DESIGN DATA

SR 73 2024 AADT = 16,232 VPD
SR 73 2044 AADT = 19,806 VPD
SR 73 POSTED SPEED = 55 MPH
SR 73 DESIGN SPEED = 60 MPH

LENGTH OF PROJECT

SR 73 STA 337+50.00 TO STA 355+82.00 = 1,832.00'
GROSS & NET LENGTH = 1,832.00' = 0.35 MILES
MILEPOST 341.71 TO MILEPOST 342.06

MIDPOINT OF PROJECT

ARIZONA EAST ZONE
STATE PLANE COORDINATES

X= 1046265
Y= 763400

INDEX OF SHEETS

SHEET NO	SHEET TITLE
RD1.0	COVER
1A, 1B, 1C	ADOT STANDARD DRAWINGS
RD2.1	STANDARD ABBREVIATIONS & LEGEND
RD2.2	GENERAL NOTES & DESIGN DATA
RD3.1	SURVEY CONTROL
RD4.1	TYPICAL SECTIONS
RD5.1	BARRIER SUMMARY
RD5.2	PIPE EXTENSION SUMMARY & NEW PIPE SUMMARY
RD5.3–RD5.7	PAVING PLAN & PROFILE
RD5.8	CULVERT PROFILES
RD6.1	SIGNING & MARKING GENERAL NOTES & LEGEND
RD6.2	SIGN SUMMARY
RD6.3–RD6.5	SIGNING & MARKING PLAN
RD7.1	TRAFFIC SIGNAL PLAN
RD7.2	TRAFFIC SIGNAL EQUIPMENT SCHEDULE
RD7.3	TRAFFIC SIGNAL CONDUCTOR SCHEDULE
RD8.1	TRAFFIC CONTROL NOTES
RD8.2	TRAFFIC CONTROL SCHEMATICS AND ADVANCE SIGNING
RD8.3	CONSTRUCTION SEQUENCING
RD9.1	EROSION CONTROL INDEX SHEET
RD9.2–RD9.4	EROSION CONTROL DETAILS
RD9.5–RD9.7	EROSION CONTROL PLANS
XS1–XS7	CROSS SECTIONS

REFERENCE

ADOT
STP 073–A(203)T
073 GI 330 H8678 01 C

ADOT
073 NA 340
S–215–514

EARTHWORK QUANTITIES

EXCAVATION	2,771 CY
EMBANKMENT	615 CY
WASTE	2,156 CY

EARTHWORK QUANTITIES ARE ESTIMATED VOLUMES USING NO CLEAR AND GRUB LOSS, SHRINKAGE, COMPACTION, GEOTECHNICAL FACTORS, PIPE EXCAVATION, DRAINAGE EXCAVATION, STRUCTURAL EXCAVATION, GROUND COMPACTION, BUCKLING, OR TOP SOIL HARVESTING FACTORS AND SHALL BE FOR ESTIMATING PURPOSES ONLY. THE CONTRACTOR SHALL PREPARE THEIR OWN EARTHWORK ANALYSIS FOR BIDDING PURPOSES.

ALL EARTHWORK SHALL BE INCLUDED IN THE COST OF ITEM NO. 2030301, ROADWAY EXCAVATION.

ADOT GENERAL NOTES

ROADWAY PLANS HAVE BEEN DESIGNED UTILIZING THE CONSTRUCTION STANDARD DRAWINGS (C–SERIES). REFER TO THE 1A SHEET FOR A LISTING OF CURRENT REVISION DATES.

THE PROJECT ROADWAY SHALL BE STRIPED BY THE CONTRACTOR IN ACCORDANCE WITH THE CURRENT EDITION OF THE SIGNING AND MARKING STANDARD DRAWINGS (M&S–SERIES) AND THE PAVEMENT MARKING PLANS.

OR R/W INFORMATION NOT SHOWN, SEE RIGHT–OF–WAY PROJECT NO. C–11–T–356 & 356A.

PAVEMENT LIFT THICKNESS IS NOMINAL.

WHERE ONLY THE HORIZONTAL LOCATION OF AN EXISTING UTILITY IS SHOWN, THE LOCATION IS APPROXIMATE. WHERE BOTH THE HORIZONTAL AND VERTICAL LOCATION OF AN EXISTING UTILITY IS SHOWN, THE LOCATION HAS BEEN VERIFIED BY FIELD SURVEY METHODS. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT BLUE STAKE LAWS AND SECTION 107.15 OF THE SPECIFICATIONS.

DELINEATORS, OBJECT MARKERS AND MILE POST MARKERS SHALL BE REMOVED AND RESET AS REQUIRED.

THE AVERAGE PROJECT ELEVATION IS 5420'.

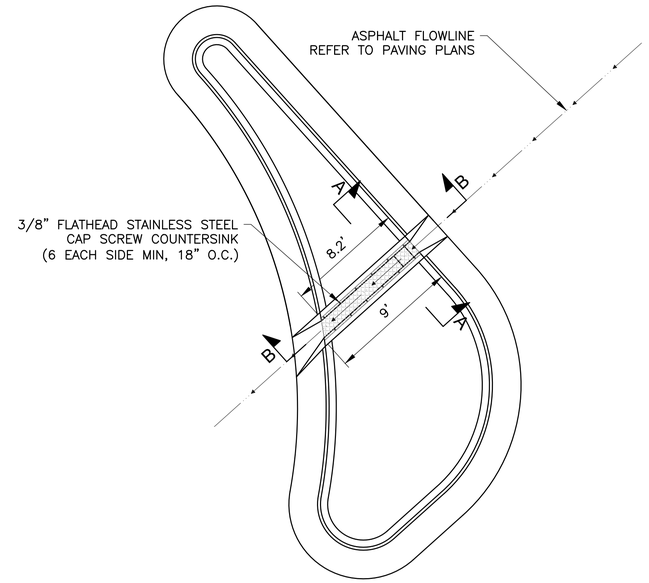
NEW RIGHT–OF–WAY AND EASEMENTS ARE NOT REQUIRED.

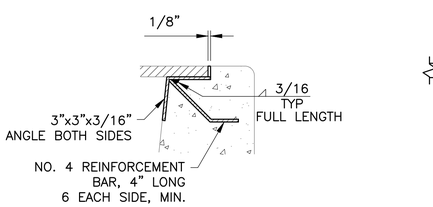
SURVEY MONUMENTS MUST NOT BE DISTURBED.

THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ADOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PROJECT PLANS, AND PROJECT SPECIAL PROVISIONS.

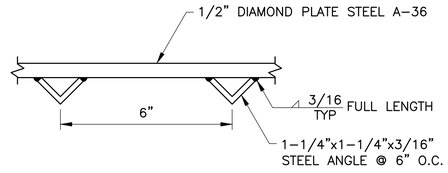
TRAFFIC CONTROL REQUIREMENTS WILL BE IN ACCORDANCE WITH THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE ARIZONA SUPPLEMENT TO THE 2009 MUTCD AND/OR BY SPECIAL PROVISIONS IN THE PROJECT PLANS.

THE PAVEMENT SHOULDER SHALL BE TREATED WITH A RUMBLE STRIP: SEE TRAFFIC SHEETS.

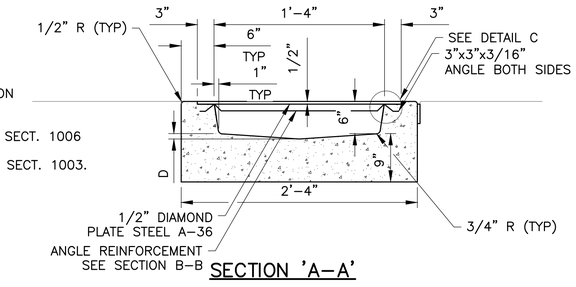




DETAIL C



SECTION 'B–B'



SECTION 'A–A'

NOTES
1. TREAT STEEL WITH NATINA® STEEL SOLUTION PER MANUFACTURER'S RECOMMENDATIONS
2. D EQUALS VALLEY GUTTER DEPTH
3. CONCRETE SHALL BE CLASS B PER ADOT SECT. 1006 AND INSTALLED PER SECT. 1006.
4. PLATED STEEL SHALL BE PER ADOT SPEC SECT. 1003.

A

RIPRAP GRADATION, D_{50}=10.0"	
STONE SIZE	PERCENT OF GRADATION SMALLER THAN
14"	100
12"	85
10"	50
8"	15

1 FLOW–THRU SCUPPER
NTS

IHS Whiteriver Hospital
200 W Hospital Drive
Whiteriver, Arizona, 85941

IHS Project #: 131445
IHS Contract #: 75H70123R00008
IHS Award Date: 02/02/2024

BASED ON PROGRAM OF REQUIREMENTS DATED [03/26/22], POR AMENDMENT DATED [02/03/25], AND ON SCHEMATIC DRAWINGS APPROVED [11/19/24].

SMITHGROUP
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602.265.2200
smithgroup.com

DIBBLE
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SUITE 150
GOODYEAR, AZ 85395
623.935.2258
dibblecorp.com

ISSUED FOR	DATE
BID ADDENDUM-A	16APR26
FINAL CONSTRUCTION DOCUMENTS	05MAR26

SEALS AND SIGNATURES

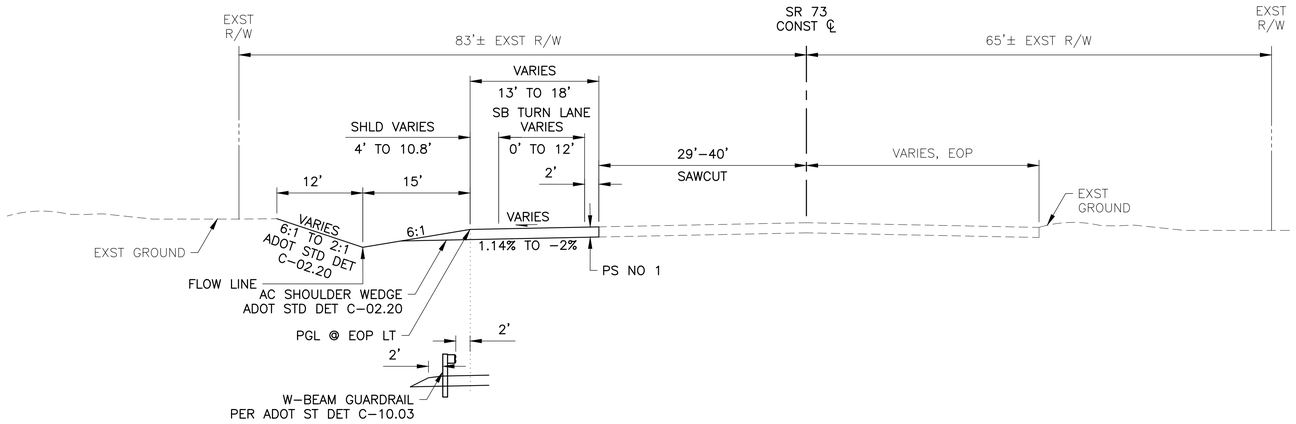
Registered Professional Engineer (Civil) CERTIFICATE NO. 53736 IAN B. MOWRY Date Signed 04/15/26 STATE OF ARIZONA

SHEET TITLE
GENERAL NOTES & DESIGN DATA

DRAWN BY: GIESELMAN CHECKED BY: MOWRY

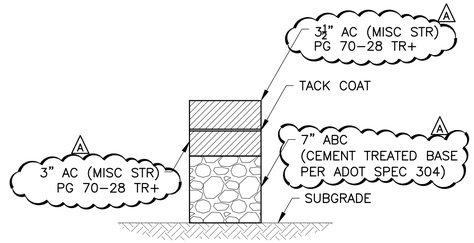
PROJECT NUMBER
CD RD2.2
PHASE SHEET NUMBER

G:\2024\1024034_IHS_WHITERIVER\CAD\1024034-RDX.X-NOTE
Plot Date: 4/15/2026 2:10 PM

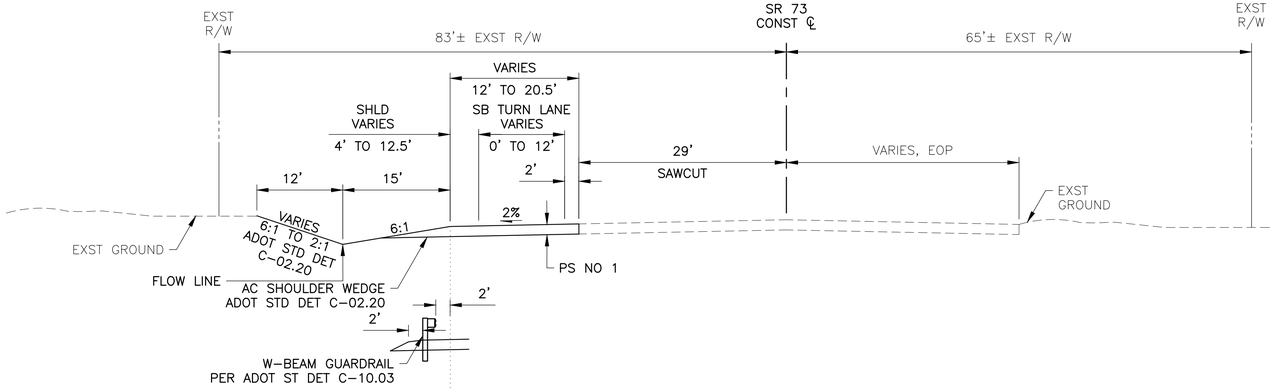


GUARDRAIL INSTALLATION
STA 341+08.04 TO STA 343+81.92

SR 73 TYPICAL SECTION
STA 337+50.00 TO STA 344+42.00

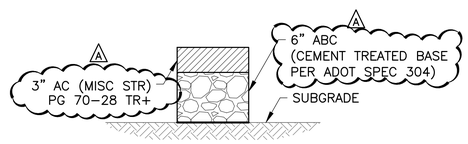


PAVEMENT SECTION NO 1
TOTAL THICKNESS = 13.5"
SR 73

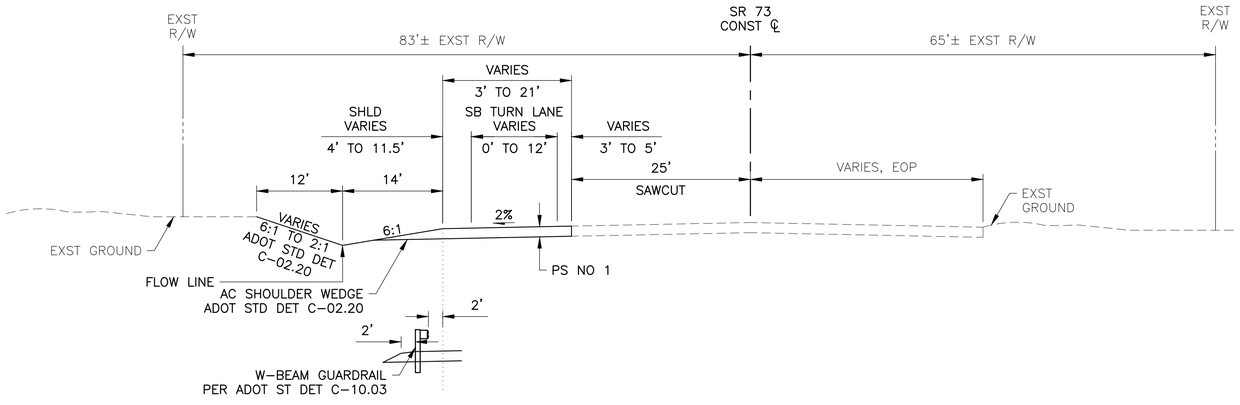


GUARDRAIL INSTALLATION
STA 348+28.10 TO STA 350+70.47

SR 73 TYPICAL SECTION
STA 344+95.00 TO STA 350+36.21



PAVEMENT SECTION NO 2
TOTAL THICKNESS = 9"
DRIVEWAYS WHERE NOTED



GUARDRAIL INSTALLATION
STA 351+14.02 TO STA 353+71.45

SR 73 TYPICAL SECTION
STA 350+36.21 TO STA 355+82.00

NOT TO SCALE

IHS Whiteriver Hospital

200 W Hospital Drive
Whiteriver, Arizona, 85941

IHS Project #: 131445
IHS Contract #: 75H70123R00008
IHS Award Date: 02/02/2024

BASED ON PROGRAM OF REQUIREMENTS DATED [03/26/22], POR AMENDMENT DATED [02/03/25], AND ON SCHEMATIC DRAWINGS APPROVED [11/19/24].

SMITHGROUP

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smithgroup.com

DIBBLE

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GOODYEAR, AZ 85395
623.935.2258
dibblecorp.com

ISSUED FOR	DATE
BID ADDENDUM-A	16APR26
FINAL CONSTRUCTION DOCUMENTS	05MAR26

SEALS AND SIGNATURES

Registered Professional Engineer (Civil)
CERTIFICATE NO.
53736
IAN B.
MOWRY
Date Signed 04/15/26

SHEET TITLE
TYPICAL SECTIONS

DRAWN BY: GIESELMAN CHECKED BY: MOWRY

PROJECT NUMBER
CD RD4.1
PHASE SHEET NUMBER

Plot Date: 4/15/2026 2:10 PM
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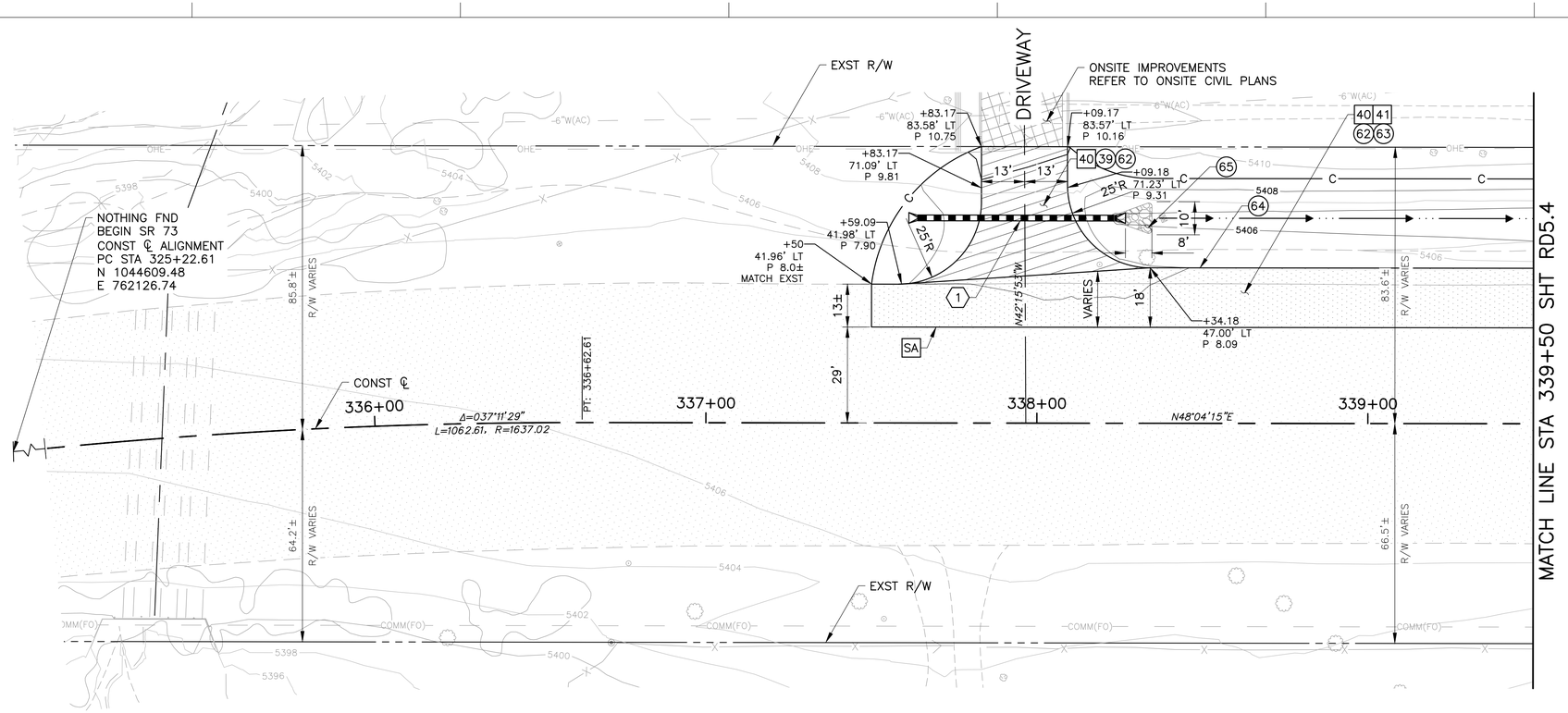

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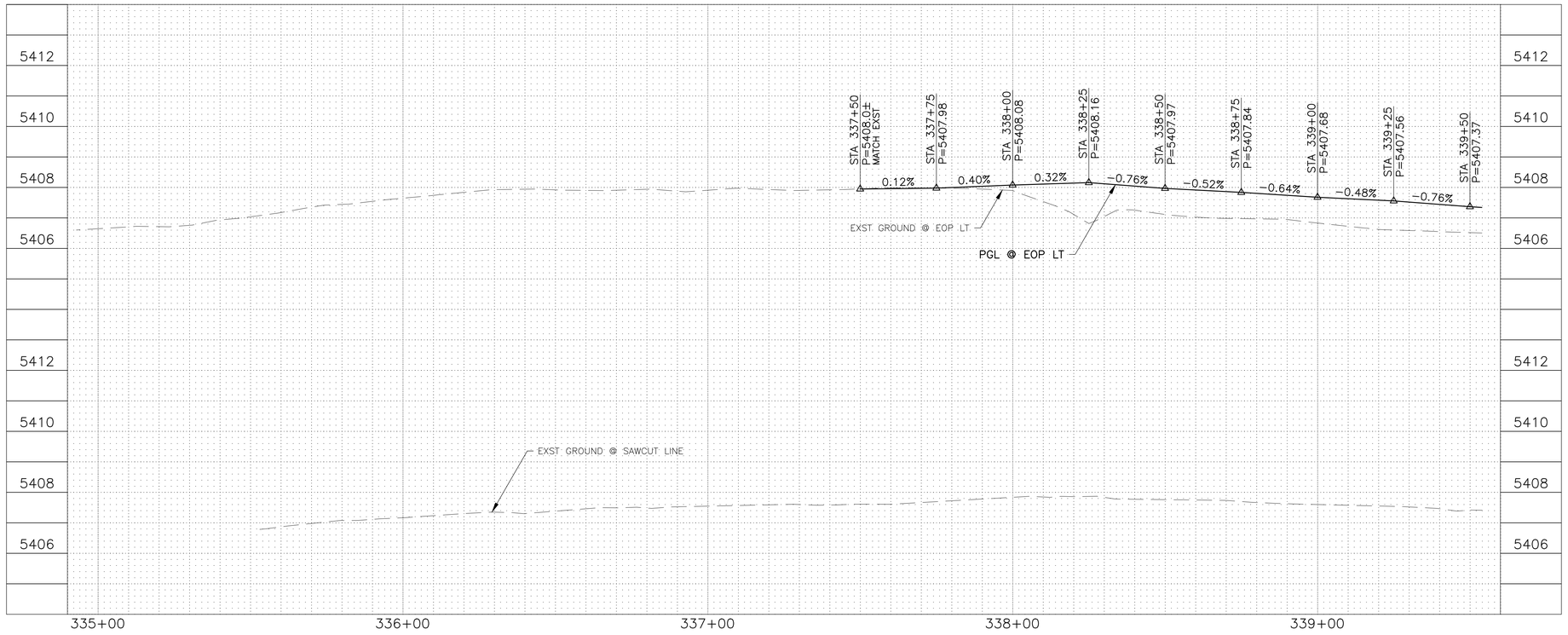

REMOVAL NOTES

- 40 CLEARING AND GRUBBING
- 41 REMOVE AC PAVEMENT (FULL DEPTH, ANTICIPATED THICKNESS 6" NOMINAL)
- SA SAWCUT AC PAVEMENT (FULL DEPTH) MATCH EXST

CONSTRUCTION NOTES

- 39 PAVEMENT SECTION NO. 2 SEE SHT RD4.1
- 62 SUBGRADE PREPARATION PER ADOT SPEC 205
- 63 PAVEMENT SECTION NO. 1 SEE SHT RD4.1
- 64 AC PAVEMENT SHOULDER WEDGE ADOT STD DET C-02.20
- 65 DUMPED RIP RAP D50=10", 2' THICK GRADATION PER TABLE SHT RD2.2 DIM PER PLAN

NOTES:
1. SEE RD5.8 FOR CULVERT PROFILES.
2. ADD 5400' TO ALL SPOT GRADES
3. DESIGN PROFILE PROVIDED DUE TO SUPERELEVATION CHANGE.

0' 10' 20' 40'
SCALE: 1"=20'
V: 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811 Call 811 or click Arizona811.com

IHS Whiteriver Hospital
200 W Hospital Drive
Whiteriver, Arizona, 85941

IHS Project #: 131445
IHS Contract #: 75H70123R00008
IHS Award Date: 02/02/2024

BASED ON PROGRAM OF REQUIREMENTS DATED [03/26/22], POR AMENDMENT DATED [02/03/25], AND ON SCHEMATIC DRAWINGS APPROVED [11/19/24].

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dibblecorp.com

ISSUED FOR	DATE
BID ADDENDUM-A	16APR26
FINAL CONSTRUCTION DOCUMENTS	05MAR26

SEALS AND SIGNATURES

Registered Professional Engineer (Civil)
CERTIFICATE NO.
53736
IAN B.
MOWRY
Date signed 04/15/26

SHEET TITLE
PAVING
PLAN & PROFILE

DRAWN BY: GIESELMAN CHECKED BY: MOWRY

PROJECT NUMBER
CD RD5.3
PHASE SHEET NUMBER

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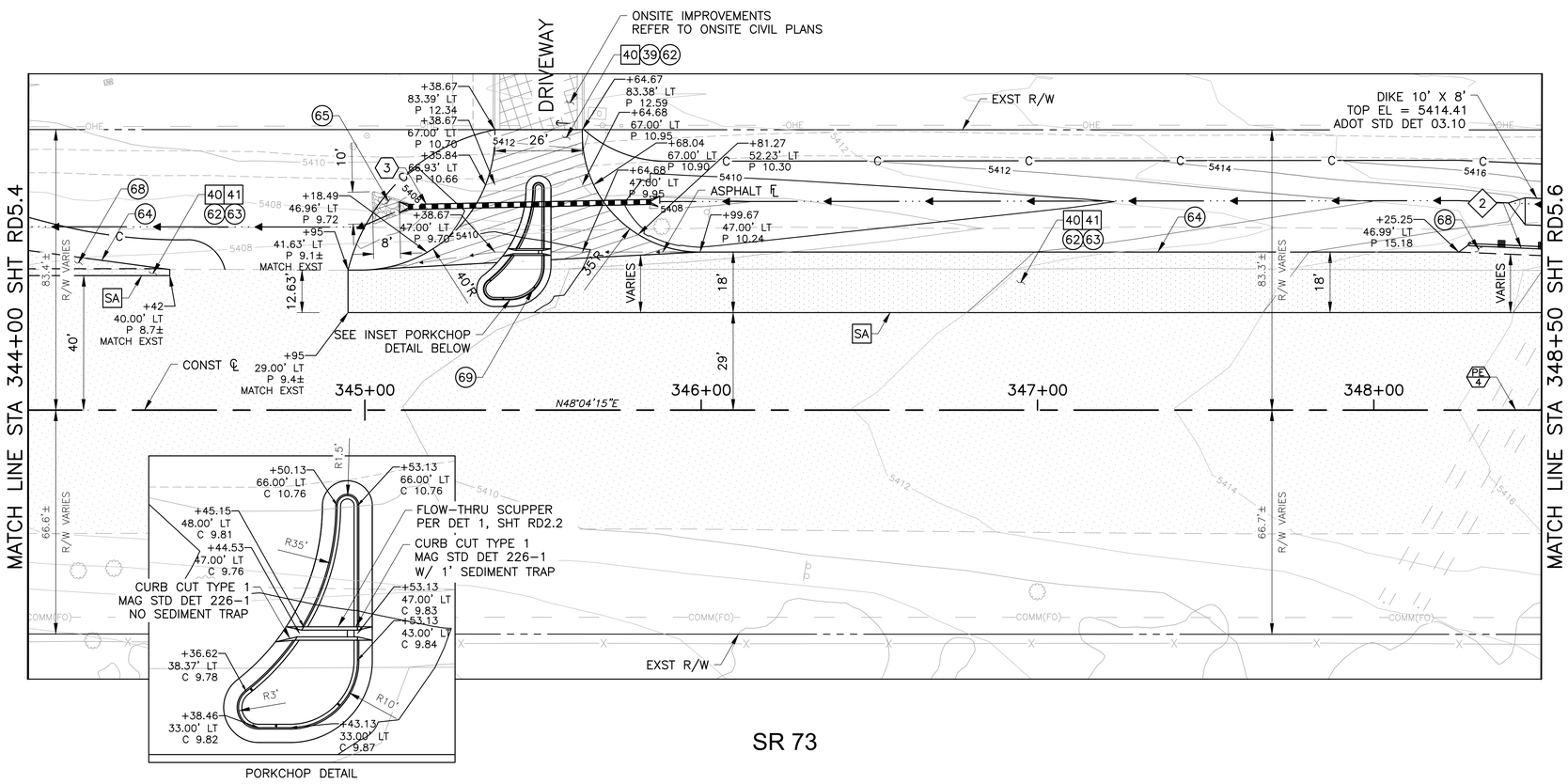

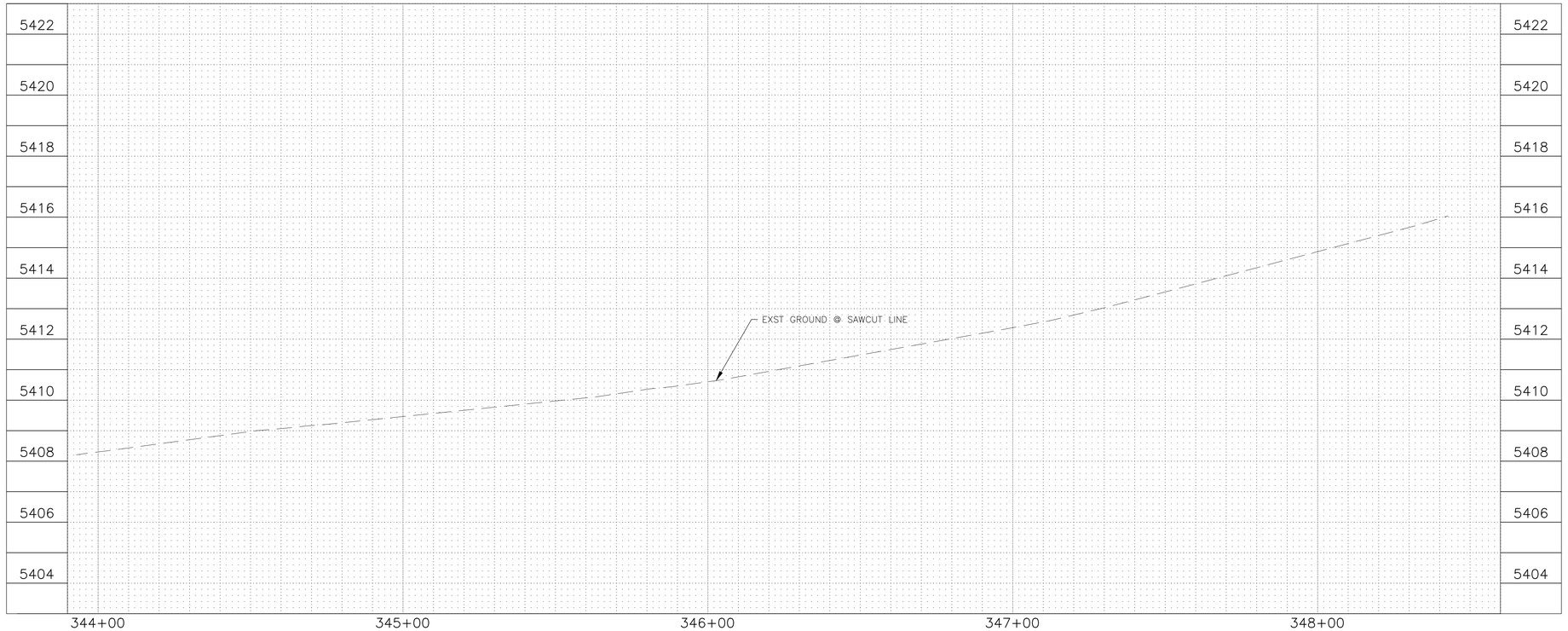

REMOVAL NOTES

40 CLEARING AND GRUBBING

41 REMOVE AC PAVEMENT (FULL DEPTH, ANTICIPATED THICKNESS 6" NOMINAL)

SA SAWCUT AC PAVEMENT (FULL DEPTH) MATCH EXST

CONSTRUCTION NOTES

39 PAVEMENT SECTION NO. 2 SEE SHT RD4.1

62 SUBGRADE PREPARATION PER ADOT SPEC 205

63 PAVEMENT SECTION NO. 1 SEE SHT RD4.1

64 AC PAVEMENT SHOULDER WEDGE ADOT STD DET C-02.20

65 DUMPED RIP RAP D50=10", 2' THICK GRADATION PER TABLE SHT RD2.2 DIM PER PLAN (A)

68 GRADE & 3" AC PER ADOT STD DET C-10.01

69 MOUNTABLE CURB TYPE G PER ADOT STD DET C-05.10

NOTES:
1. SEE RD5.8 FOR CULVERT PROFILES.
2. ADD 5400' TO ALL SPOT GRADES.
3. ALL DIMENSIONS ARE SHOWN FOR NORMAL EDGE OF PAVEMENT. SEE ADOT STD DET C-10.03 FOR DIMENSIONS BEYOND NORMAL EDGE.

0' 10' 20' 40'

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

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200 W Hospital Drive
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IHS Project #: 131445
IHS Contract #: 75H70123R00008
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BID ADDENDUM-A	16APR26
FINAL CONSTRUCTION DOCUMENTS	05MAR26

SEALS AND SIGNATURES

Registered Professional Engineer (Civil)
CERTIFICATE
53736
IAN B.
MOWRY
Date Signed 04/15/26
Arizona U.S.A.

SHEET TITLE
PAVING
PLAN & PROFILE

DRAWN BY: GIESELMAN CHECKED BY: MOWRY

PROJECT NUMBER
CD RD5.5
PHASE SHEET NUMBER

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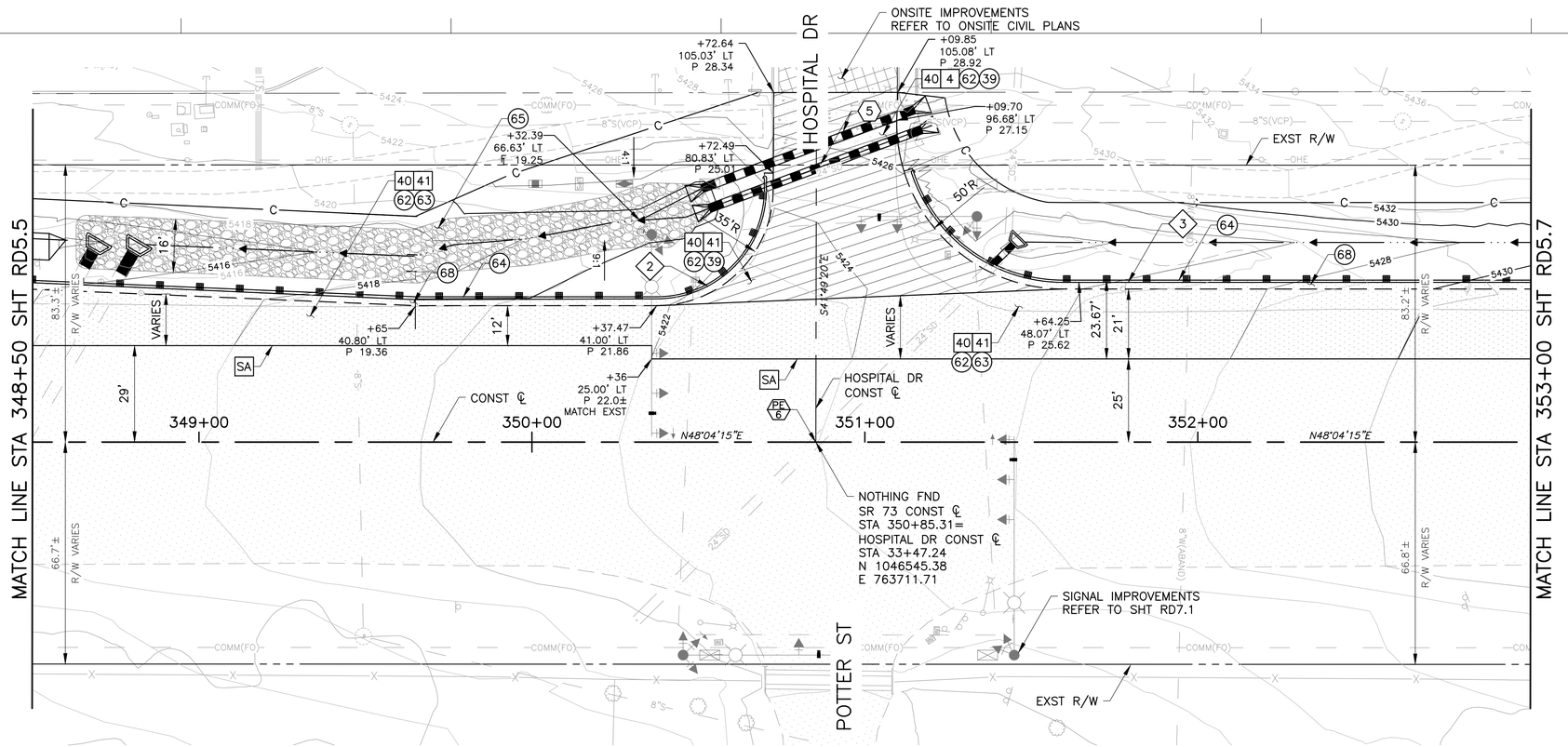

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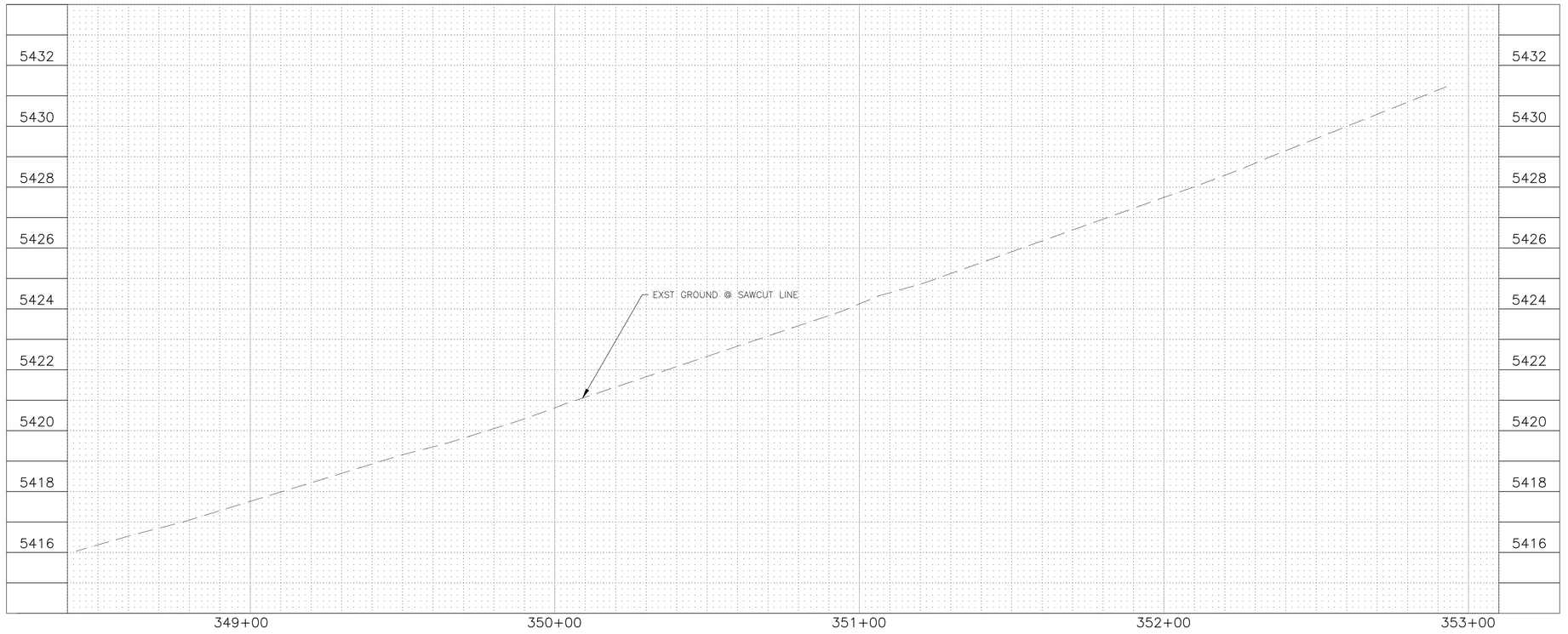

NOTES:
1. SEE RD5.8 FOR CULVERT PROFILES.
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3. ALL DIMENSIONS ARE SHOWN FOR NORMAL EDGE OF PAVEMENT. SEE ADOT STD DET C-10.03 FOR DIMENSIONS BEYOND NORMAL EDGE.

0' 10' 20' 40'
SCALE: 1"=20'
V: 1"=2'

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ARIZONA811
Call 811 or click Arizona811.com

REMOVAL NOTES

- 4 REMOVE CONCRETE PAVEMENT TO NEAREST JOINT
- 40 CLEARING AND GRUBBING
- 41 REMOVE AC PAVEMENT (FULL DEPTH, ANTICIPATED THICKNESS 6" NOMINAL)
- SA SAWCUT AC PAVEMENT (FULL DEPTH) MATCH EXST

CONSTRUCTION NOTES

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- 62 SUBGRADE PREPARATION PER ADOT SPEC 205
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200 W Hospital Drive
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IHS Project #: 131445
IHS Contract #: 75H70123R00008
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BASED ON PROGRAM OF REQUIREMENTS DATED [03/26/22], POR AMENDMENT DATED [02/03/25], AND ON SCHEMATIC DRAWINGS APPROVED [11/19/24].

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ISSUED FOR	DATE
BID ADDENDUM-A	16APR26
FINAL CONSTRUCTION DOCUMENTS	05MAR26

SEALS AND SIGNATURES

Registered Professional Engineer (Civil)
CERTIFICATE NO.
53736
IAN B.
MOWRY
Date signed 04/15/26

SHEET TITLE
PAVING
PLAN & PROFILE

DRAWN BY: GIESELMAN CHECKED BY: MOWRY

PROJECT NUMBER
CD RD5.6
PHASE SHEET NUMBER

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