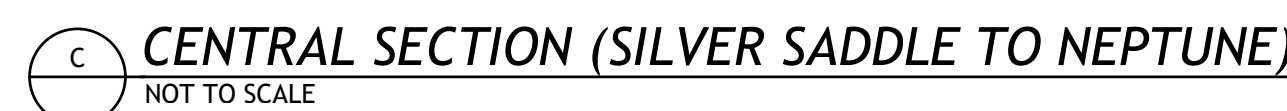
ASPHALT

CONCRETE

GRAVEL DIRT ROAD

5" AC/4" ABC (BASE BID)
4" AC / 5" ABC (BASE BID)
5" AC / 1.5" PULVERIZED (BASE BID)
4" AC / 7" STABILIZED BASE (ALT. BID)
4" AC / 7" STABILIZED BASE (ALT. BID PAVED SHOULDERS)
1" MILL / 2" OVERLAY (BASE BID)
FOG SEAL & CRACK SEAL (BASE BID)
TEMP. CONSTRUCTION EASEMENT
FULL DEPTH CRACK REPAIR

[illegible]



- 1 BASE BID: 5" AC / 4" ABC PER DETAIL 1.
- 1a ALTERNATE BID: 4" AC / 7" STABILIZED BASE PER DETAIL 1a.
- 2 5" AC / 1.5" PULVERIZED MILLINGS PER DETAIL 2
- 2a ALTERNATE BID: 4" AC / 7" STABILIZED BASE PER DETAIL 2a
- 3 1" MILL / 2" OVERLAY (COF 1/2" MIX, PG 64-28 PER SPECIFICATIONS)
- 5 4" AC / 5" ABC PER DETAIL 5.
- 6 FOG SEAL AND CRACK SEAL PER SPECIFICATIONS.
- 7 WHITE LANE STRIPE



- 1 2" ASPHALTIC CONCRETE; COF 1/2" MIX, PG 64-28 PER
SPECIFICATIONS.
2 3" ASPHALTIC CONCRETE; COF 3/4" MIX, PG 64-28 PER SPECS.
3 BITUMINOUS TACK COAT PER PROJECT SPECS.
4 4" AGGREGATE BASE COURSE.
5 SUBGRADE PREPARATION PER GEOTECH REPORT



- 1 2" ASPHALTIC CONCRETE; COF 1/2" MIX, PG64-28 PER SPECIFICATIONS
2 3" ASPHALTIC CONCRETE; COF 3/4" MIX, PG64-28 PER SPECS.
3 BITUMINOUS TACK COAT PER PROJECT SPECS.
4 1.5" * PULVERIZE EX. MILLING, GRADE AND COMPACT.
5 UNDISTURBED MILLINGS



- 1 2" ASPHALTIC CONCRETE; COF 1/2" MIX, PG64-28 PER SPECIFICATIONS.
2 2" ASPHALTIC CONCRETE; COF 1/2" MIX, PG64-28 PER SPECS.
3 BITUMINOUS TACK COAT PER PROJECT SPECS.
4 5" AGGREGATE BASE COURSE.
5 SUBGRADE PREPARATION PER GEOTECH REPORT

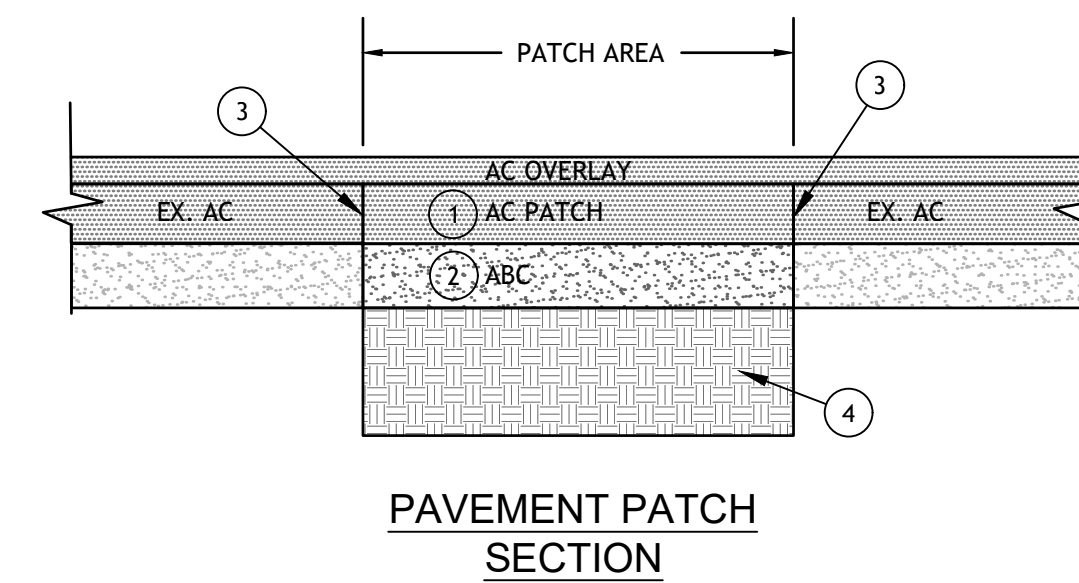
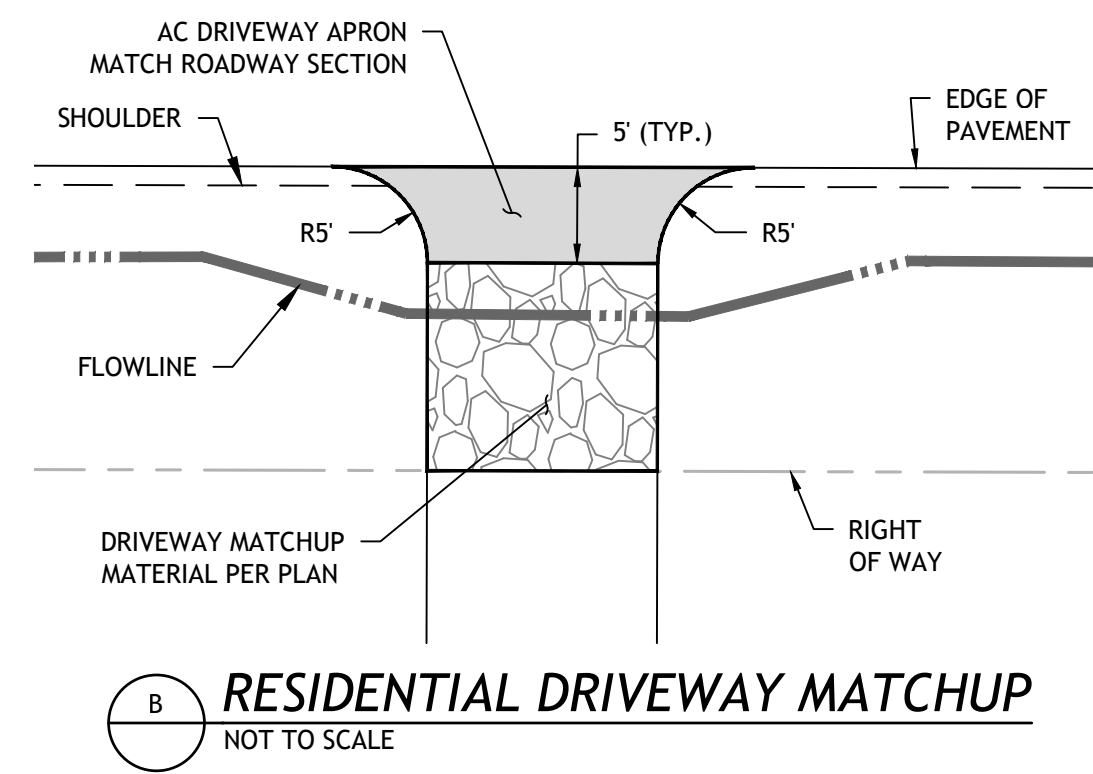
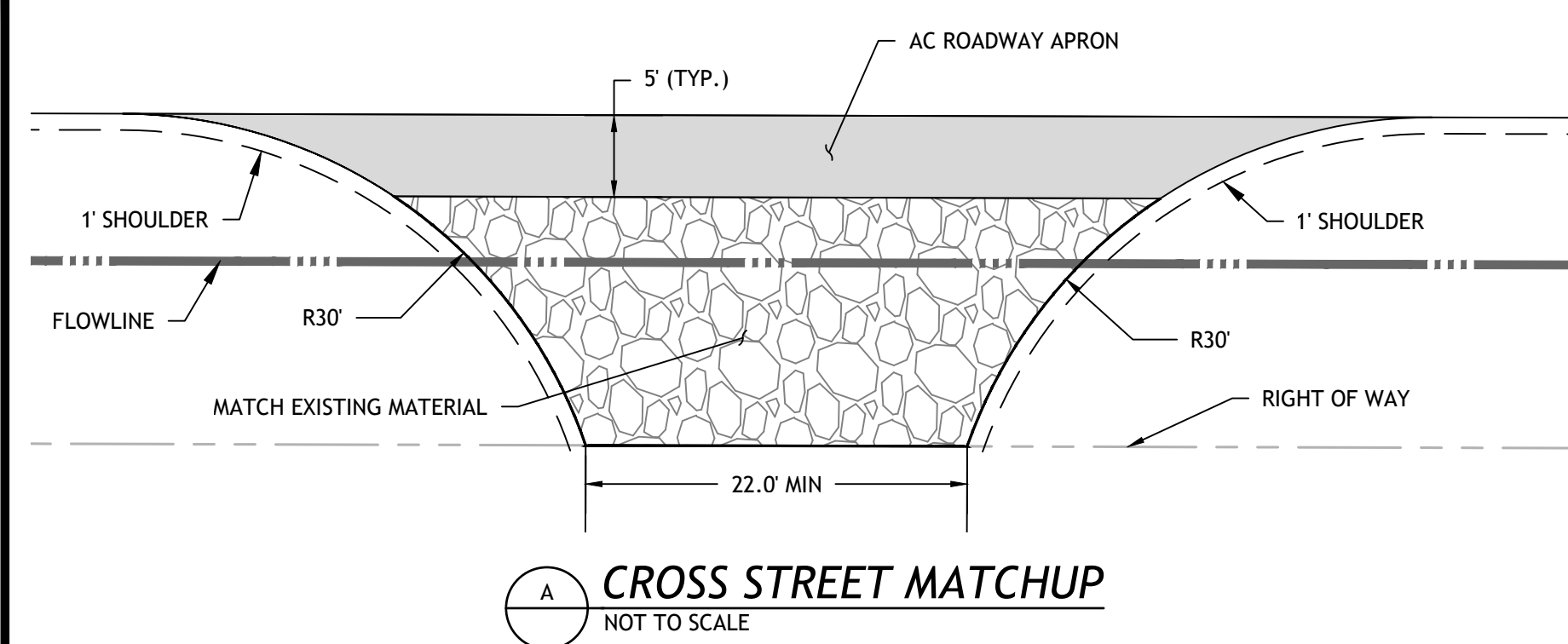


- 1 2" ASPHALTIC CONCRETE; COF 1/2" MIX, PG64-28 PER SPECIFICATIONS.
- 2 2" ASPHALTIC CONCRETE; COF 1/2" MIX, PG64-28 PER SPECS.
- 3 BITUMINOUS TACK COAT PER PROJECT SPECS.
- 4 7" BASE. BASE INCLUDES A BLEND OF MILLINGS FROM MILLED PORTIONS OF THE PROJECT, NEW ABC, NATIVE MATERIAL, AND STABILIZER. FINAL DESIGN PER STABILIZER MANUFACTURER. STRUCTURAL SECTION TO ACCOMMODATE GREATER THAN 80 ESAL PER DAY.



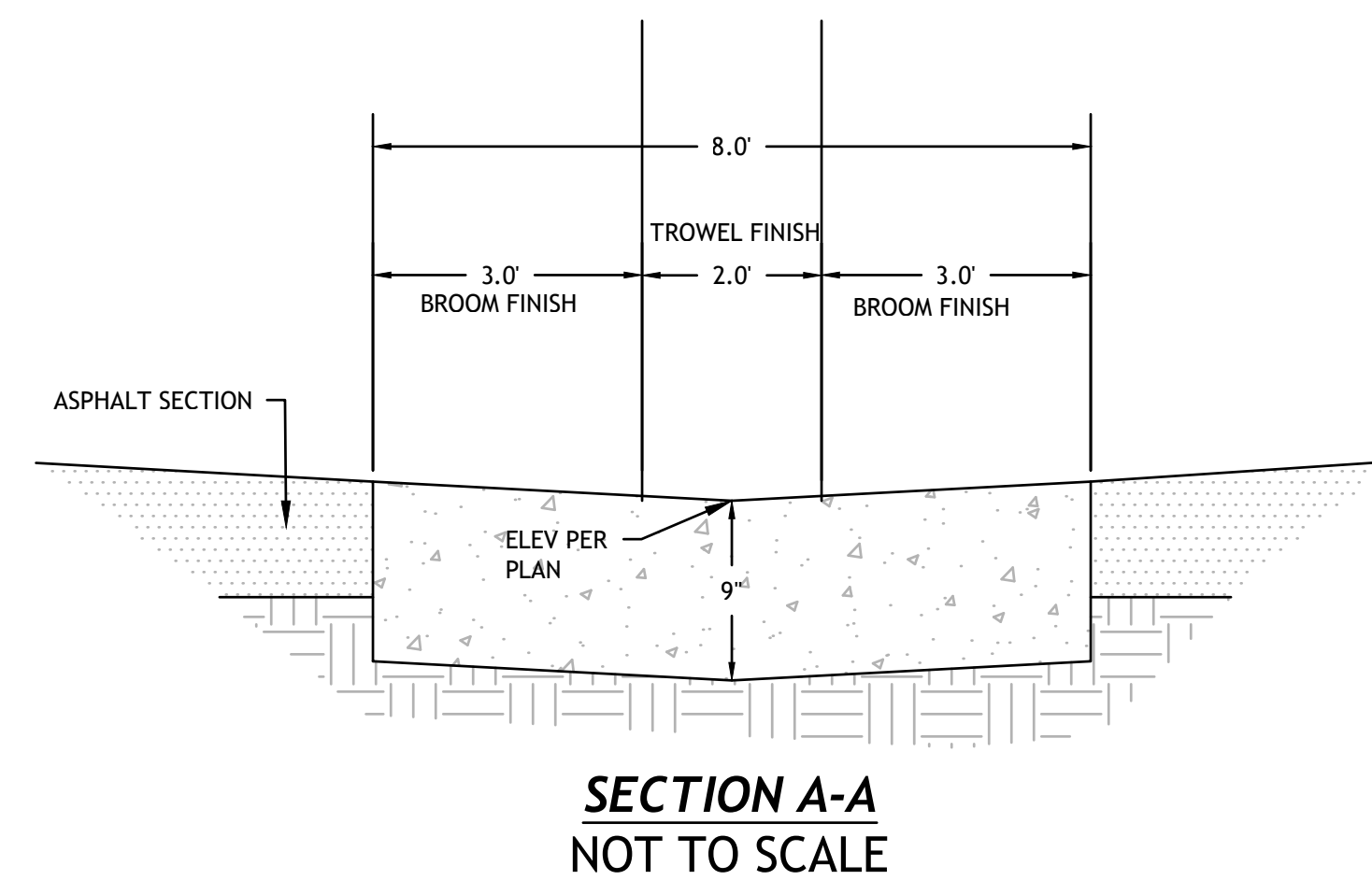
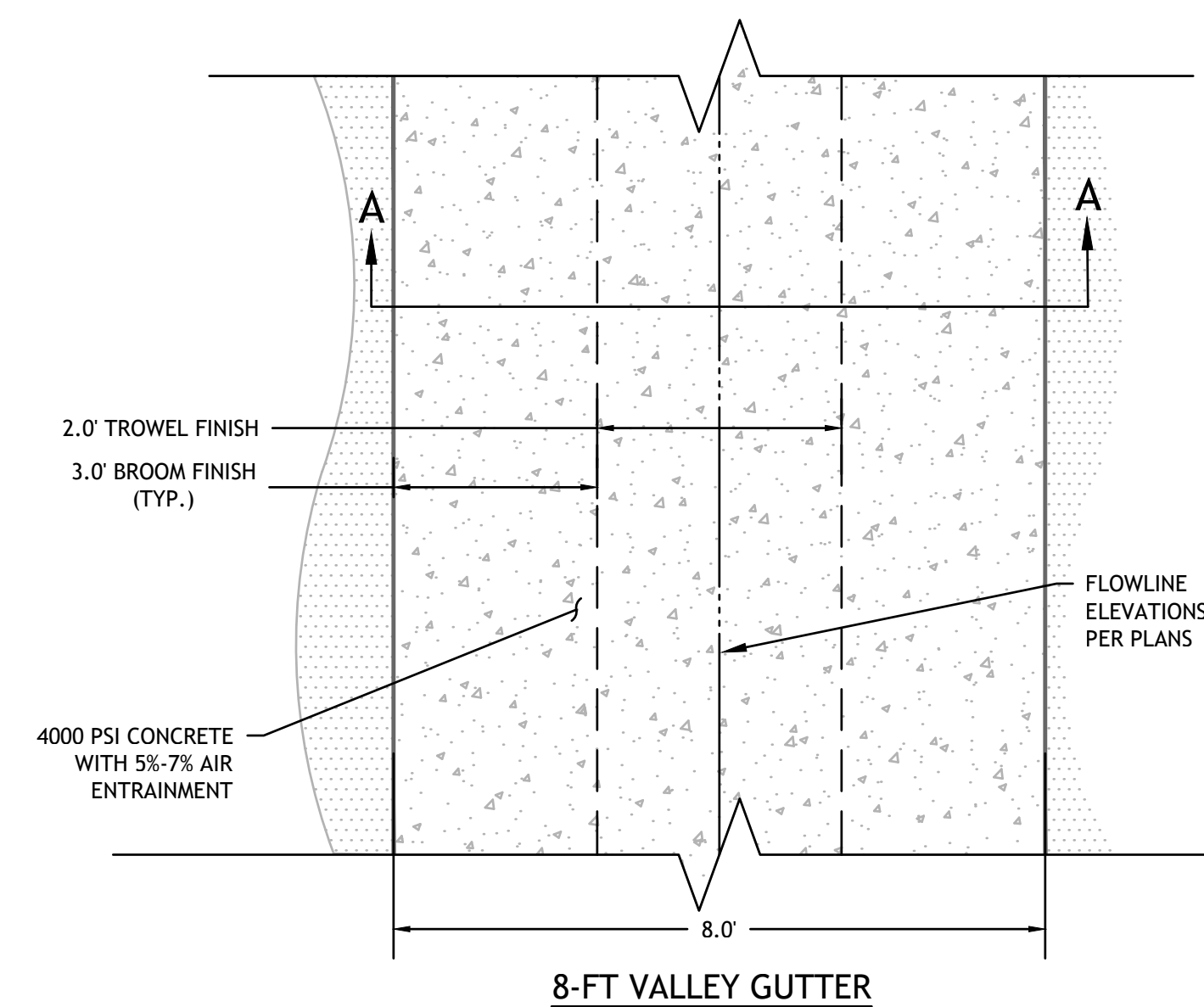
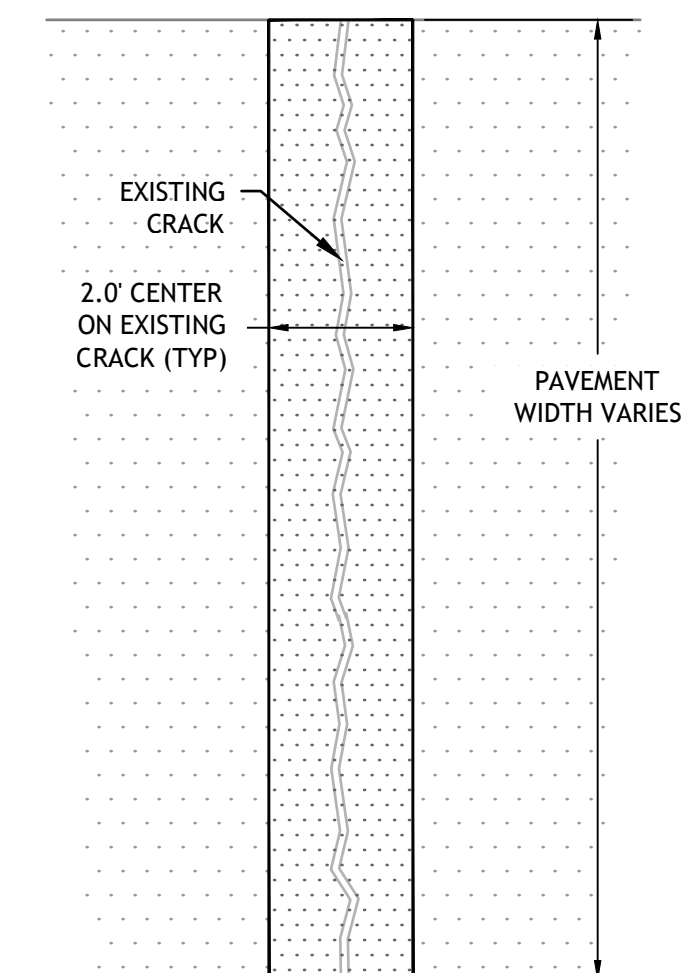
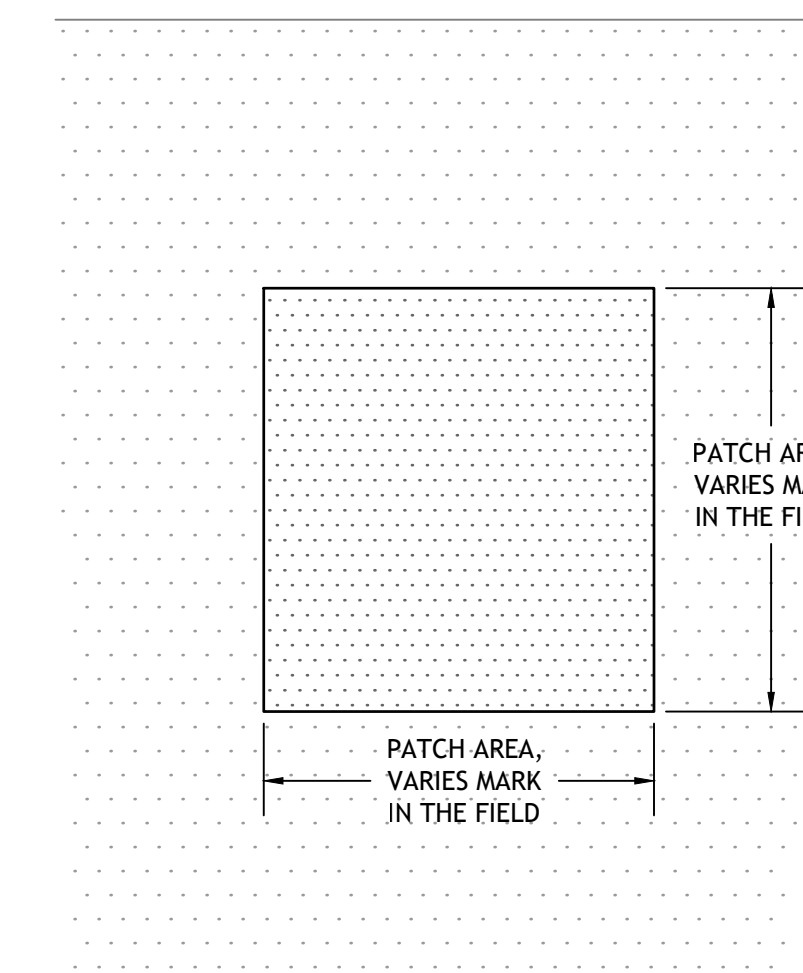
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 - 2 2" ASPHALTIC CONCRETE; COF 1/2" MIX, PG64-28 PER SPECS.
 - 3 BITUMINOUS TACK COAT PER PROJECT SPECS.
 - 4 7" BASE. PULVERIZE EX. MILLINGS AND BLEND WITH, EX. ABC, SUBBASE, AND STABILIZER. FINAL DESIGN PER STABILIZER MANUFACTURER.
- STRUCTURAL SECTION TO ACCOMMODATE GREATER THAN 80 ESAL PER DAY.)



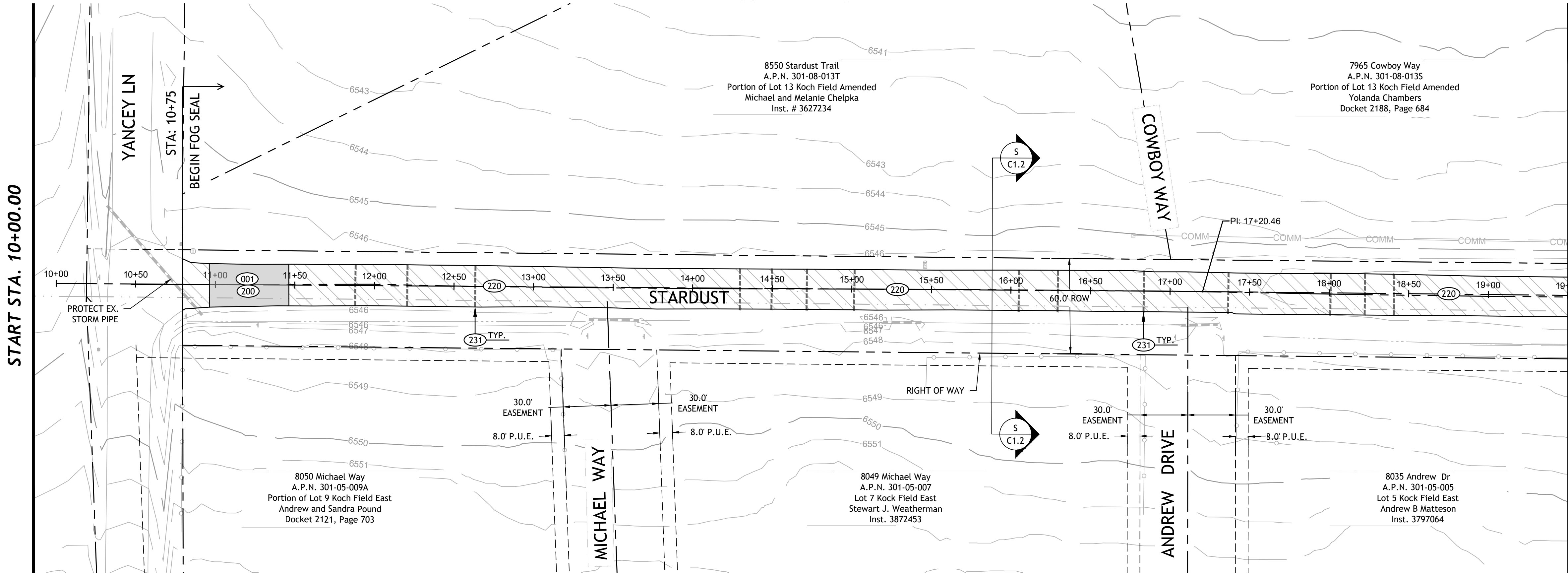


NOTES:
REFER TO SECTION 4.4.3 OF THE REPORT ON PAVEMENT
INVESTIGATION PREPARED BY SPEEDIE AND ASSOCIATES,
PROJECT NO. 220184SF DATED SEPTEMBER 6, 2022 FOR
SPECIFIC REQUIREMENTS.

KEYNOTES:
1 ASPHALTIC CONCRETE.
2 ABC, DEPTH AS REQUIRED PER GEOTECH REPORT.
3 APPLY BITUMINOUS TACK COAT TO ALL ADJOINING
SURFACES OF THE EXISTING ASPHALT CONCRETE.
4 SUBGRADE PREPARATION PER GEOTECH REPORT.

[illegible]

PLAN VIEW
SCALE 1" = 40'



MATCH SHEET C2.1 - STA. 19+50

CONSTRUCTION NOTES

REMOVALS (000)

001 SY
Remove asphalt.

050 EA
Remove & dispose / salvage driveway culvert. Driveway culvert is the property of the homeowner. Contractor shall coordinate with homeowner and salvage culvert to homeowner if requested; otherwise dispose.

090 LS
Clear and grub.

ADJUSTMENTS (100)

100 EA
Remove and replace existing sign on new post and footing per ADOT Std. Dwg. S-3, match existing post size. Remove and dispose of post and footing.

110 EA
Adjust water valve to finished grade per MAG Standard Details 270 and 391-1.

130 EA
Remove & replace with new, or reset existing mailbox, in kind, on new footing. Contractor shall coordinate with resident prior to removal to determine if existing mailbox should be replaced or reset. Provide documentation of resident's preference to Coconino County.

NEW CONSTRUCTION (200)

Note: Portland cement concrete, base course, & subgrade preparation shall conform with the Geotechnical Evaluation Report prepared by Western Technologies Inc., dated September 23, 2021 (WT Ref. No. 3221JJ081). Materials and workmanship shall conform to ADOT Standards & Specifications.

200 SY (Base Bid)
5" AC / 4" ABC per Detail 1 and typical sections Sheet C1.2. Includes subgrade preparation, Type B pavement edge per MAG Standard Det. 201 and shoulder.

201 SY
4" AC / 5" ABC per Detail 5 and typical sections Sheet C1.2. Includes subgrade preparation, Type B pavement edge per MAG Standard Det. 201 and shoulder.

202 SY
5" AC / 1.5" pulverized millings per Detail 2 and typical sections Sheet C1.2.

210 SY
1" Mill with 2" overlay per typical sections Sheet C1.2.

220 SY
Fog seal per typical sections Sheet C1.2.

230 SY
Full depth asphalt pavement patch per Detail C, Sheet C1.3. Includes removal and replacement of existing asphalt and base.

231 LF
Full depth crack repair per Detail C, Sheet C1.3. Includes removal and replacement of existing asphalt and base.

232 T
Crack seal per special provisions.

240 SF
8' wide concrete valley gutter per Detail D, Sheet C1.3.

250 SY
Dirty cinder roadway/driveway match-up.

251 SY
Graded cinder driveway match-up. Match existing thickness and gradation.

253 SY
Gravel roadway/driveway match-up. Match existing thickness, gradation and color.

254 SY
5" AC / 4" ABC driveway match-up.

255 SY
4" AC / 5" ABC driveway match-up.

256 SY
6" thick ABC roadway/driveway match-up.

260 SY
Hydroseed disturbed areas and match-up slope with Coconino County native seed mix.

270 SY (Alternate Bid)
4" AC / 7" stabilized base Detail 2a and typical sections, Sheet C1.2.

271 SY (Alternate Bid)
4" AC / 7" stabilized base shoulder Detail 4a and typical sections, Sheet C1.2. Includes pavement edge and shoulder at free edges per MAG Standard Det. 201 Type B.

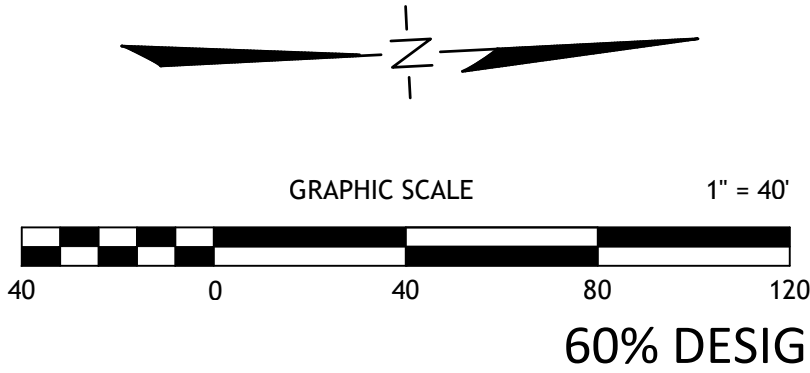
STRIPING (600)

Note: Pavement markings shall be traffic paint per ADOT Specification 709 and ADOT's approved material list.

600 LF
6" solid white lane stripe per ADOT Standard Drawings M-2 & M-11.

610 LS
4" white cross-hatch stripe at 20' O.C.

620 EA
Solar powered speed limit feedback sign.



DATE									
DESCRIPTION									
REVISION									

201 E BIRCH AVE, SUITE 3
Flagstaff, AZ 86001
(928) 774-4046



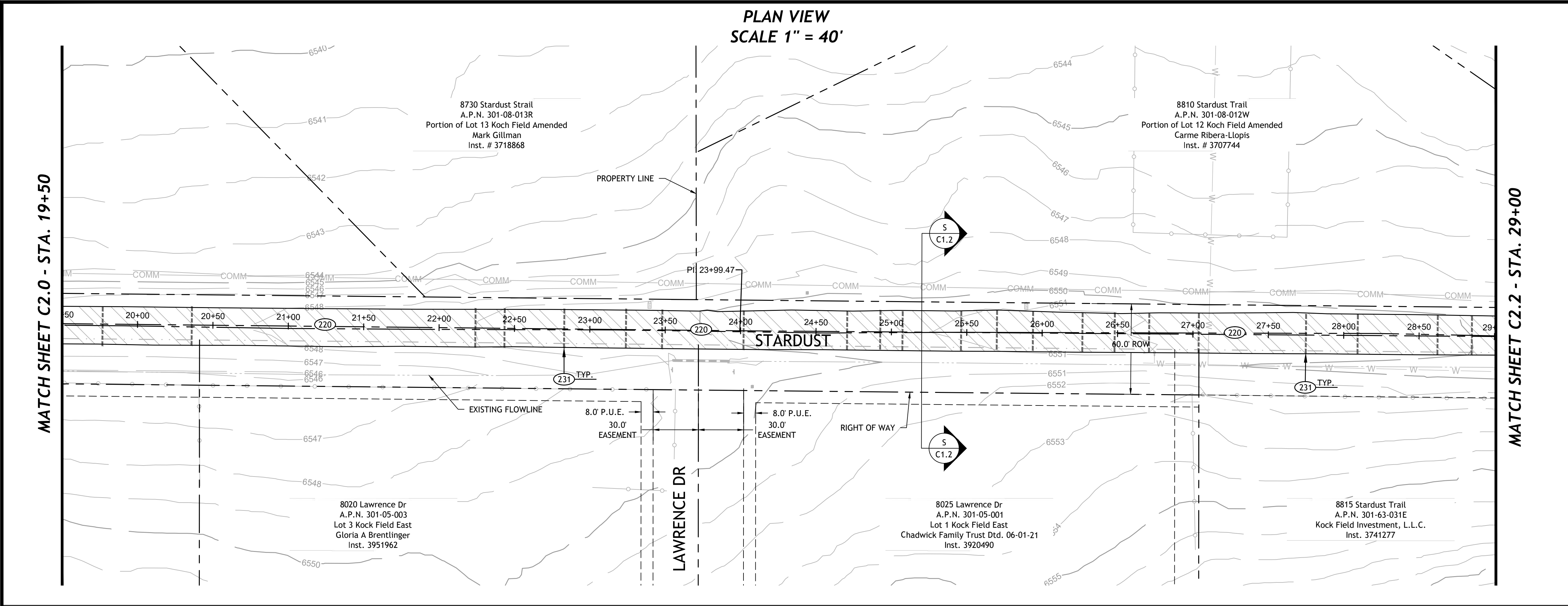
preliminary
Not For
Construction

COCONINO COUNTY PUBLIC WORKS
STARDUST TRAIL RECONSTRUCTION

PLAN & PROFILE STA:
10+00 TO 19+50

JOB NO: 23CC01
DATE: NOV 2023
BY: CBW/DCW
CHECKED: CAL

C2.0



CONSTRUCTION NOTES

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Adjust water valve to finished grade per MAG Standard Details 270 and 391-1.

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Note: Pavement markings shall be traffic paint per ADOT Specification 709 and ADOT's approved material list.

600 LF
6" solid white lane stripe per ADOT Standard Drawings M-2 & M-11.

610 LS
4" white cross-hatch stripe at 20' O.C.

620 EA
Solar powered speed limit feedback sign.

201 E BIRCH AVE, SUITE 3
Flagstaff, AZ 86001
(928) 774-4046

Peak
ENGINEERING, INC.
Connecting Place to People

preliminary
Not For
Construction

COCONINO COUNTY PUBLIC WORKS
STARDUST TRAIL RECONSTRUCTION
PLAN & PROFILE STA:
19+50 TO 29+00

JOB NO: 23CC01
DATE: NOV 2023

BY: CBW/DCW
CHECKED: CAL

C2.1

400

0

40

80

120

GRAPHIC SCALE

1" = 40'

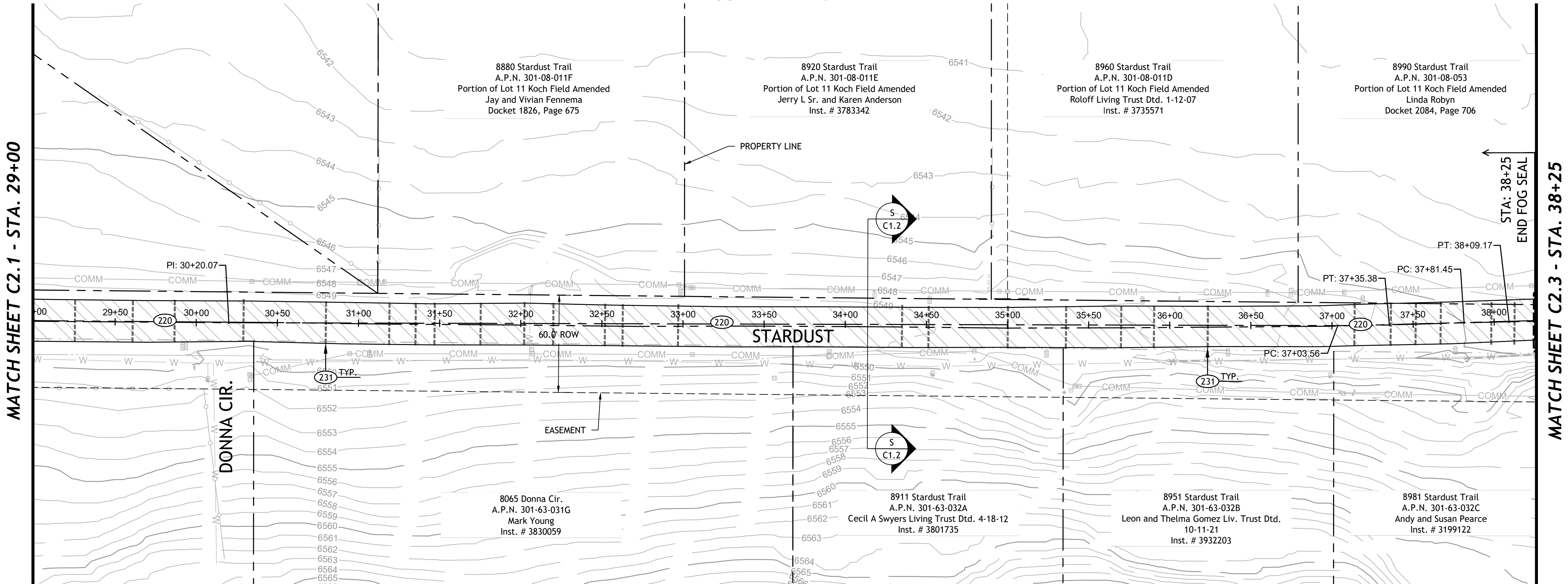
60% DESIGN

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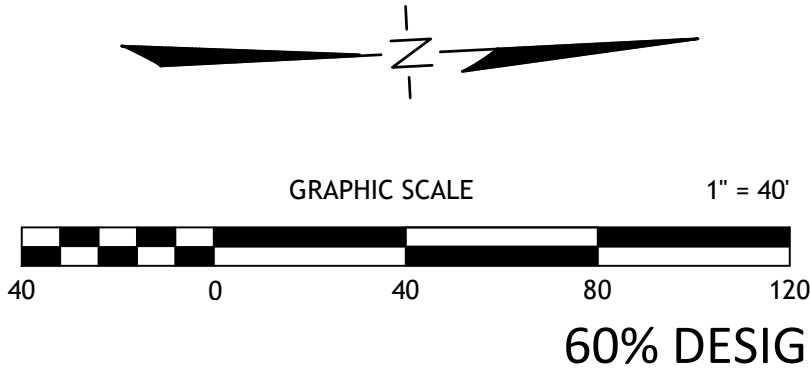
North Arrow

PLAN VIEW
SCALE 1" = 40'



CONSTRUCTION NOTES

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001 SY
Remove asphalt.
- 050 EA
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- 090 LS
Clear and grub.
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Adjust water valve to finished grade per MAG Standard Details 270 and 391-1.
- 130 EA
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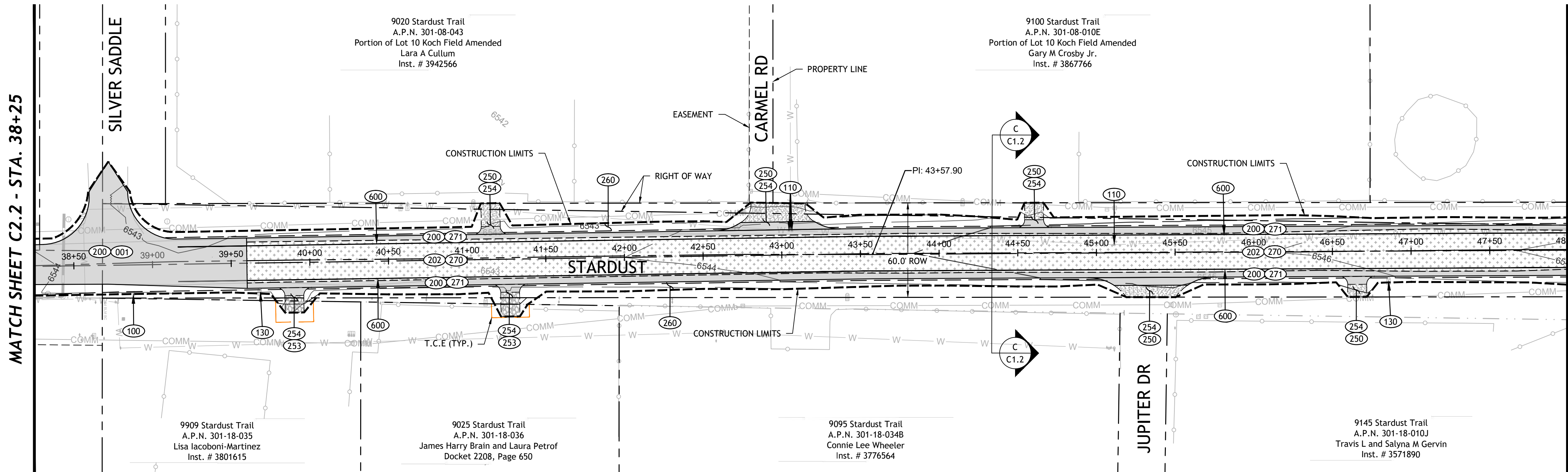
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preliminary
Not For
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COCONINO COUNTY PUBLIC WORKS STARDUST TRAIL RECONSTRUCTION PLAN & PROFILE STA: 29+00 TO 38+25	JOB NO: 23CC01 DATE: NOV 2023	BY: CBW/DCW CHECKED: CAL
C2.2		

PLAN VIEW
SCALE 1" = 40'



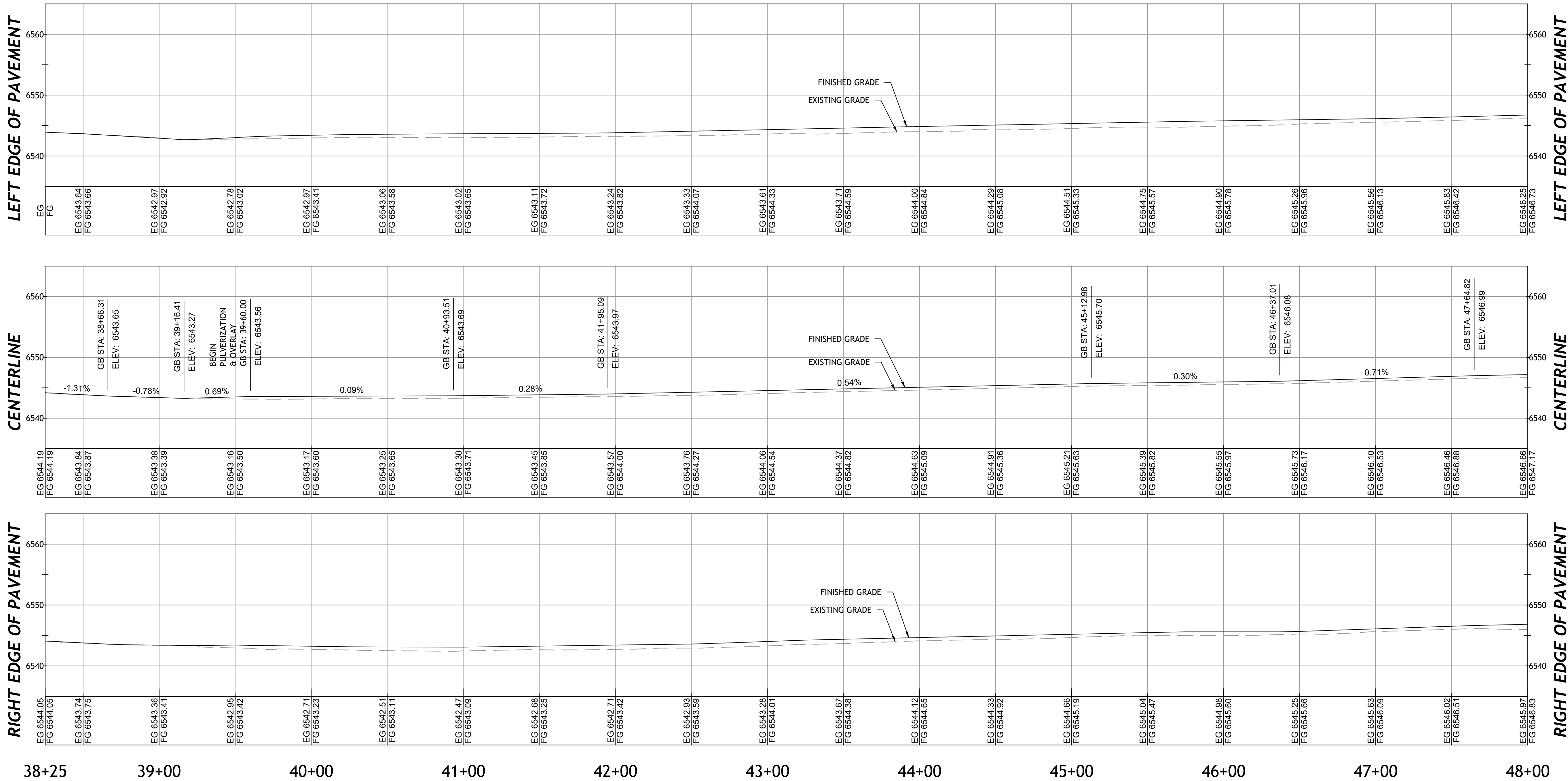
MATCH SHEET C2.2 - STA. 38+25

MATCH SHEET C2.4 - STA. 48+00

CONSTRUCTION NOTES

- REMOVALS (000)**
001 SY
Remove asphalt.
- 050 EA
Remove & dispose / salvage driveway culvert. Driveway culvert is the property of the homeowner. Contractor shall coordinate with homeowner and salvage culvert to homeowner if requested; otherwise dispose.
- 090 LS
Clear and grub.
- ADJUSTMENTS (100)**
100 EA
Remove and replace existing sign on new post and footing per ADOT Std. Dwg. S-3, match existing post size. Remove and dispose of post and footing.
- 110 EA
Adjust water valve to finished grade per MAG Standard Details 270 and 391-1.
- 130 EA
Remove & replace with new, or reset existing mailbox, in kind, on new footing. Contractor shall coordinate with resident prior to removal to determine if existing mailbox should be replaced or reset. Provide documentation of resident's preference to Coconino County.
- NEW CONSTRUCTION (200)**
Note: Portland cement concrete, base course, & subgrade preparation shall conform with the Geotechnical Evaluation Report prepared by Western Technologies Inc., dated September 23, 2021 (WT Ref. No. 3221JJ081). Materials and workmanship shall conform to ADOT Standards & Specifications.
- 200 SY (Base Bid)
5" AC / 4" ABC per Detail 1 and typical sections Sheet C1.2. Includes subgrade preparation, Type B pavement edge per MAG Standard Det. 201 and shoulder.
- 201 SY
4" AC / 5" ABC per Detail 5 and typical sections Sheet C1.2. Includes subgrade preparation, Type B pavement edge per MAG Standard Det. 201 and shoulder.
- 202 SY
5" AC / 1.5" pulverized millings per Detail 2 and typical sections Sheet C1.2.
- 210 SY
1" Mill with 2" overlay per typical sections Sheet C1.2.
- 220 SY
Fog seal per typical sections Sheet C1.2.
- 230 SY
Full depth asphalt pavement patch per Detail C, Sheet C1.3. Includes removal and replacement of existing asphalt and base.
- 231 LF
Full depth crack repair per Detail C, Sheet C1.3. Includes removal and replacement of existing asphalt and base.
- 232 T
Crack seal per special provisions.
- 240 SF
8' wide concrete valley gutter per Detail D, Sheet C1.3.
- 250 SY
Dirty cinder roadway/driveway match-up.
- 251 SY
Graded cinder driveway match-up. Match existing thickness and gradation.
- 253 SY
Gravel roadway/driveway match-up. Match existing thickness, gradation and color.
- 254 SY
5" AC / 4" ABC driveway match-up.
- 255 SY
4" AC / 5" ABC driveway match-up.
- 256 SY
6" thick ABC roadway/driveway match-up.
- 260 SY
Hydroseed disturbed areas and match-up slope with Coconino County native seed mix.
- 270 SY (Alternate Bid)
4" AC / 7" stabilized base Detail 2a and typical sections, Sheet C1.2.
- 271 SY (Alternate Bid)
4" AC / 7" stabilized base shoulder Detail 4a and typical sections, Sheet C1.2. Includes pavement edge and shoulder at free edges per MAG Standard Det. 201 Type B.
- STRIPING (600)**
Note: Pavement markings shall be traffic paint per ADOT Specification 709 and ADOT's approved material list.
- 600 LF
6" solid white lane stripe per ADOT Standard Drawings M-2 & M-11.
- 610 LS
4" white cross-hatch stripe at 20' O.C.
- 620 EA
Solar powered speed limit feedback sign.

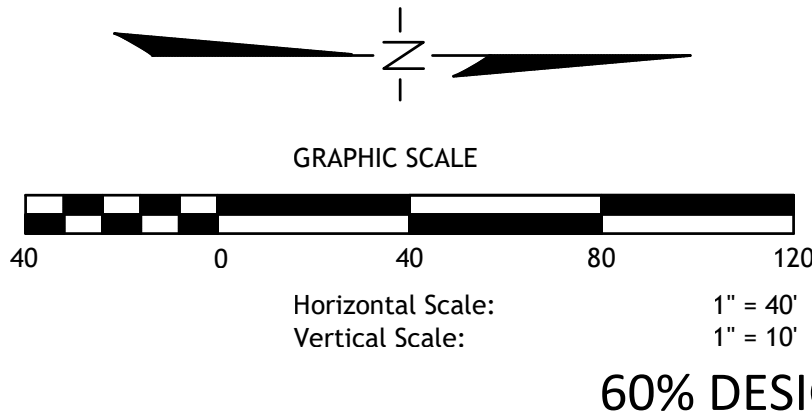
PROFILE VIEW
HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 10'



LEFT EDGE OF PAVEMENT

CENTERLINE

RIGHT EDGE OF PAVEMENT



201 E BIRCH AVE, SUITE 3
Flagstaff, AZ 86001
(928) 774-4046



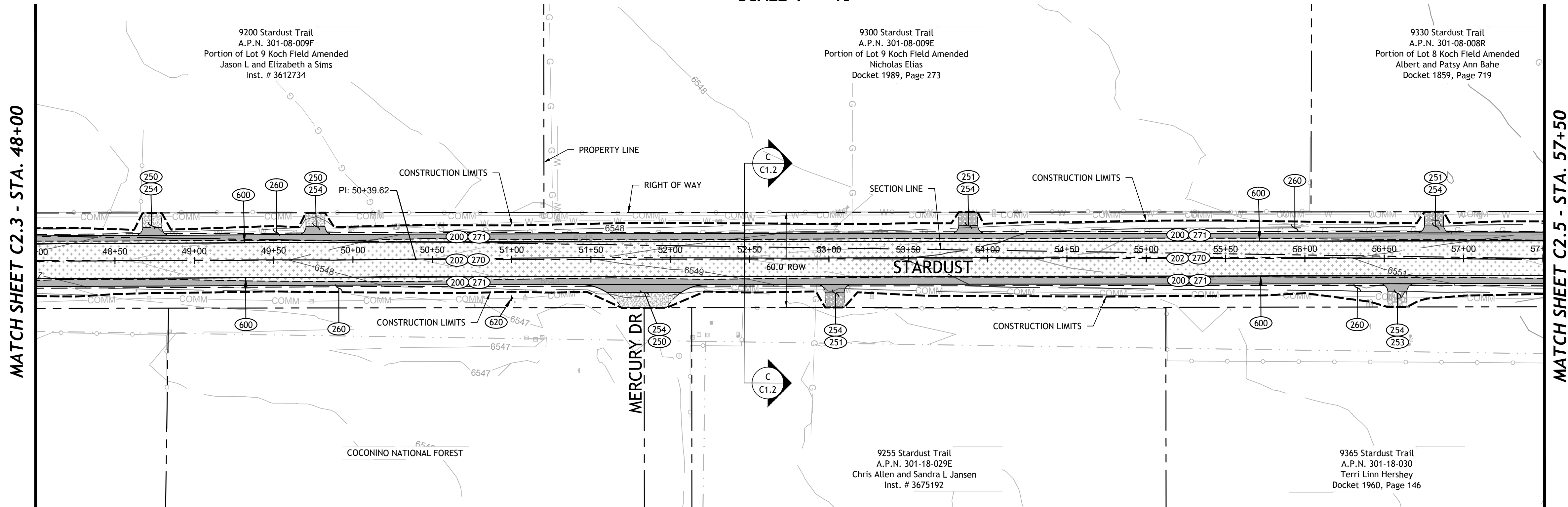
preliminary
Not For
Construction

COCONINO COUNTY PUBLIC WORKS
STARDUST TRAIL RECONSTRUCTION
PLAN & PROFILE STA:
38+25 TO 48+00

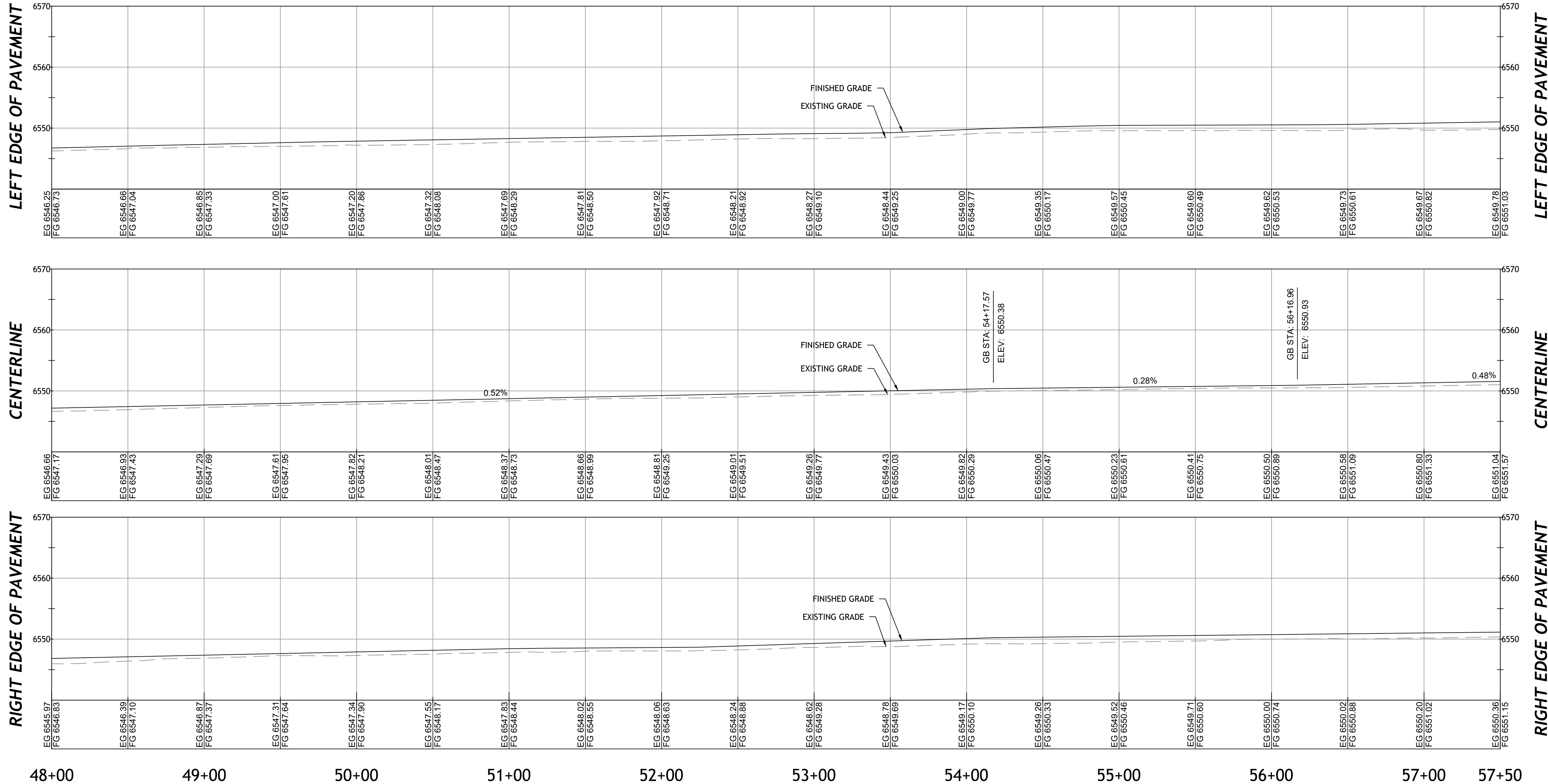
C2.3

JOB NO: 23CC01
DATE: NOV 2023
BY: CRW/DCW
CHECKED: CAL

PLAN VIEW
SCALE 1" = 40'

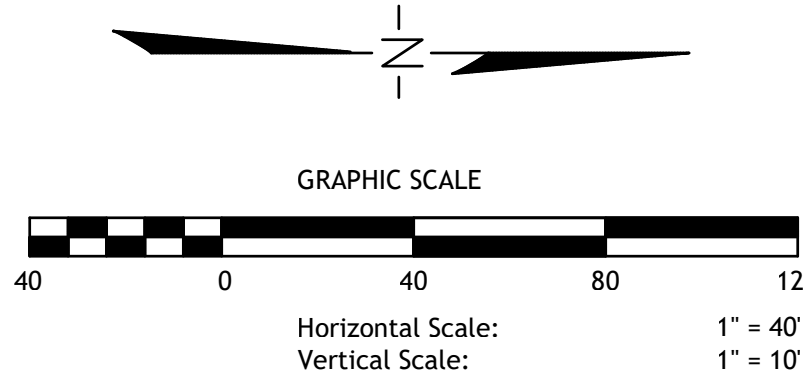


PROFILE VIEW
HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 10'



CONSTRUCTION NOTES

- REMOVALS (000)**
001 SY
Remove asphalt.
- 050 EA
Remove & dispose / salvage driveway culvert. Driveway culvert is the property of the homeowner. Contractor shall coordinate with homeowner and salvage culvert to homeowner if requested; otherwise dispose.
- 090 LS
Clear and grub.
- ADJUSTMENTS (100)**
100 EA
Remove and replace existing sign on new post and footing per ADOT Std. Dwg. S-3, match existing post size. Remove and dispose of post and footing.
- 110 EA
Adjust water valve to finished grade per MAG Standard Details 270 and 391-1.
- 130 EA
Remove & replace with new, or reset existing mailbox, in kind, on new footing. Contractor shall coordinate with resident prior to removal to determine if existing mailbox should be replaced or reset. Provide documentation of resident's preference to Coconino County.
- NEW CONSTRUCTION (200)**
Note: Portland cement concrete, base course, & subgrade preparation shall conform with the Geotechnical Evaluation Report prepared by Western Technologies Inc., dated September 23, 2021 (WT Ref. No. 3221JJ081). Materials and workmanship shall conform to ADOT Standards & Specifications.
- 200 SY (Base Bid)
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- 201 SY
4" AC / 5" ABC per Detail 5 and typical sections Sheet C1.2. Includes subgrade preparation, Type B pavement edge per MAG Standard Det. 201 and shoulder.
- 202 SY
5" AC / 1.5" pulverized millings per Detail 2 and typical sections Sheet C1.2.
- 210 SY
1" Mill with 2" overlay per typical sections Sheet C1.2.
- 220 SY
Fog seal per typical sections Sheet C1.2.
- 230 SY
Full depth asphalt pavement patch per Detail C, Sheet C1.3. Includes removal and replacement of existing asphalt and base.
- 231 LF
Full depth crack repair per Detail C, Sheet C1.3. Includes removal and replacement of existing asphalt and base.
- 232 T
Crack seal per special provisions.
- 240 SF
8' wide concrete valley gutter per Detail D, Sheet C1.3.
- 250 SY
Dirty cinder roadway/driveway match-up.
- 251 SY
Graded cinder driveway match-up. Match existing thickness and gradation.
- 253 SY
Gravel roadway/driveway match-up. Match existing thickness, gradation and color.
- 254 SY
5" AC / 4" ABC driveway match-up.
- 255 SY
4" AC / 5" ABC driveway match-up.
- 256 SY
6" thick ABC roadway/driveway match-up.
- 260 SY
Hydroseed disturbed areas and match-up slope with Coconino County native seed mix.
- 270 SY (Alternate Bid)
4" AC / 7" stabilized base Detail 2a and typical sections, Sheet C1.2.
- 271 SY (Alternate Bid)
4" AC / 7" stabilized base shoulder Detail 4a and typical sections, Sheet C1.2. Includes pavement edge and shoulder at free edges per MAG Standard Det. 201 Type B.
- STRIPING (600)**
Note: Pavement markings shall be traffic paint per ADOT Specification 709 and ADOT's approved material list.
- 600 LF
6" solid white lane stripe per ADOT Standard Drawings M-2 & M-11.
- 610 LS
4" white cross-hatch stripe at 20' O.C.
- 620 EA
Solar powered speed limit feedback sign.



201 E BIRCH AVE, SUITE 3
Flagstaff, AZ 86001
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COCONINO COUNTY PUBLIC WORKS
STARDUST TRAIL RECONSTRUCTION

PLAN & PROFILE STA:
48+00 TO 57+50

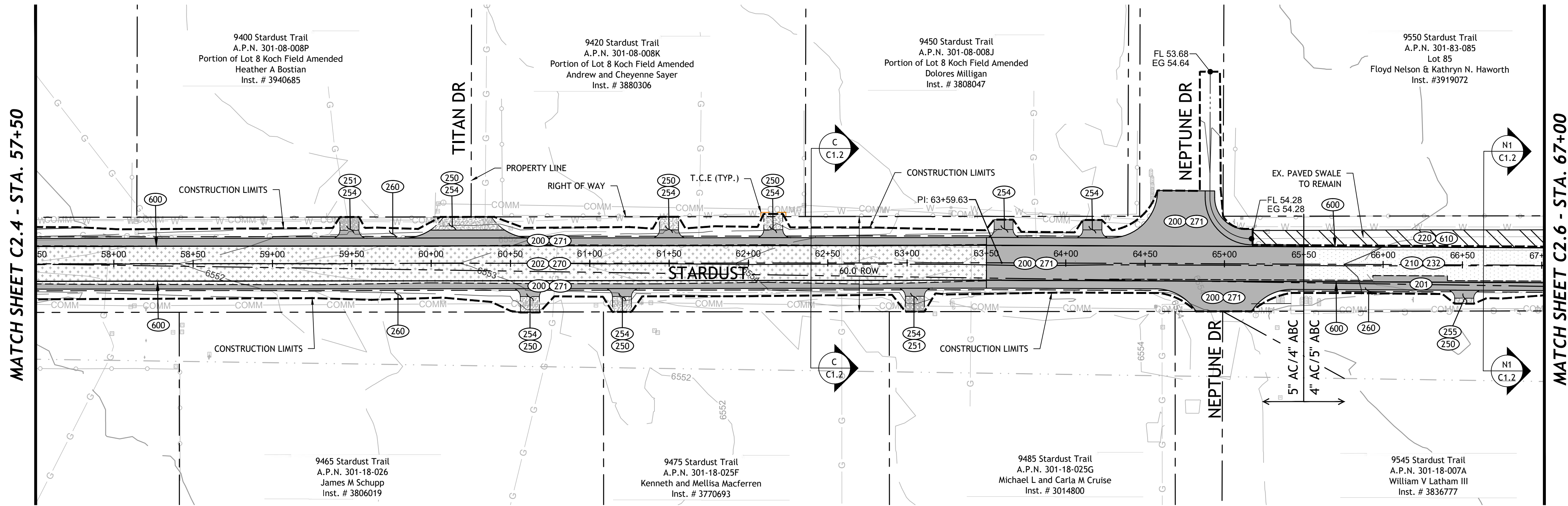
JOB NO: 23CC01
DATE: NOV 2023

BY: CRW/DCW
CHECKED: CAL

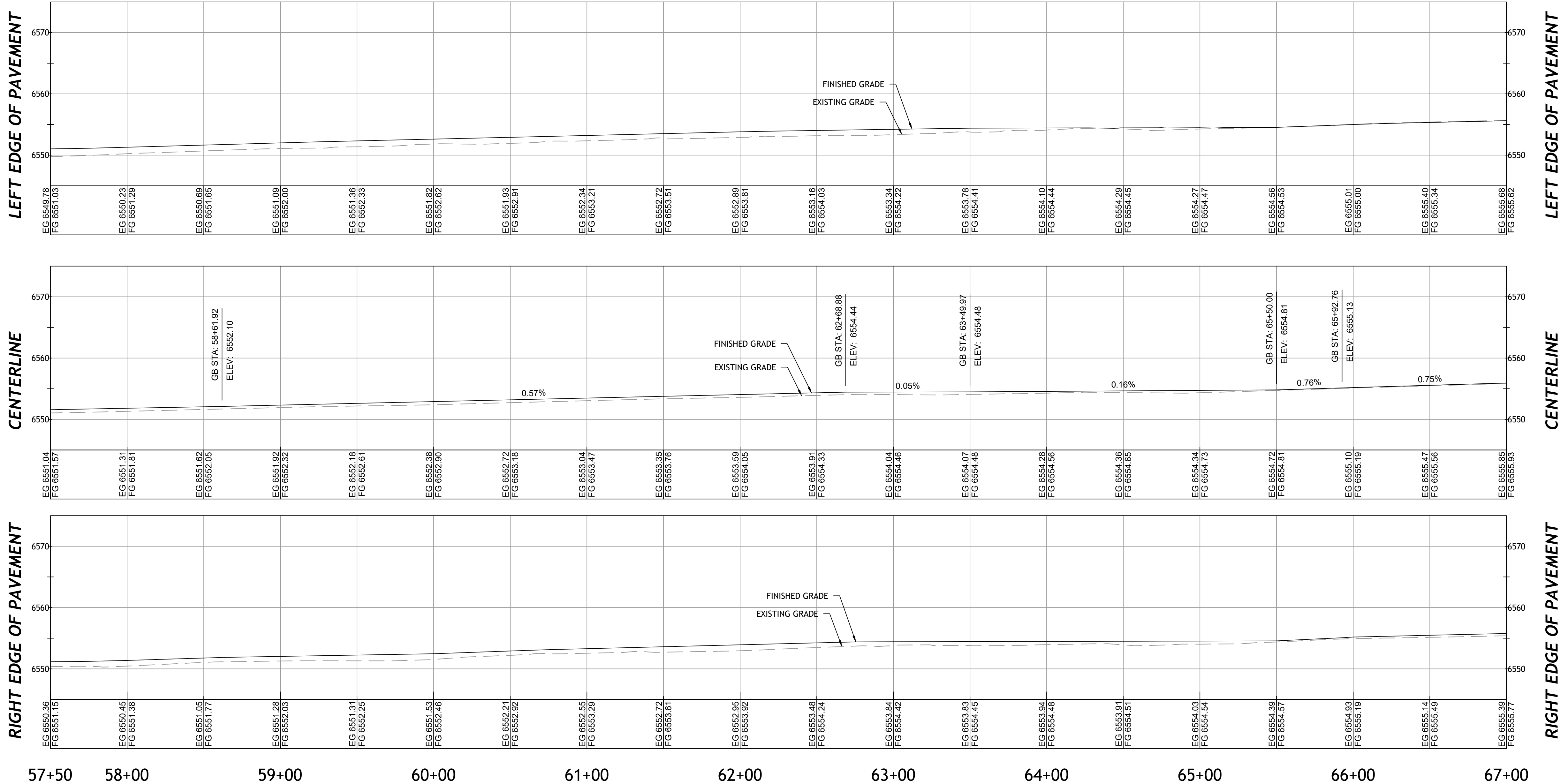
C2.4

60% DESIGN

PLAN VIEW
SCALE 1" = 40'

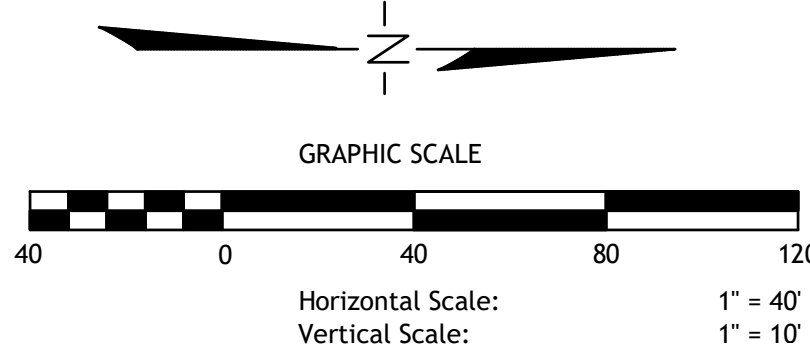


PROFILE VIEW
HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 10'



CONSTRUCTION NOTES

- REMOVALS (000)**
001 SY
Remove asphalt.
- 050 EA
Remove & dispose / salvage driveway culvert. Driveway culvert is the property of the homeowner. Contractor shall coordinate with homeowner and salvage culvert to homeowner if requested; otherwise dispose.
- 090 LS
Clear and grub.
- ADJUSTMENTS (100)**
100 EA
Remove and replace existing sign on new post and footing per ADOT Std. Dwg. S-3, match existing post size. Remove and dispose of post and footing.
- 110 EA
Adjust water valve to finished grade per MAG Standard Details 270 and 391-1.
- 130 EA
Remove & replace with new, or reset existing mailbox, in kind, on new footing. Contractor shall coordinate with resident prior to removal to determine if existing mailbox should be replaced or reset. Provide documentation of resident's preference to Coconino County.
- NEW CONSTRUCTION (200)**
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- 201 SY
4" AC / 5" ABC per Detail 5 and typical sections Sheet C1.2. Includes subgrade preparation, Type B pavement edge per MAG Standard Det. 201 and shoulder.
- 202 SY
5" AC / 1.5" pulverized millings per Detail 2 and typical sections Sheet C1.2.
- 210 SY
1" Mill with 2" overlay per typical sections Sheet C1.2.
- 220 SY
Fog seal per typical sections Sheet C1.2.
- 230 SY
Full depth asphalt pavement patch per Detail C, Sheet C1.3. Includes removal and replacement of existing asphalt and base.
- 231 LF
Full depth crack repair per Detail C, Sheet C1.3. Includes removal and replacement of existing asphalt and base.
- 232 T
Crack seal per special provisions.
- 240 SF
8' wide concrete valley gutter per Detail D, Sheet C1.3.
- 250 SY
Dirty cinder roadway/driveway match-up.
- 251 SY
Graded cinder driveway match-up. Match existing thickness and gradation.
- 253 SY
Gravel roadway/driveway match-up. Match existing thickness, gradation and color.
- 254 SY
5" AC / 4" ABC driveway match-up.
- 255 SY
4" AC / 5" ABC driveway match-up.
- 256 SY
6" thick ABC roadway/driveway match-up.
- 260 SY
Hydroseed disturbed areas and match-up slope with Coconino County native seed mix.
- 270 SY (Alternate Bid)
4" AC / 7" stabilized base Detail 2a and typical sections, Sheet C1.2.
- 271 SY (Alternate Bid)
4" AC / 7" stabilized base shoulder Detail 4a and typical sections, Sheet C1.2. Includes pavement edge and shoulder at free edges per MAG Standard Det. 201 Type B.
- STRIPING (600)**
Note: Pavement markings shall be traffic paint per ADOT Specification 709 and ADOT's approved material list.
- 600 LF
6" solid white lane stripe per ADOT Standard Drawings M-2 & M-11.
- 610 LS
4' white cross-hatch stripe at 20' O.C.
- 620 EA
Solar powered speed limit feedback sign.



201 E BIRCH AVE, SUITE 3
Flagstaff, AZ 86001
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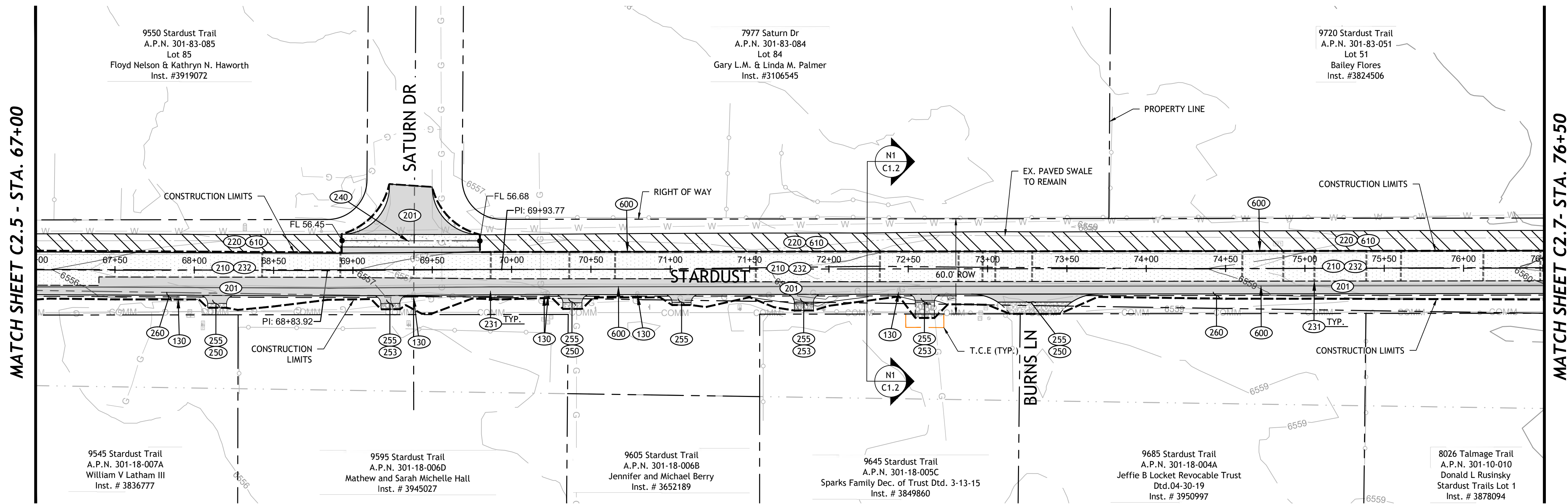
COCONINO COUNTY PUBLIC WORKS
STARDUST TRAIL RECONSTRUCTION
PLAN & PROFILE STA:
57+50 TO 67+00

JOB NO: 23CC01
DATE: NOV 2023
BY: CBW/DCW
CHECKED: CAL

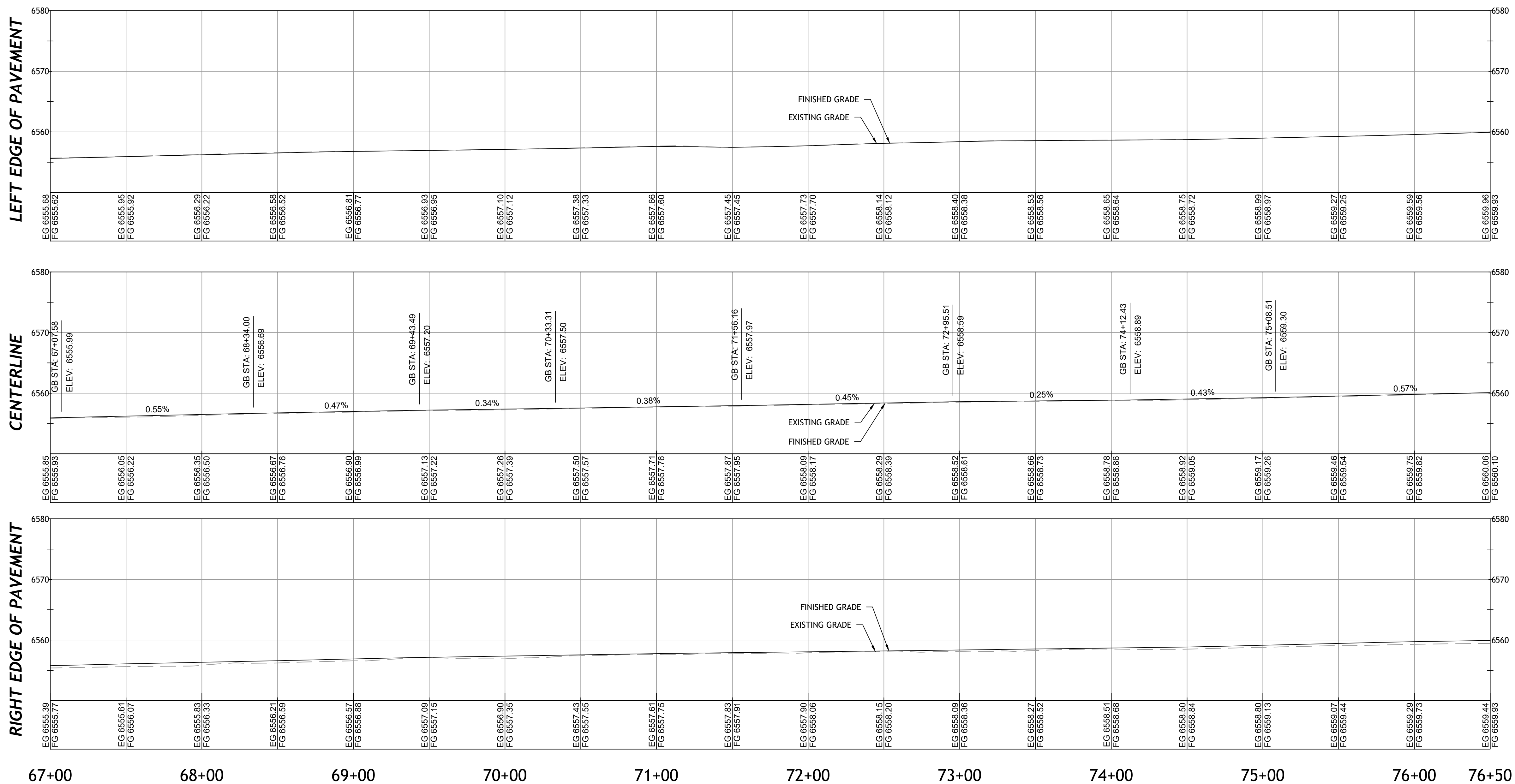
C2.5

60% DESIGN

PLAN VIEW
SCALE 1" = 40'

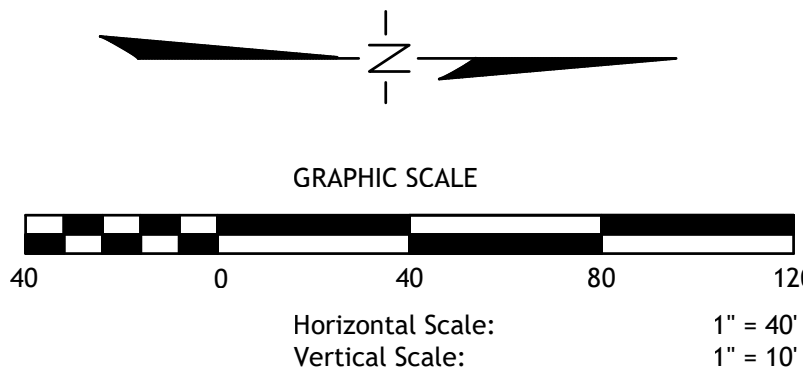


PROFILE VIEW
HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 10'



CONSTRUCTION NOTES

- REMOVALS (000)**
001 SY
Remove asphalt.
- 050 EA
Remove & dispose / salvage driveway culvert. Driveway culvert is the property of the homeowner. Contractor shall coordinate with homeowner and salvage culvert to homeowner if requested; otherwise dispose.
- 090 LS
Clear and grub.
- ADJUSTMENTS (100)**
100 EA
Remove and replace existing sign on new post and footing per ADOT Std. Dwg. S-3, match existing post size. Remove and dispose of post and footing.
- 110 EA
Adjust water valve to finished grade per MAG Standard Details 270 and 391-1.
- 130 EA
Remove & replace with new, or reset existing mailbox, in kind, on new footing. Contractor shall coordinate with resident prior to removal to determine if existing mailbox should be replaced or reset. Provide documentation of resident's preference to Coconino County.
- NEW CONSTRUCTION (200)**
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4" AC / 5" ABC per Detail 5 and typical sections Sheet C1.2. Includes subgrade preparation, Type B pavement edge per MAG Standard Det. 201 and shoulder.
- 202 SY
5" AC / 1.5" pulverized millings per Detail 2 and typical sections Sheet C1.2.
- 210 SY
1" Mill with 2" overlay per typical sections Sheet C1.2.
- 220 SY
Fog seal per typical sections Sheet C1.2.
- 230 SY
Full depth asphalt pavement patch per Detail C, Sheet C1.3. Includes removal and replacement of existing asphalt and base.
- 231 LF
Full depth crack repair per Detail C, Sheet C1.3. Includes removal and replacement of existing asphalt and base.
- 232 T
Crack seal per special provisions.
- 240 SF
8' wide concrete valley gutter per Detail D, Sheet C1.3.
- 250 SY
Dirty cinder roadway/driveway match-up.
- 251 SY
Graded cinder driveway match-up. Match existing thickness and gradation.
- 253 SY
Gravel roadway/driveway match-up. Match existing thickness, gradation and color.
- 254 SY
5" AC / 4" ABC driveway match-up.
- 255 SY
4" AC / 5" ABC driveway match-up.
- 256 SY
6" thick ABC roadway/driveway match-up.
- 260 SY
Hydroseed disturbed areas and match-up slope with Coconino County native seed mix.
- 270 SY (Alternate Bid)
4" AC / 7" stabilized base Detail 2a and typical sections, Sheet C1.2.
- 271 SY (Alternate Bid)
4" AC / 7" stabilized base shoulder Detail 4a and typical sections, Sheet C1.2. Includes pavement edge and shoulder at free edges per MAG Standard Det. 201 Type B.
- STRIPING (600)**
Note: Pavement markings shall be traffic paint per ADOT Specification 709 and ADOT's approved material list.
- 600 LF
6" solid white lane stripe per ADOT Standard Drawings M-2 & M-11.
- 610 LS
4" white cross-hatch stripe at 20' O.C.
- 620 EA
Solar powered speed limit feedback sign.



201 E BIRCH AVE, SUITE 3
Flagstaff, AZ 86001
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preliminary
Not for
Construction

COCONINO COUNTY PUBLIC WORKS
STARDUST TRAIL RECONSTRUCTION
PLAN & PROFILE STA:
67+00 TO 76+50

JOB NO: 23CC01
DATE: NOV 2023

BY: CBW/DCW
CHECKED: CAL

C2.6

60% DESIGN

PLAN VIEW
SCALE 1" = 40'

MATCH SHEET C2.6 - STA. 76+50

MATCH SHEET C2.8- STA. 86+00

9720 Stardust Trail
A.P.N. 301-83-051
Lot 51
Bailey Flores
Inst. #3824506

7985 Gemini Dr
A.P.N. 301-83-050
Lot 50
Casey C. & Marjorie M. Eddie
Inst. #3741290

9880 Stardust Trail
A.P.N. 301-83-017
Lot 17
Christine A.R. Berger
Inst. #3787431

8026 Talmage Trail
A.P.N. 301-10-010
Donald L. Rusinsky
Stardust Trails Lot 1
Inst. # 3878094

8020 Wendys Way
A.P.N. 301-10-009
Lot 9
Phillip A. & Barbara Harding
Inst. #3507463

8025 Wendys Way
A.P.N. 301-10-001
Lot 1
Thomas J. & Mary D. Miller
Inst. #3406288

GEMINI DR

TALMAGE TRAIL

WENDY'S WAY

STATIONING: 76+50, 77+00, 77+50, 78+00, 78+50, 79+00, 79+50, 80+00, 80+50, 81+00, 81+50, 82+00, 82+50, 83+00, 83+50, 84+00, 84+50, 85+00, 85+50, 86+00

CONSTRUCTION LIMITS

RIGHT OF WAY

EX. PAVED SWALE TO REMAIN

STA: 82+56
END SECTION N1
BEGIN SECTION N2

N1 C1.2

N2 C1.2

8.0' P.U.E.
30.0' EASEMENT

PROPERTY LINE

PROFILE VIEW
HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 10'

LEFT EDGE OF PAVEMENT

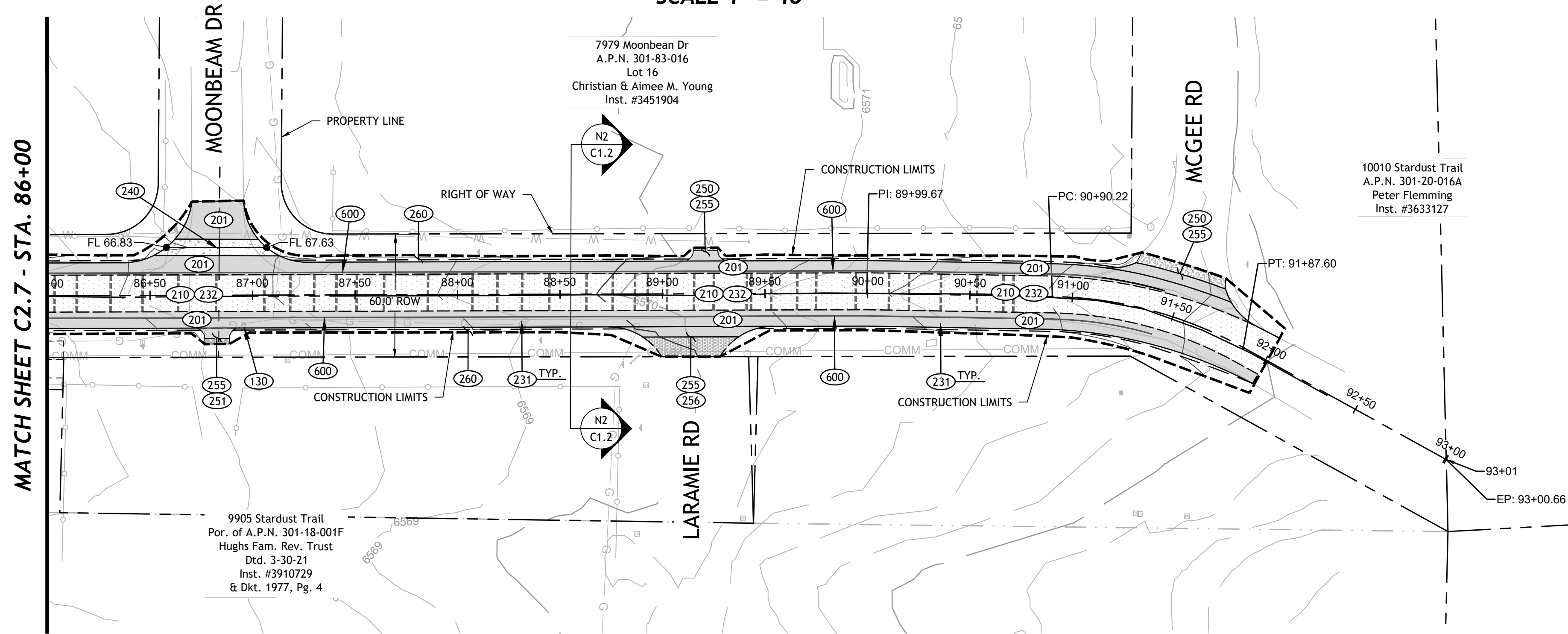
CENTERLINE

RIGHT EDGE OF PAVEMENT

76+50 77+00 78+00 79+00 80+00 81+00 82+00 83+00 84+00 85+00 86+00

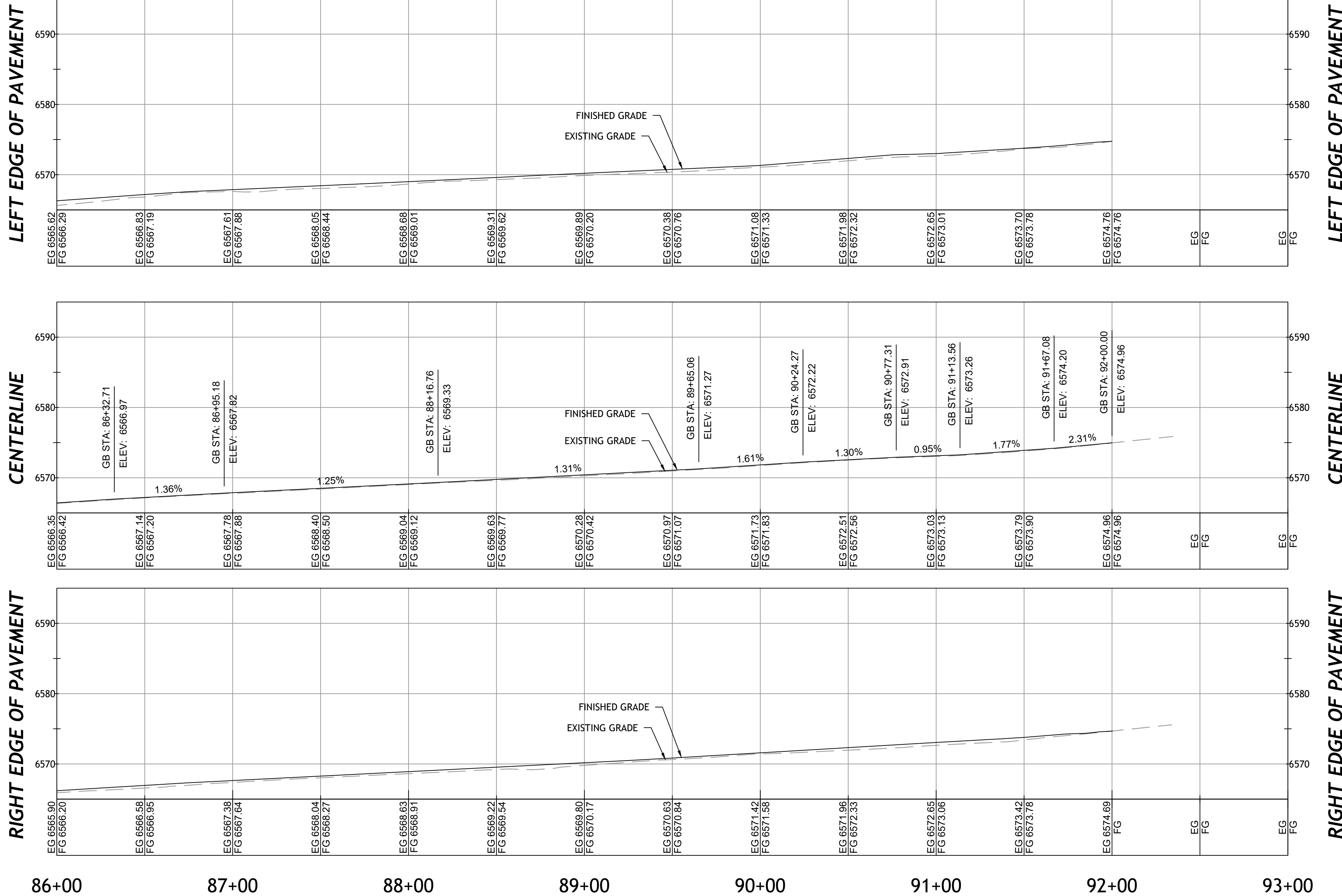


PLAN VIEW
SCALE 1" = 40'



END OF PROJECT

PROFILE VIEW
HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 10'



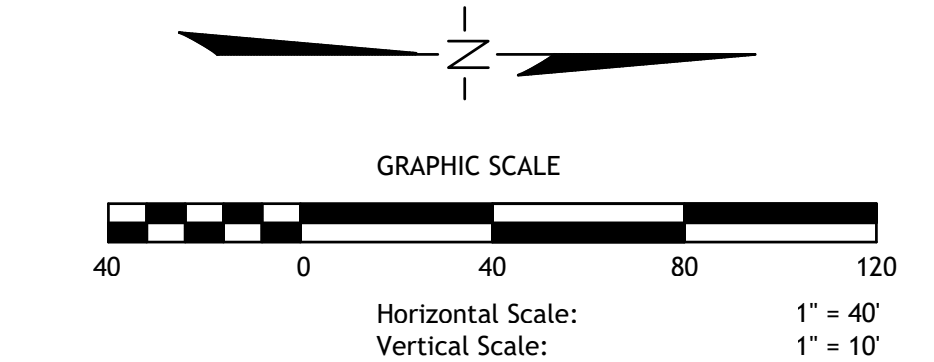
CONSTRUCTION NOTES

- REMOVALS (000)**
001 SY
Remove asphalt.
- 050 EA
Remove & dispose / salvage driveway culvert. Driveway culvert is the property of the homeowner. Contractor shall coordinate with homeowner and salvage culvert to homeowner if requested; otherwise dispose.
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Clear and grub.
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- 202 SY
5" AC / 1.5" pulverized millings per Detail 2 and typical sections Sheet C1.2.

- 210 SY
1" Mill with 2" overlay per typical sections Sheet C1.2.
- 220 SY
Fog seal per typical sections Sheet C1.2.
- 230 SY
Full depth asphalt pavement patch per Detail C, Sheet C1.3. Includes removal and replacement of existing asphalt and base.
- 231 LF
Full depth crack repair per Detail C, Sheet C1.3. Includes removal and replacement of existing asphalt and base.
- 232 T
Crack seal per special provisions.
- 240 SF
8' wide concrete valley gutter per Detail D, Sheet C1.3.
- 250 SY
Dirty cinder roadway/driveway match-up.
- 251 SY
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- 253 SY
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- 255 SY
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4" AC / 7" stabilized base Detail 2a and typical sections, Sheet C1.2.
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- STRIPING (600)**
Note: Pavement markings shall be traffic paint per ADOT Specification 709 and ADOT's approved material list.
- 600 LF
6" solid white lane stripe per ADOT Standard Drawings M-2 & M-11.
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4" white cross-hatch stripe at 20' O.C.
- 620 EA
Solar powered speed limit feedback sign.



60% DESIGN



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preliminary
Not for
Construction

COCONINO COUNTY PUBLIC WORKS
STARDUST TRAIL RECONSTRUCTION
PLAN & PROFILE STA:
86+00 TO END

JOB NO: 23CC01
DATE: NOV 2023
BY: CRW/DCW
CHECKED: CAL

C2.8