



CITY OF SCOTTSDALE

PUBLIC IMPROVEMENTS

COUNCIL
DAVID ORTEGA, MAYOR
KATHY LITTLEFIELD, VICE MAYOR
TAMMY CAPUTI
BETTY JANIK
TOM DURHAM
BARRY GRAHAM
SOLANGE WHITEHEAD
CITY MANAGER
JIM THOMPSON
CITY ATTORNEY
SHERRY R. SCOTT
CITY CLERK
BEN LANE

"AS-BUILT" CERTIFICATION
I HEREBY CERTIFY THAT THE "AS-BUILT" IMPROVEMENTS AS SHOWN ON THESE PLANS ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR _____ DATE _____

CITY OF SCOTTSDALE

REVIEWED AND RECOMMENDED APPROVAL BY:

PAVING	STRUCTURES
GRADING & DRAINAGE	BUILDING
WATER	PLUMBING
& SEWER	MECHANICAL
TRAFFIC	ELECTRICAL
PLANNING	IMPROVEMENTS
PLANNING	FIRE
FACILITIES	FIRE
LANDSCAPE	FACILITIES
NATIVE PLANT	

ENGINEERING COORDINATION MANAGER (OR DESIGNEE) _____ DATE _____

BUILDING OFFICIAL (OR DESIGNEE) _____ DATE _____

ENGINEER

olsson
6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 825-8000

Consent Expires 8/11/24. Not for use without written permission of Olsson Engineering Associates, Inc.
C&B 8/11/24 by Olsson Associates, Inc.

PM-10 PAVE DIRT ROADS

Via Dona Rd: Hayden Rd to Pima Rd
Peak View Rd: 66th St to 69th St
Ranch Rd: Granite Reef Rd to Pima Rd
Smokehouse Trail: 81st St to 83rd St
Black Cross Rd: Lone Mountain Rd to Black Cross cul-de-sac
Granite Reef Rd: Lone Mountain Rd to Ranch Rd

PROJECT NO. 2020-049-COS

SHEET INDEX

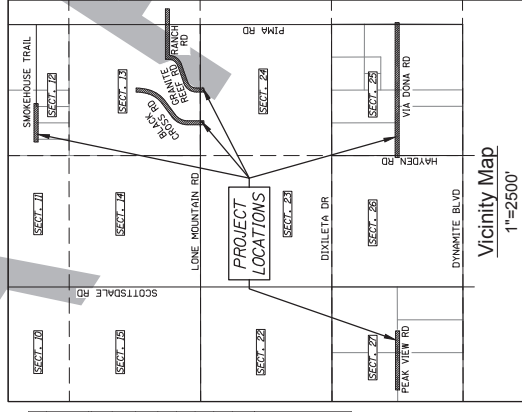
Sht. No.	Dwg. No.	Description
1	G1	COVER SHEET
2	G2	LEGEND, ABBV., & GENERAL NOTES
3	G3	KEY MAP
4-5	G4-G5	SURVEY CONTROL
6	G6	QUANTITY SUMMARY
7	G7	TYPICAL SECTIONS
8-9	G8-G9	DETAILS
10-20	P1-P11	VIA DONA RD PAVING PLAN & PROFILE
21-25	P12-P16	PEAK VIEW RD PAVING PLAN & PROFILE
26-28	P17-P19	SMOKEHOUSE TRAIL RD PAVING PLAN & PROFILE
29-34	P20-P25	BLACK CROSS RD PAVING PLAN & PROFILE
35-38	P26-P29	GRANITE REEF RD PAVING PLAN & PROFILE
39-41	P30-P32	RANCH RD PAVING PLAN & PROFILE

UTILITY	UTILITY COMPANY	UTILITY REPRESENTATIVE	TELEPHONE NUMBER	DATE SIGNED
ELECTRIC	APS	AUGUSTINE BRENNAN	602-493-4401	1/3/2023
TELEPHONE	LUMEN	KEVIN MAGNER	815-245-9640	1/12/2023
NATURAL GAS	SOUTHWEST	ZACH STEVENSON	480-730-3855	1/4/2023
CABLE TV	COX	KATELYN MOORE	NOT PROVIDED	2/9/2023
ELECTRIC	SRP	JESSICA MILES	602-236-8189	5/10/2023
CATV/FIBER	COMCAST	NOT PROVIDED	801-364-1043	6/9/2022
TELEPHONE	MC/VERIZON	SARA JUSTIN	NOT PROVIDED	6/6/2022
SEWER	BLACK MOUNTAIN	NOT PROVIDED	NOT PROVIDED	6/9/2022

Engineer's Certification: I, Kimberly Wheeler, as the Engineer of Record for this development, hereby certify that all utility companies listed above have been provided final "As-Built" information for the project. In addition, "No Conflict" forms have been obtained from each utility company and are included in this submittal.

Signature: *Kimberly Wheeler* Date: 6/23/2023

Community Number	FIRM (Flood Insurance Rate Map Block (FIRM))	Date of Flood Insurance Rate Map Block (FIRM)	Base Flood Elevation Zone (in A.D. Zone use Depth)
06011C	1206	04/02/2021	AE
06011C	0892	04/02/2021	AE
06011C	0894	04/02/2021	AE



GENERAL CONSTRUCTION NOTES FOR CAPITAL PROJECTS

1. All improvement construction shall comply with the latest Maricopa County Association of Governments Standard Specifications and Details for Public Works Construction as amended by the latest version of the City of Scottsdale Supplemental Standard Specifications and Details and City of Scottsdale's Design Standards & Policies Manual (DSPM). If there is a conflict, the latter shall apply. All facilities construction shall comply with the latest building codes as amended and adopted by the City of Scottsdale.
2. The engineering designs on these plans are approved by the City in scope and not in detail. If construction quantities are shown on these plans, they are not verified by the City.
3. Based on the information submitted on the plans and associated documents, the City has reviewed and found them to be in compliance with applicable codes, ordinances or standards as adopted by the City for right-of-way. The City does not authorize violations of any applicable code, ordinance or standards as adopted by the City.
4. Approval of the plans by the City is valid for six months. If a permit for the construction has not been issued within six months of review, the plans shall be resubmitted to the City for reapproval.
5. Any deviation from the approved plans shall be reviewed and approved by the City prior to that change being incorporated into the project.
6. A City Capital Projects Inspector will inspect all work within the City rights-of-way, easements and facilities.
7. Any Special Inspection required shall be in addition to any routine inspection by the City.
8. Private Improvements in the right of way and building permits are required for work in public right of way. Easements granted for public purposes and facilities. Permits will be issued by the City through the City's One Stop Shop. Copies of all permits shall be retained on-site and shall be available for inspection at all times. Failure to produce the required permits will result in immediate work stoppage until the proper permit documentation is obtained.
9. The contractor shall be responsible for obtaining all necessary permits for salvaging protected native plants prior to the start of construction.
10. Whenever excavation is done contact the Blue State Center at (602) 263-1100 two working days before excavation is to begin. The Center will see that the location of the underground utility lines is identified for the project.
11. All excavation and grading which is not in public rights-of-way or in easements granted for public purposes must conform to Section 1803 and Appendix J of the latest International Building Code prepared by the International Code Council. A permit for this grading must be secured from the City.
12. Thrust restraint, where required, on all City water lines shall be provided using Megalug mechanical joint restraints or City-approved equal.
13. Any asphalt mix design used on City projects shall have been approved for that use per DSPM Section 5-10 and appear on the "Approved List of Asphalt Mixes" as distributed by the East Valley Asphalt Committee (EVAC).
14. The contractor shall be responsible to remove and replace, at no additional cost to the City, all pavements, sidewalks, curb and gutter, drainage structures, etc. outside the pay limit that are damaged due to their activities on the project. This includes, but is not limited to, the removal and replacement of newly cracked roadway infrastructure, the removal and replacement of existing cracked roadway infrastructure where the cracks have been benign due to the Contractor's operations. The removal and replacement of deformed roadway infrastructure. All sawcuts used for investigation of underground utilities or structure, pursuant to Ariz. Rev. Stat. 40-360.21, the contractor must contract "Blue State" at 611 or the appropriate public utility for appearances prior to construction.
15. By submitting a proposal on this project, Contractor is representing that they have considered the potential impact of temporary or permanent relocation of existing underground utilities located within the project on their costs, and they have included in their proposals the cost of finding, protecting, and relocating all existing utilities within the project. No additional compensation or damages shall be paid to, and subcontractor due to conflicts with existing utilities, regardless of whether or not those utilities are indicated on the plans and specifications for this project.
16. The sole and exclusive remedy for any cost, hindrance, or delay assistance in locating underground facilities, lines, and caused by any utilities located within the project (whether or not indicated on the plans and specifications) shall be an extension of the contract time; the need or duration of which shall be determined by the owner at its sole discretion.

GENERAL UTILITY NOTES

1. Contractor is advised that the location, number, and type of utilities shown on these plans and specifications are only as accurate as the best information available from public utilities, owners, and users at the time these plans were prepared. The contractor shall be responsible for verifying the location, number, and type of utilities shown on the plans. No representation is made that the utility locations indicated on these plans are accurate, complete, or exclusive. Contractor is advised to undertake their own investigation of existing conditions before submitting a proposal on this project. The contractor is responsible for the cost of all test pits or other pre-construction investigation of underground utilities or structure, pursuant to Ariz. Rev. Stat. 40-360.21, the contractor must contract "Blue State" at 611 or the appropriate public utility for appearances prior to construction.
2. By submitting a proposal on this project, Contractor is representing that they have considered the potential impact of temporary or permanent relocation of existing underground utilities located within the project on their costs, and they have included in their proposals the cost of finding, protecting, and relocating all existing utilities within the project. No additional compensation or damages shall be paid to, and subcontractor due to conflicts with existing utilities, regardless of whether or not those utilities are indicated on the plans and specifications for this project.
3. The sole and exclusive remedy for any cost, hindrance, or delay assistance in locating underground facilities, lines, and caused by any utilities located within the project (whether or not indicated on the plans and specifications) shall be an extension of the contract time; the need or duration of which shall be determined by the owner at its sole discretion.

ABBREVIATIONS

A	Aggregate Base Course
ABC	Asphalt Concrete
AC	Angle Point
AP	Centerline
E	Calculated
C&G	Curb & Gutter
CJ	Construction Joint
COS	City Of Scottsdale
Comm	Communications
Cm	Center
Dist	Detail
Dr	Drawing
E	East
Elev	Elevation
E/P	Edge of Pavement
Exst	Existing
F/C	Face Of Curb
F/W	Face Of Wall
G	Gas
GB	Gutter
Grnd	Grade Break
Horiz	Horizontal
Invt	Invert
KV	Kilovolt
Loc	Located
MAG	Maricopa Association Of Governments
MCR	Maricopa County Recorder
N	North
NW	Northwest
OHE	Overhead Electric
PC	Point of Curvature
PCC	Point of Changing Curvature
PI	Portland Concrete Cement Pavement
PM/AE	Point of Intersection
PHC	Public Non-Motorized Access Easement
Proj	Project
PSI	Pounds Per Square Inch
PT	Point of Tangency
R/W	Right-of-Way
R	Range
RD	Right
S	Sidewalk
S/W	Slope
S	Sheet
SH	Sanitary Sewer
SS	Station
Sta	Standard
Std	Township
T	Top Of Curb
TC	Typical
UGE	Underground Electric
Ver	Vertical
W	Water
W	West

LEGEND

Construction Line	Section Line
Existing Right-Of-Way	Existing Edge of Pavement/Concrete
Existing Natural Gas	Existing Water (≤12")
Existing Sanitary Sewer (≤12")	Existing Storm Drain (≤12")
Existing Storm Drain (>12")	Existing Overhead Electric/Television
Existing Overhead Electric	Existing Underground Electric
Existing Ribbon Curb	Existing Fence
Existing Wall	Existing Sign
Existing Water Valve	Existing Sewer Manhole
Existing Tree (Deciduous)	Existing Tree (Palm)
Existing Tree (Coniferous)	Existing Traffic Junction Box
Existing Electric Junction Box	Existing Communication Junction Box
Existing Electric Cabinet	Existing Light Pole
Existing Electric Pole	Existing Irrigation Control Valve
Existing Mailbox	Existing Fire Hydrant
Existing Communication Manhole	Existing Water Manhole
Existing Mailbox	Existing Contour Lines
New Edge of Pavement	Grading Cut
Grading Fill	Flow Arrow
New Gablon Mattress	New Asphalt Pavement per Pavement Section No. 1
New Asphalt Pavement per Pavement Section No. 2	Graded Driveway (unpaved)

Public Works
Capital Project
Management
Scottsdale, Arizona 85251

Contract Address: 611 or Scottsdale 480-828-6000
Working hours: 8:00 AM - 5:00 PM
Call 611 or 480-828-6000

DATE	REVISION	BY
01/11/2021		BY
02/03/2021		BY
03/03/2021		BY
04/03/2021		BY
05/03/2021		BY
06/03/2021		BY
07/03/2021		BY
08/03/2021		BY
09/03/2021		BY
10/03/2021		BY
11/03/2021		BY
12/03/2021		BY

PROJECT TITLE: PM-10 PAVE DIRT ROADS

SCALE: 1" = 40'

DESIGNED: J. W. CHANDLER

DRAWN: J. W. CHANDLER

CHECKED: J. W. CHANDLER

APPROVED: J. W. CHANDLER

DATE: 01/11/2021

PROJECT NO.: 2020-049-COS

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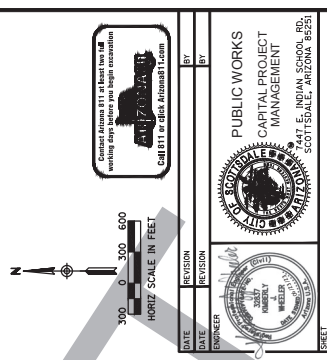
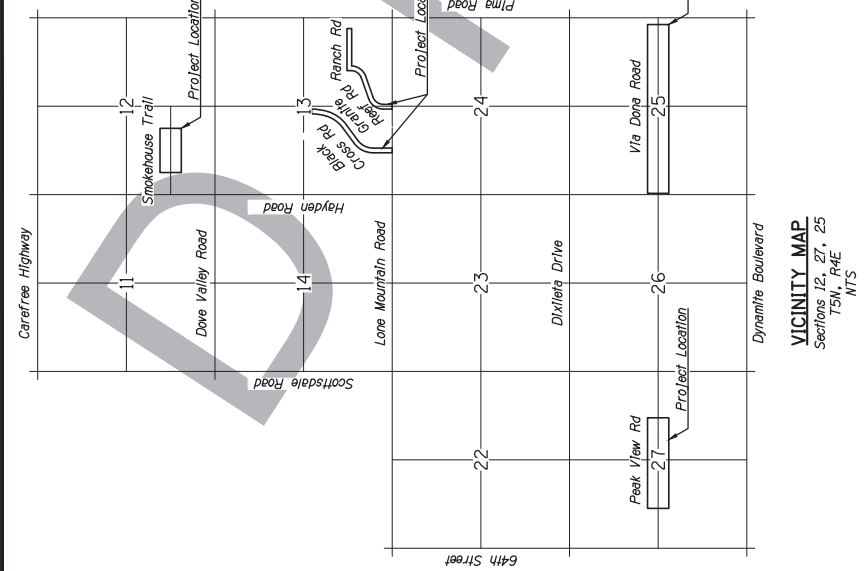
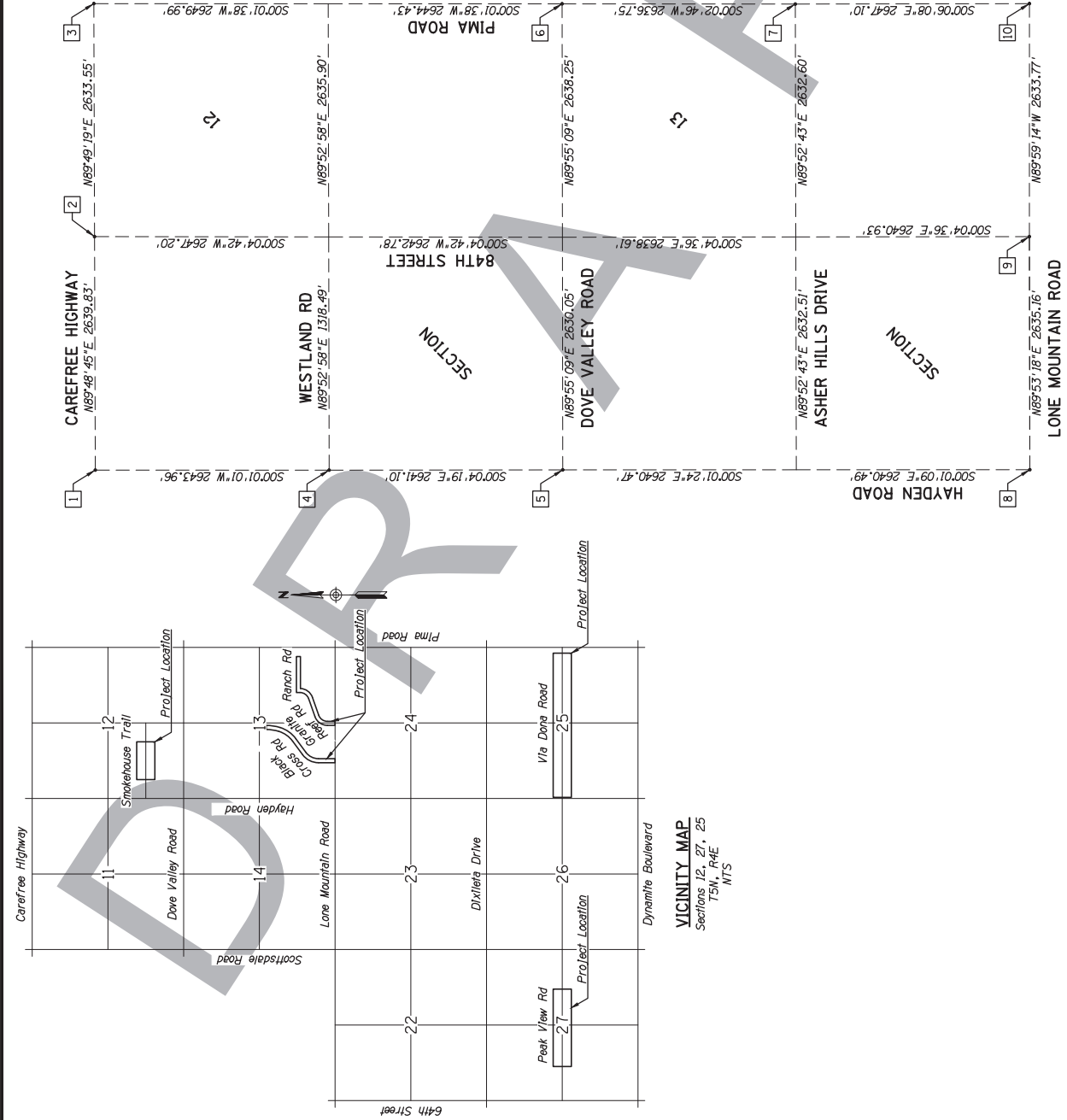


DATE	PERSON	PERSON	PERSON
DATE	PERSON	PERSON	PERSON
 			
PUBLIC WORKS CAPITAL PROJECT MANAGEMENT 1500 N. MICHIGAN AVE. SUITE 100 SCOTTSDALE, ARIZONA 85259			
KEY MAP			
PROJECT TITLE			
SCALE	PERSONS	DATE	FEED NO.
1"=100'	K.W.	05/23	
VERT. -		AS-BUILT	2020-04-25
			3 of 41



6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

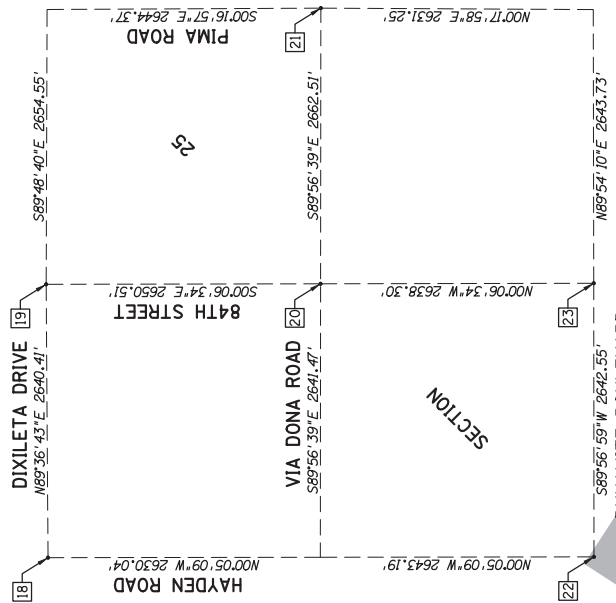
POINT TABLE				
SURVEY POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1018352.362	702471.571	2400.57	Found GLO Brass Cap
2	1018360.998	705111.390	2461.22	Found COS Brass Cap
3	1018369.176	707744.928	2503.24	Found Brass Cap
4	1015708.406	702470.786	2374.08	Found Brass Cap
5	1013067.307	702474.107	2365.68	Found MCDOT Brass Cap
6	1013074.752	707742.404	2456.26	Found Brass Cap In HH
7	1010437.998	707740.278	2426.45	Found MCDOT Aluminum Cap
8	100786.348	702476.067	2301.92	Found Brass Cap In HH
9	1007791.489	705111.225	2352.06	Found Brass Cap In HH
10	1007790.905	707744.995	2401.15	Found Brass Cap
11	1002490.359	691904.571	2076.42	Found Brass Cap In HH
12	1002497.832	694543.872	2124.34	Found Brass Cap
13	1002503.956	697185.853	2161.08	Found Brass Cap In HH
14	999845.333	691899.931	2046.40	Found GLO Brass Cap
15	999855.979	694542.753	2090.82	Found Aluminum Cap
16	999866.087	697184.377	2135.47	Found Brass Cap In HH
17	997214.835	694542.288	2063.94	Found Brass Cap In HH
18	1002499.752	702467.370	2254.40	Found Brass Cap
19	1002517.629	705107.719	2293.61	Found GLO Brass Cap
20	999867.138	705112.776	2268.81	Found 1/2" Rebar
21	999864.540	707775.289	2306.48	Found MCDOT Brass Cap
22	997226.526	702475.266	2183.90	Found Brass Cap
23	997228.841	705117.810	2228.76	Found Monument



DATE	REVISION	BY
DATE	REVISION	BY
DATE	REVISION	BY

PROJECT TITLE: PUBLIC WORKS CAPITAL PROJECT MANAGEMENT
MANAGEMENT
401 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE: SURVEY CONTROL	
PROJECT TITLE: PM-10 PAVE DIRT ROADS	
SCALE: DESIGNED 1"=600'	SHEET NO. 4-4
DATE: 08/27/23	PROJECT NO. 2020-049-COS
BY: [Signature]	4 of 41

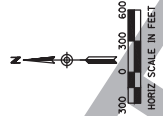


SECTION

SECTION

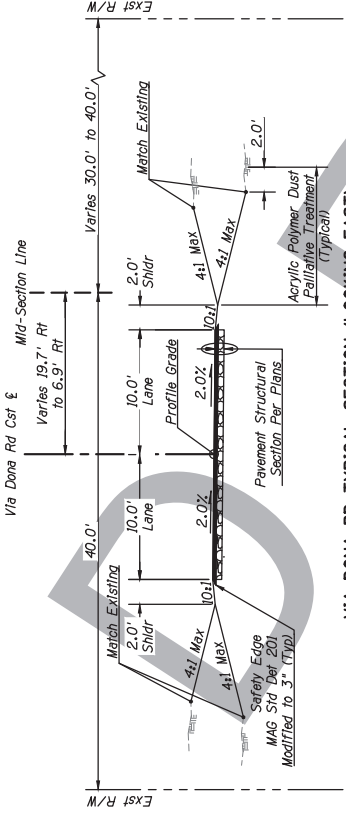
589°48' 31"W 2646.10'
DYNAMITE BOULEVARD

DYNAMITE BOULEVARD



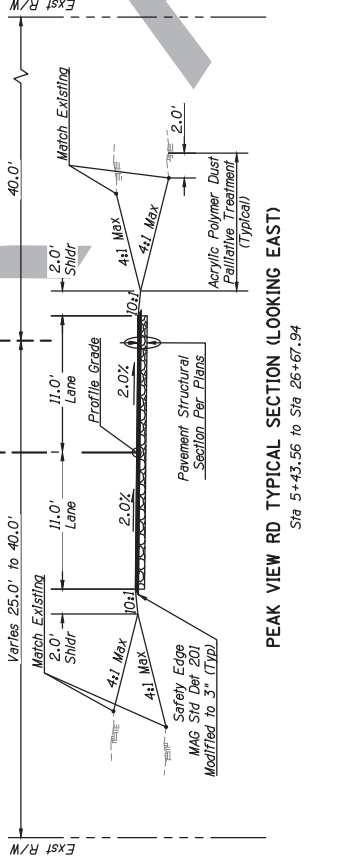
REGION	REGION	DATE	DATE	BY	BY
		PUBLIC WORKS CAPITAL PROJECT MANAGEMENT			
		4417 E. INDIAN SCHOOL RD. SCOTTSDALE, ARIZONA 85253			
		SURVEY CONTROL			
PROJECT TITLE		PM-10 PAVE DIRT ROADS			
SCALE 1 inch = 1600 feet		SHEET NO. 1 OF 1 PROJECT NO. 5-96-41			





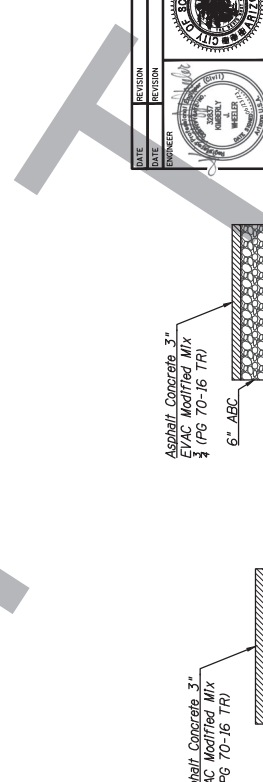
VIA DONA RD TYPICAL SECTION (LOOKING EAST)

Sta 10+42.66 to Sta 61+80.00



Smokhouse Trail Cst £

Varies 5.0' Lt



Total Thickness = 9"

DATE	REVISION	BY
	REVISION	BY

OWNER	 
	

PROJECT TITLE	PUBLIC WORKS CAPITAL PROJECT MANAGEMENT 1441 E. INDIANA AVE., MD. 20715 BALTIMORE, MARYLAND
---------------	---

SHEET NO.	TYPICAL SECTIONS
PROJECT	PM-10 PAVE DIRT ROADS

CODE	10-0000	SECTION NO.	001
DATE	05/17/23	EST. NO.	CY
DESIGNER	AS/2/3	PROJECT NO.	71641
WARRANT	1-1-51	SECTION NO.	71641



6437 W. CHANDLER BLVD SUITE 100
CHANDLER, ARIZONA 85226
(480) 828-6000

GABION MATTRESS INSTALLATION INSTRUCTIONS:

1. Unroll the gabion mattress unit over the place of installation.
2. Lift the ends, the sides, and the dividers in position and join the connecting edges with continuous wire ties (see detail on this drawing for installing the wire ties.)
3. Cover the entire area to be protected by tying the individual gabion mattress together. Tie gabion mattresses together along the sides and ends.
4. Fill individual sections with salvaged stones starting from the bottom.
5. The filling operation can be carried out with any type of machinery but voids should be kept to a minimum and the exposed face shall be smooth.
6. After filling has been completed, the lids shall be tied to the sides, edges, dividers, and diaphragms.
7. Use salvaged stones from existing gabion basket removals.

GABION MATTRESS SPECIFICATIONS:

Mesh Opening=2-1/2"
Mesh Wire=0.087"
Salvaged wire=0.106"
Lacing Wire=0.087"
Zinc Coating=0.70 OZ./SQ.FT

Wires, Zinc Coating In Accordance With ASTM A641-97, Class III Soft Temper Coating.

Gabion Sizes: ±5% On The Length, Width, And Height.

Mesh Opening: Tolerances On The Hexagonal, Double Twisted Wire Mesh opening shall not exceed ±10% On The Nominal Dimension Of 2-1/2".

NOTES:

1. Contractor to overlap geotextile filter fabric per manufacturer's specifications.
2. Backfill with native soils compacted in 6" lifts to 95% of standard proctor with compaction test every other lift.

LOW WATER CROSSING DATA
TABLE - BLACK CROSS RD

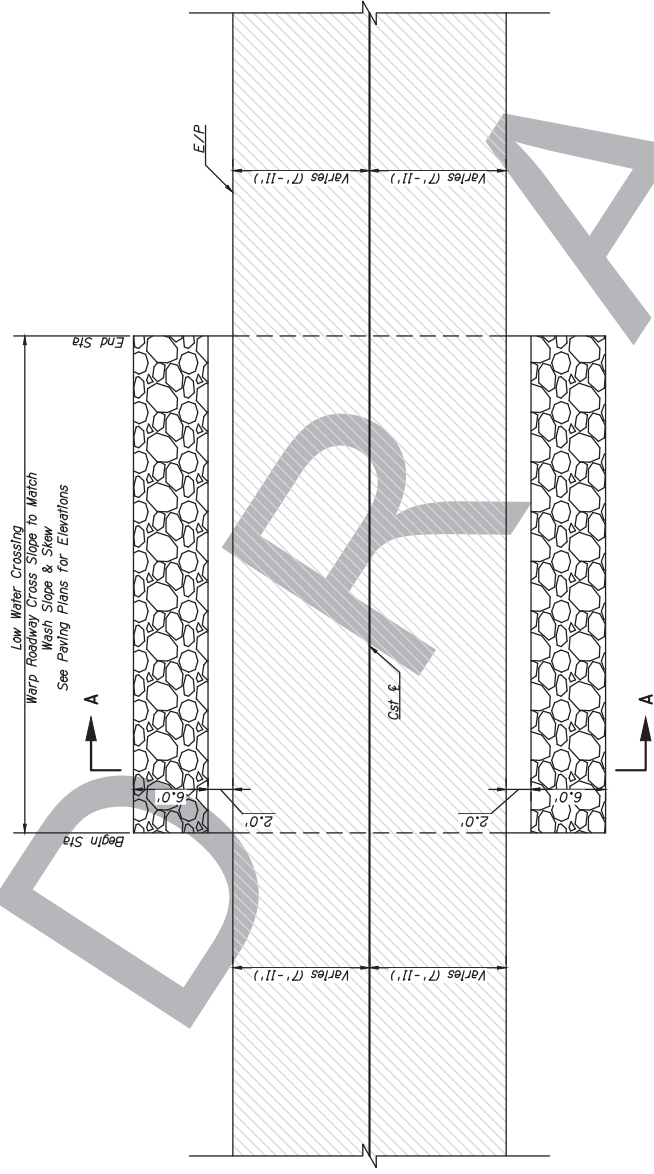
Begin	End	Station	Cur-Off Wall	Min Depth
12+07 Lt & Rt	12+57 Lt & Rt	31+76 Lt	3'	3'
31+22 Rt	31+95 Rt	31+95 Rt	3'	3'
34+19 Lt & Rt	34+79 Lt & Rt			3.5'

LOW WATER CROSSING DATA
TABLE - PEAK VIEW RD

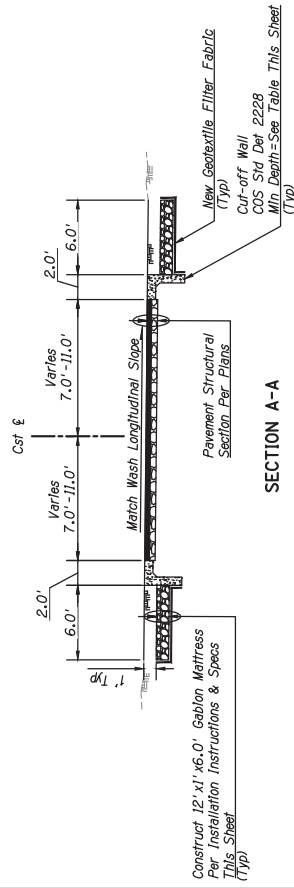
Begin	End	Station	Cur-Off Wall	Min Depth
9+67 Rt	12+12 Rt		3'	3'
11+55 Lt	12+17 Lt			3'
20+33 Lt & Rt	21+13 Lt & Rt			3'

LOW WATER CROSSING DATA
TABLE - VIA DONA RD

Begin	End	Station	Cur-Off Wall	Min Depth
50+76 Rt & Lt	57+17 Rt & Lt			4'

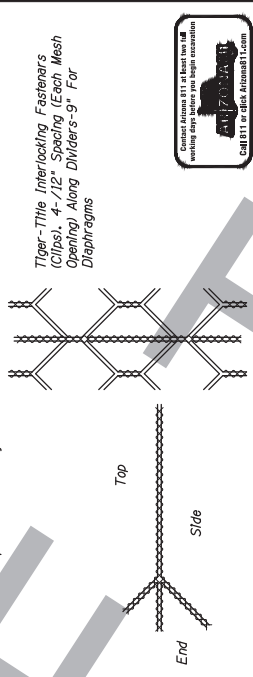


PLAN



SECTION A-A

1 LOW WATER CROSSING W/ CUT-OFF WALL



WIRE TIE DETAIL



DATE	REVISION	BY
DATE	REVISION	BY

PROJECT NO. 2020-049-COS
SHEET NO. 8 OF 41

PROJECT TITLE
PM-10 PAVE DIRT ROADS

DETAILS

SCALE
HORIZ. 1"=5'
VERT. 1"=5'

DESIGNED
BY
CHECKED
BY

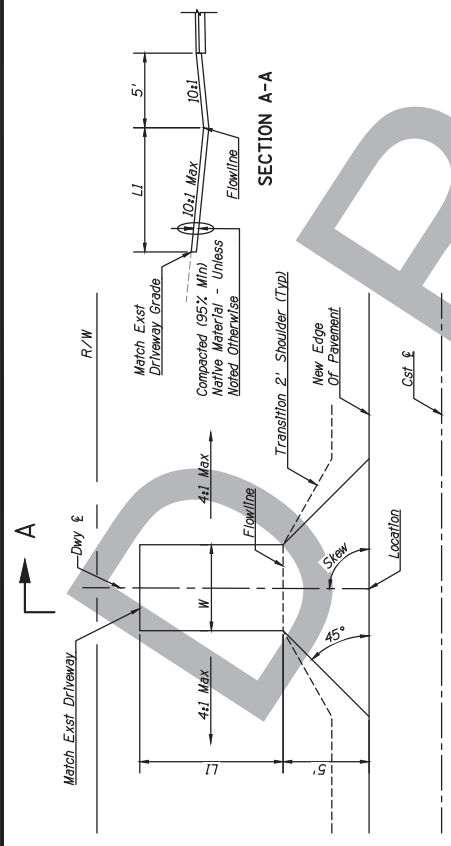
DATE
APPROVED
DATE

PROJECT NO.
2020-049-COS

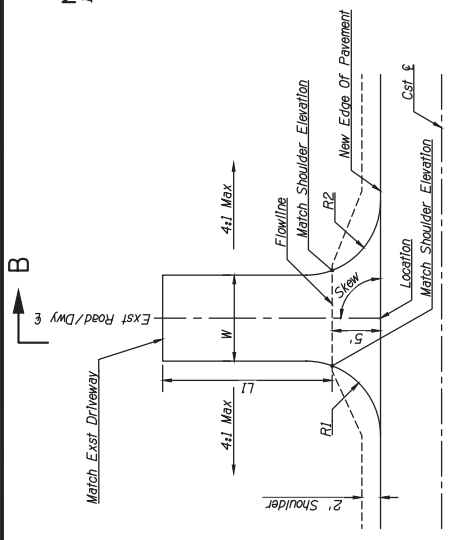
SHEET NO.
8 OF 41

NOTES:

1. Stations & dimensions shown are approximate. Contractor shall field adjust as needed so that the driveways/turnouts align with existing driveways and side street connections in the field.



SECTION A-A



SECTION B-B

DATA TABLE				
Location	W	Skew	LI	
12+10 Lt	22'	90°	5'	
13+40 Lt	21'	90°	6'	
14+08 Lt	24'	90°	6.5'	
14+93 Rt	16'	90°	16'	
18+24 Lt	21'	90°	5'	
19+42 Lt	22'	90°	9'	
26+56 Lt	36'	90°	6'	
28+12 Rt	28'	90°	5'	
33+26 Lt	16'	90°	13'	
42+63 Lt	30'	90°	9'	
43+27 Lt	40'	90°	8.5'	
8+46 Rt	12'	90°	11'	
8+66 Lt	10'	90°	5'	
10+02 Lt	10'	90°	3.5'	
14+31 Rt	21'	90°	12'	
16+73 Rt	10'	90°	6'	
17+87 Rt	16'	90°	6'	
18+28 Rt	12'	90°	6.5'	
22+91 Rt	20'	90°	5'	
25+80 Rt	18'	84°	19'	
11+47 Lt	30'	90°	5.5'	
14+12 Rt	30'	90°	3'	
14+77 Lt	20'	90°	12'	
20+12 Rt	14'	90°	1'	

DATA TABLE				
Location	W	Skew	LI	
11+22 Rt	12'	90°	11'	
26+25 Rt	10'	90°	11'	
29+53 Lt	18'	90°	11'	
34+03 Rt	20'	90°	6.5'	
36+51 Rt	20'	90°	10'	
38+17 Rt	27'	90°	2.5'	
12+68 Lt	18'	90°	8'	
15+62 Lt	26'	90°	7'	
16+39 Rt	20'	98°	20'	
17+65 Lt	35'	90°	12'	
18+18 Rt	20'	70°	21'	
20+59 Rt	20'	90°	15.5'	
23+19 Rt	10'	77°	15'	
23+31 Lt	16'	60°	11'	
25+32 Rt	24'	76°	6'	

DATA TABLE						
CS# &	Location	Street Name	W	RI/R2	LI	Skew
RD	13+43 Rt	Private	16'	20' / 15'	24'	57°
	23+21 Lt	82nd St	14'	30' / 30'	25'	90°
	23+32 Rt	82nd St	20'	20' / 20'	15'	90°
	29+86 Rt	83rd St	20'	30' / 30'	15.5'	90°
VIA DONA RD	32+32 Rt	Private	20'	20' / 10'	29'	57°
	33+98 Rt	Private	16'	20' / 10'	27'	79°
	36+47 Lt	84th St	23'	20' / 20'	10'	90°
	49+44 Rt	Private	12'	5' / 20'	14'	142°
RD	50+58 Rt	Private	14'	20' / 5'	13'	41°
	6+77 Lt	66th St	25'	20' / 20'	6'	90°
	6+78 Rt	66th St	22'	20' / 20'	15'	90°
	10+57 Lt	Private	26'	20' / 20'	5'	90°
PEAK VIEW RD	12+85 Rt	Private	22'	20' / 20'	32'	41°
	13+31 Lt	67th St	22'	20' / 20'	12'	90°
	19+95 Rt	68th St	22'	20' / 20'	16'	90°
	20+01 Lt	68th St	22'	20' / 20'	15'	90°
TRAIL	10+03	81st St	17'	30' / 30'	28'	85°
	16+63	82nd St	16.5'	20' / 20'	15'	90°
	19+70	Private	14'	5' / 10'	0'	90°
	23+13	83rd St	31'	40' / 49'	17'	90°
SMOKEHOUSE						

DATA TABLE					
Location	Street Name	W	RI/R2	LI	Skew
13+18 Lt	Private	21'	15' / 20'	2.5'	90°
15+65 Lt	Private	19'	20' / 20'	10'	90°
25+68 Lt	Private	19'	15' / 15'	6'	90°
35+84 Lt	Private	24'	20' / 20'	4'	90°
13+41 Lt	Private	40'	20' / 20'	1'	90°
14+10 Rt	Private	10'	2' / 20'	8'	158°
16+81 Lt	Private	26'	20' / 20'	8'	90°
19+05 Lt	Private	10'	80' / 8'	20'	40°
24+32 Lt	Private	20'	20' / 20'	18'	90°
27+28 Rt	Private	20'	20' / 20'	12'	90°



DATE: 6/23/2023
DRAWN: JLB
CHECKED: JLB
DESIGNED: JLB
SCALE: AS SHOWN
PROJECT NO.: 2020-049-COS
SHEET TITLE: DRIVEWAY TURNOUT DETAIL
PROJECT TITLE: PM-10 PAVE DIRT ROADS
SHEET NO.: 9 of 41

PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
ARIZONA DEPARTMENT OF TRANSPORTATION
1501 W. WASHINGTON AVENUE
SCOTTSDALE, ARIZONA 85261

REMOVAL & RELOCATION NOTES	
Description	Unit/Quan
Remove AC/Millings (NPI)	SY 1066

CONSTRUCTION NOTES		Unit	Quan
1	Subgrade Preparation	SF	1270
2	3" AC Pavement per PSS No. 1, 6'	SF	1061
3	Graded Drift Driveway per Detail 2, 6'	SF	130
4	Safety Edge for MAC Sid Def 201, modified to 3" depth	-	-
5	Acrylic Copolymer Topical Dust Palliative	SF	505
6	Graded Driveway per Detail 3,	SF	75

GENERAL NOTES

- Contractor shall pothole existing underground utilities prior to construction to confirm depth. A minimum cover of 36" shall be maintained and the lines shall be protected in place during construction.

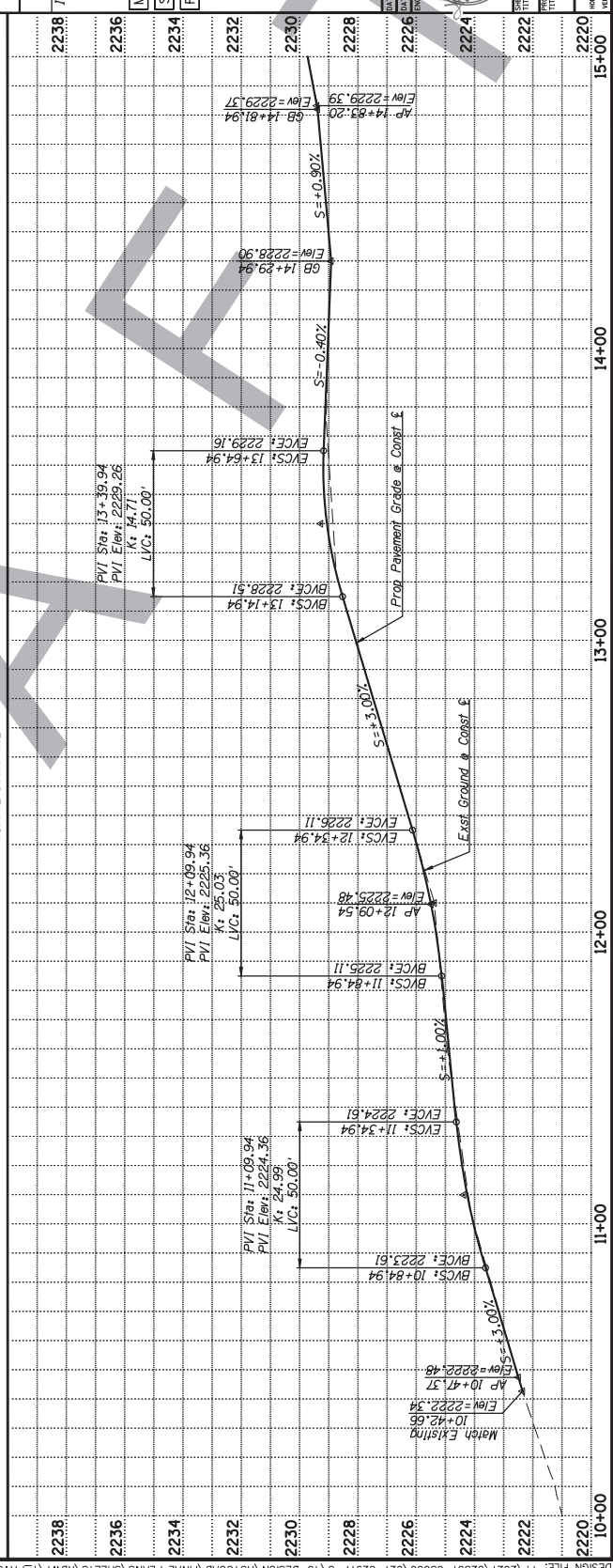
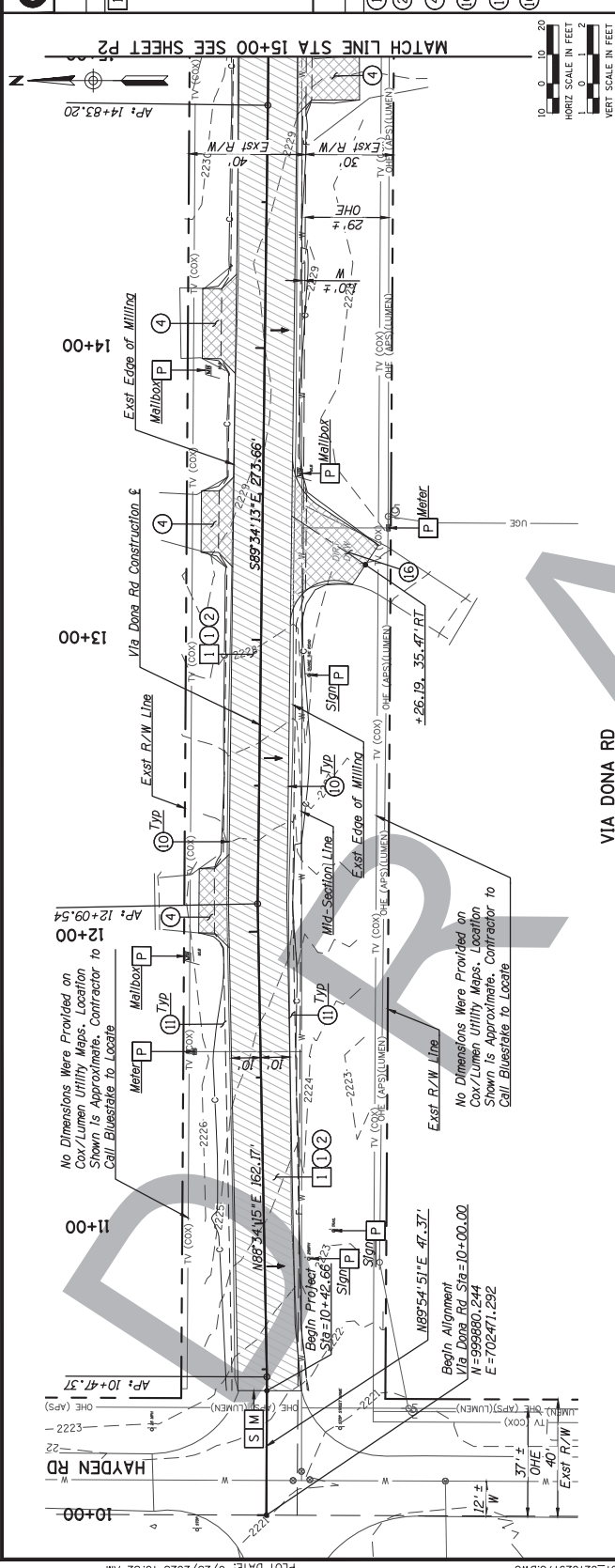
Protect In Place



PAVING PLAN & PROFILE
VIA DONA RD

PM-10 PAVE DIRT ROADS

SCALE VERT. 1"=20' HORIZ. 1"=2'	DESIGNED K W	DATE 06/23	BID NO.	SHT. P1
	DRAWN J B	AS-BUILT	PROJECT NO. 2020-049-C05	10 OF 41





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	1183

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1352
2 3" AC Pavement per PSS No. 1, 67	SY	1157
3 Graded Dirt Driveway per Detail 2, 69	SY	64
4 Safety Edge per MAG Std Det 201, modified to 3" depth	-	-
5 Acrylic Copolymer Topcoat Dust Palliative	SY	573

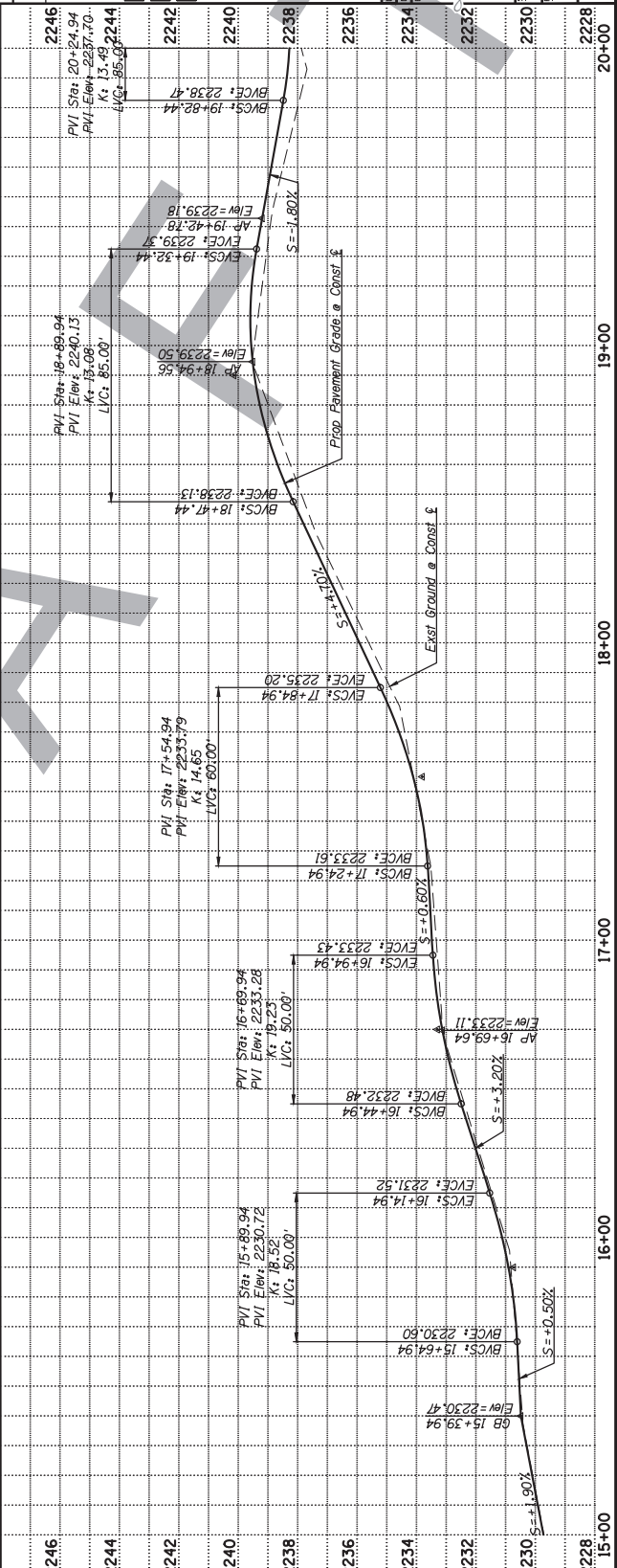
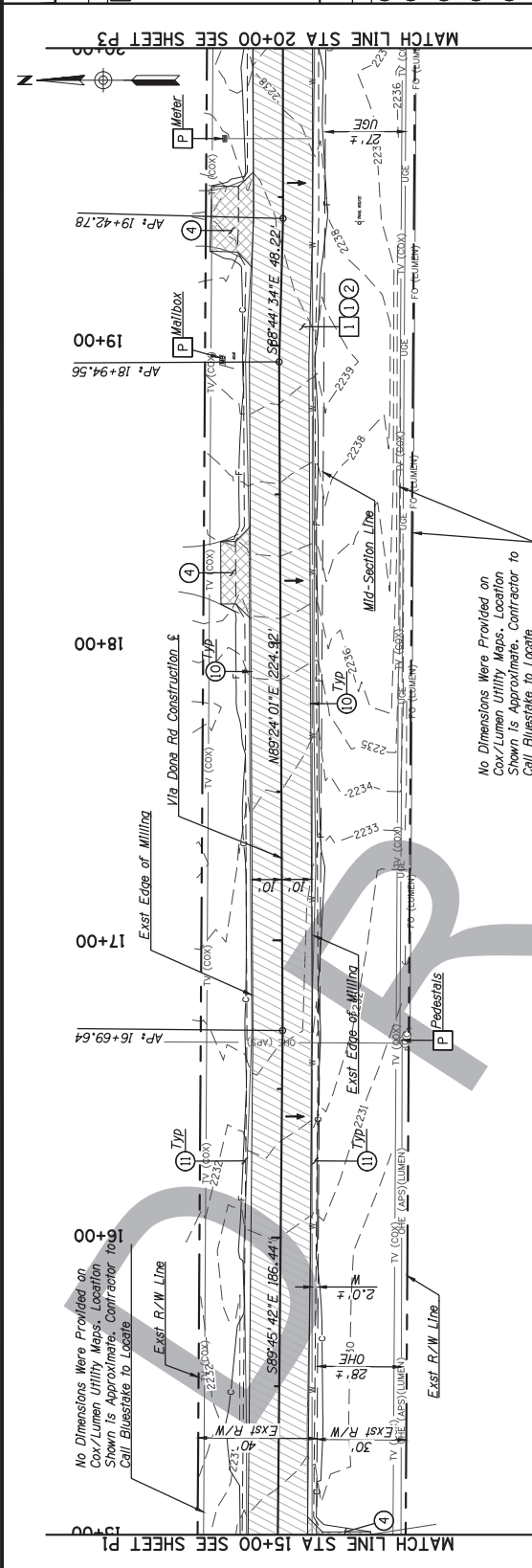
- GENERAL NOTES**
- Contractor shall protect existing underground utilities prior to construction. Confirm depth, location, and condition of all utilities. All utilities shall be protected in place during construction.
 - Match Existing
 - Sawcut
 - Protect In Place



PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
1001 N. GILBERT AVENUE, SUITE 200
SCOTTSDALE, ARIZONA 85251
TEL: 480.344.1100
WWW.PWMAZ.COM

DATE	REVISION	BY

PROJECT TITLE: PAVING PLAN & PROFILE VIA DONA RD
SHEET NO.: 2228
PROJECT NO.: 2020-049-COS
SHEET TOTAL: 11 of 41



REMOVAL & RELOCATION NOTES		
	Description	Unit+ Quan
1	Remove AC/Millings (NPI)	SY 1242

CONSTRUCTION NOTES		Unit	Quan
	Description	SY	1473
	Subgrade Preparation	SY	1153
2	3" AC Pavement per PSS No. 1,	SY	
67			
7	Adjust Valve Frame & Cover per	EA	1
	CGS Spec. 610.4 & MAG 391		
	Safety Edge per MAG Std Det	-	-
	201, modified to 3" depth		
	Acrylic Copolymer Topcoat Dust	SY	618
	Palliative		
	Reset Gas Marker	EA	1
	Paved Turnout per Detail 3,	SY	160

GENERAL NOTES	
1.	Contractor shall pothole existing underground utilities prior to construction to confirm depth. A minimum cover of 36" shall be maintained and the lines shall be protected in place during construction.
M	Match Existing

☐ **M** Match Existing
☐ **S** Sawcut
☐ **P** Protect In Place

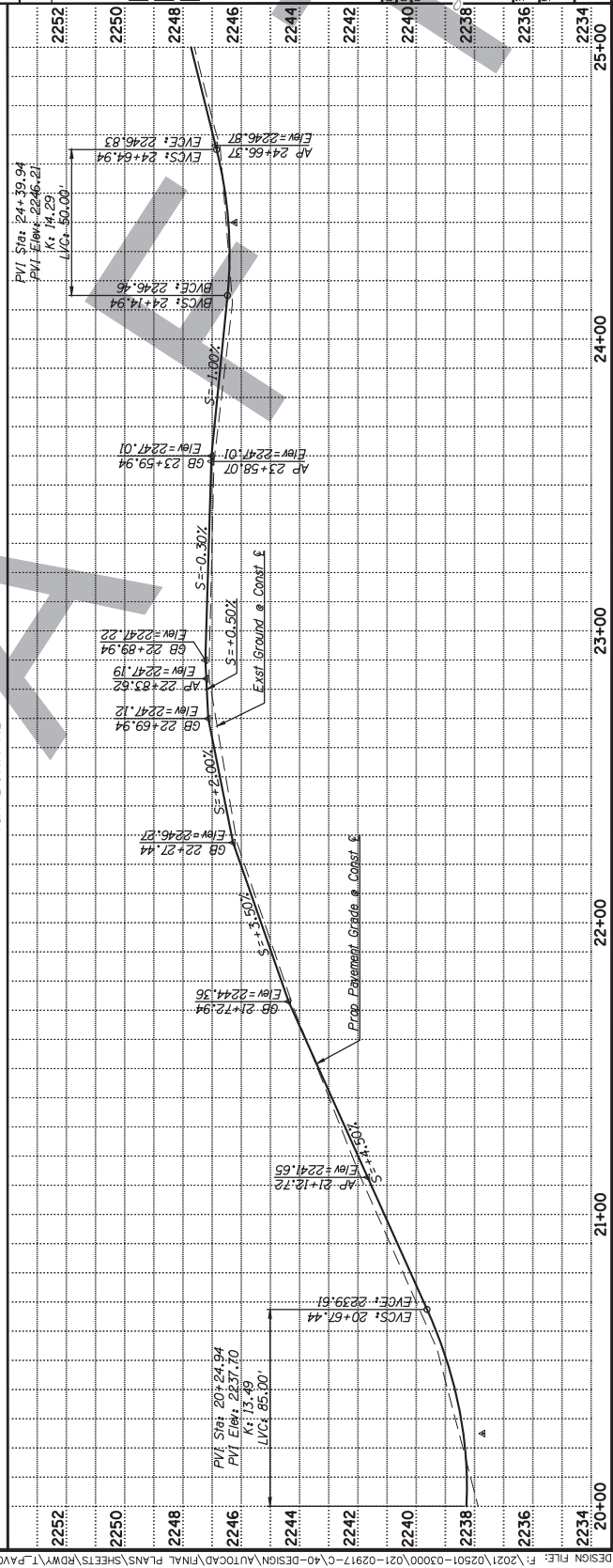
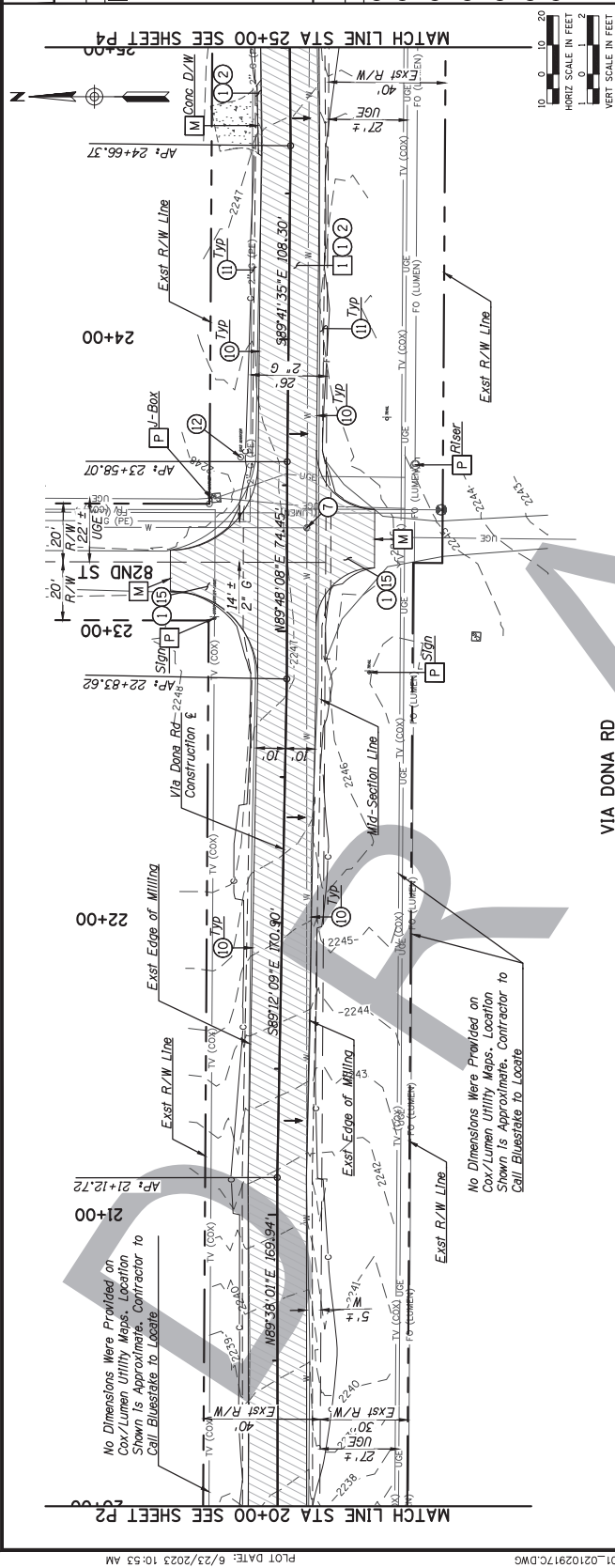


DATE	REVISION	BY
DATE	REVISION	BY
ENGINEER		



SHEET TITLE
PAVING PLAN & PROFILE
VIA DONA RD

SCALE	DESIGNED	DATE	BID NO.	SHT.
HORIZ. 1"=20'	K.W.	06/23		P.3
VERT. 1"=2'	J.B.	AS-BUILT	PROJECT NO.	12 OF 41
			2020-049-COS	





6437 W. CHANDLER BLVD SUITE
1 CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	1097

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1421
2 3" AC Pavement per PSS No. 1, 1	SY	1156
3 Graded Dirt Driveway per Detail	SY	82
4 Safety Edge per MGS Std Det	-	-
5 201, modified to 3" depth	SY	677
6 Acrylic copolymer Topical Dust	EA	3
7 Reser Gas Marker	EA	3
8 Paved Turnout per Detail 3, 69	SY	71

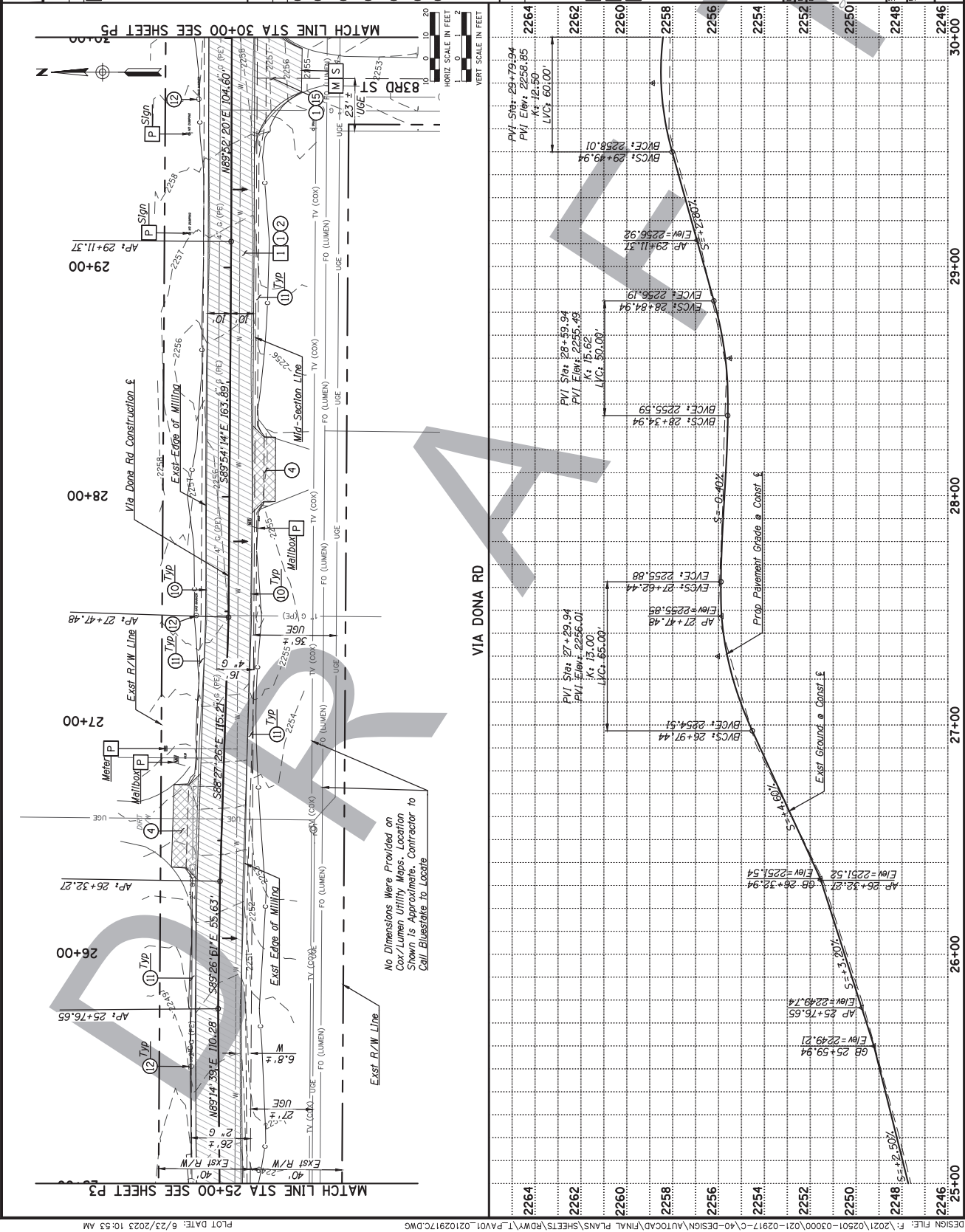
GENERAL NOTES		
1 Contractor shall protect existing underground utilities prior to construction to confirm depth. A minimum cover of 36" shall be maintained and the lines shall be protected in place during construction.		
M Match Existing		
S Sawcut		
P Protect In Place		



PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
147 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
VIA DONA RD

SCALE	DESIGNED	DRAWN	CHECKED	BY
1"=20'	1"=20'	1"=20'	1"=20'	1"=20'
VERT. 1"=2'	VERT. 1"=2'	VERT. 1"=2'	VERT. 1"=2'	VERT. 1"=2'





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	1096

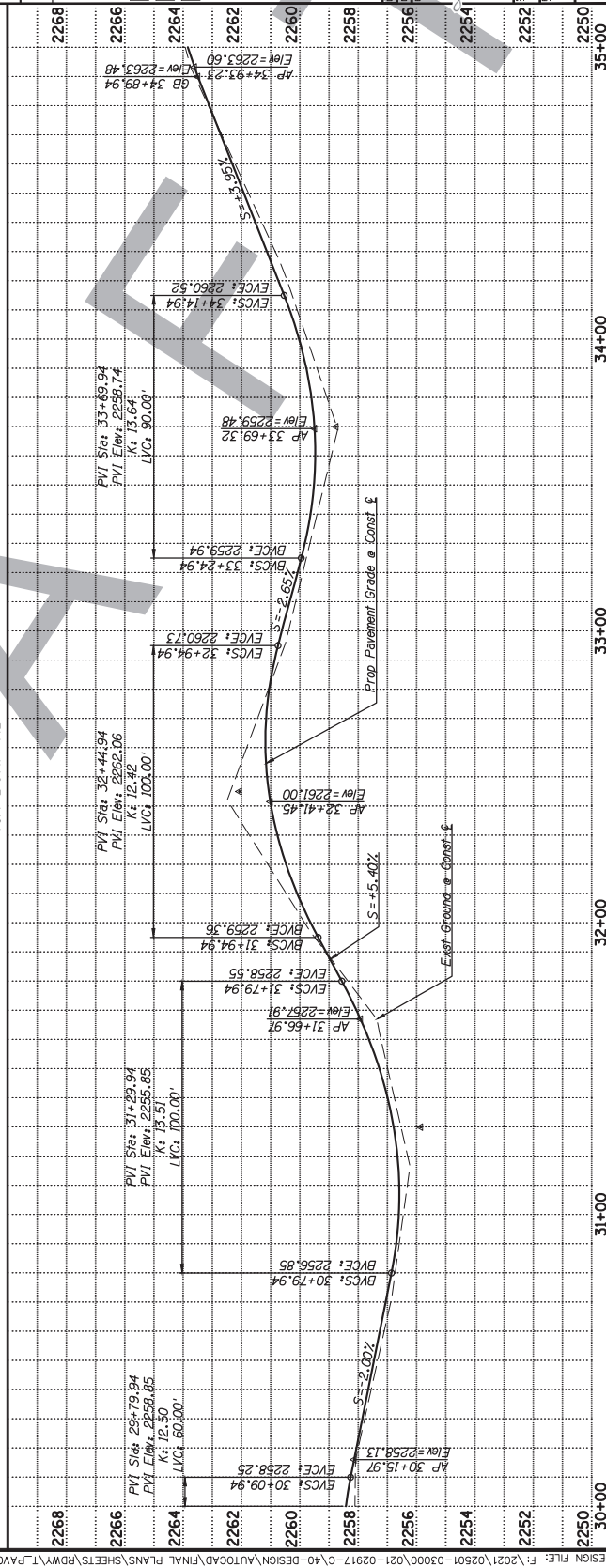
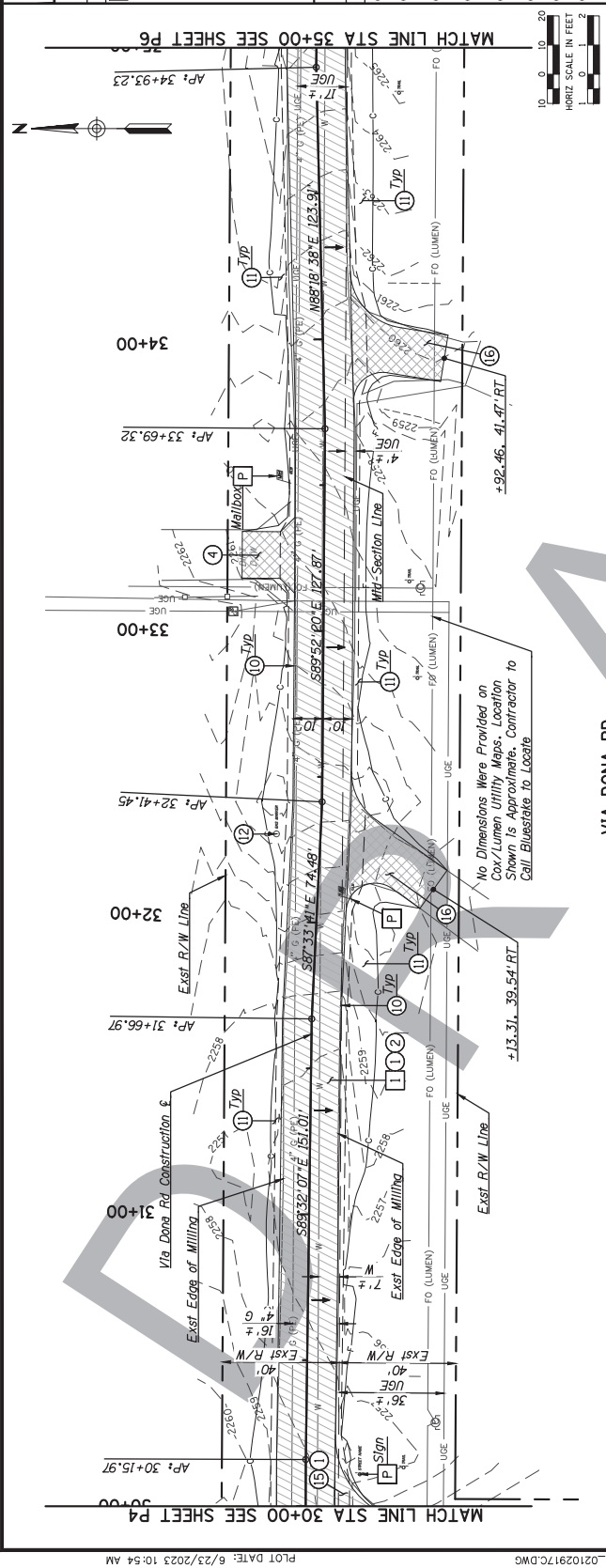
CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1372
2 3" AC Pavement per PSS No. 1.	SY	1156
3 Graded Drift Driveway per Detail 33	SY	33
4 Safety Edge per MAG Std Det 2, G9	-	-
5 Graded Drift Driveway per Detail 33	SY	33
6 Safety Edge per MAG Std Det 2, G9	-	-
7 Graded Drift Driveway per Detail 33	SY	33
8 Safety Edge per MAG Std Det 2, G9	-	-
9 Graded Drift Driveway per Detail 33	SY	33
10 Safety Edge per MAG Std Det 2, G9	-	-
11 Acrylic Copolymer Topical Dust	SY	851
12 Acrylic Copolymer Topical Dust	SY	851
13 Acrylic Copolymer Topical Dust	SY	851
14 Acrylic Copolymer Topical Dust	SY	851
15 Acrylic Copolymer Topical Dust	SY	851
16 Acrylic Copolymer Topical Dust	SY	851
17 Acrylic Copolymer Topical Dust	SY	851
18 Acrylic Copolymer Topical Dust	SY	851
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97 Acrylic Copolymer Topical Dust	SY	851
98 Acrylic Copolymer Topical Dust	SY	851
99 Acrylic Copolymer Topical Dust	SY	851
100 Acrylic Copolymer Topical Dust	SY	851

GENERAL NOTES		
1. Contractor shall provide existing underground utilities prior to construction to confirm depth. All utilities shall be protected in place during construction. All existing utilities shall be protected in place during construction.		
M Match Existing		
S Sawcut		
P Protect In Place		



DATE	REVISION	BY
2256	1	DA </td
2255	1	DA </td
2254	1	DA </td
2253	1	DA </td
2252	1	DA </td
2251	1	DA </td
2250	1	DA </td

PUBLIC WORKS		
CAPITAL PROJECT MANAGEMENT		
447 E. INDIAN SCHOOL RD. SCOTTSDALE, ARIZONA 85251		
PAVING PLAN & PROFILE VIA DONA RD		
PM-10 PAVE DIRT ROADS		
SCALE	DESIGNED	BY
1"=20'	1"=20'	1"=20'
VERT. 1"=2'	VERT. 1"=2'	VERT. 1"=2'
SHEET NO.	PROJECT NO.	DATE
14 of 41	2020-044-COS	14 of 41



REMOVAL & RELOCATION NOTES

	Description	Unit	Quan
1	Remove AC/ Millings (NPI)	SY	1154
3	Remove, Salvage, & Reinstall Traffic Sign In Same Location (Unless Otherwise Noted). Signs Shall Be Installed on New Telesp Repurposed Square Steel Tubing Posts With New Base Per 005 Std Det 2131	EA	2

CONSTRUCTION NOTES

	Description	Unit	Quan
①	Subgrade Preparation	SY	1362
②	3" AC Pavement per PSS No. 1, 67	SY	1156
⑩	Safety Edge per WAG Std Def 201, modified to 3" depth	-	-
⑪	Acrylic Copolymer Topcoat Dust Palliative	SY	721
⑫	Reset Gas Marker	EA	2
⑮	Paved Turnout per Detail 3, 69	SY	57

GENERAL NOTES

1. Contractor shall pothole existing underground utilities prior to construction to confirm depth. A minimum cover of 36" shall be maintained and the lines shall be protected in place during construction.

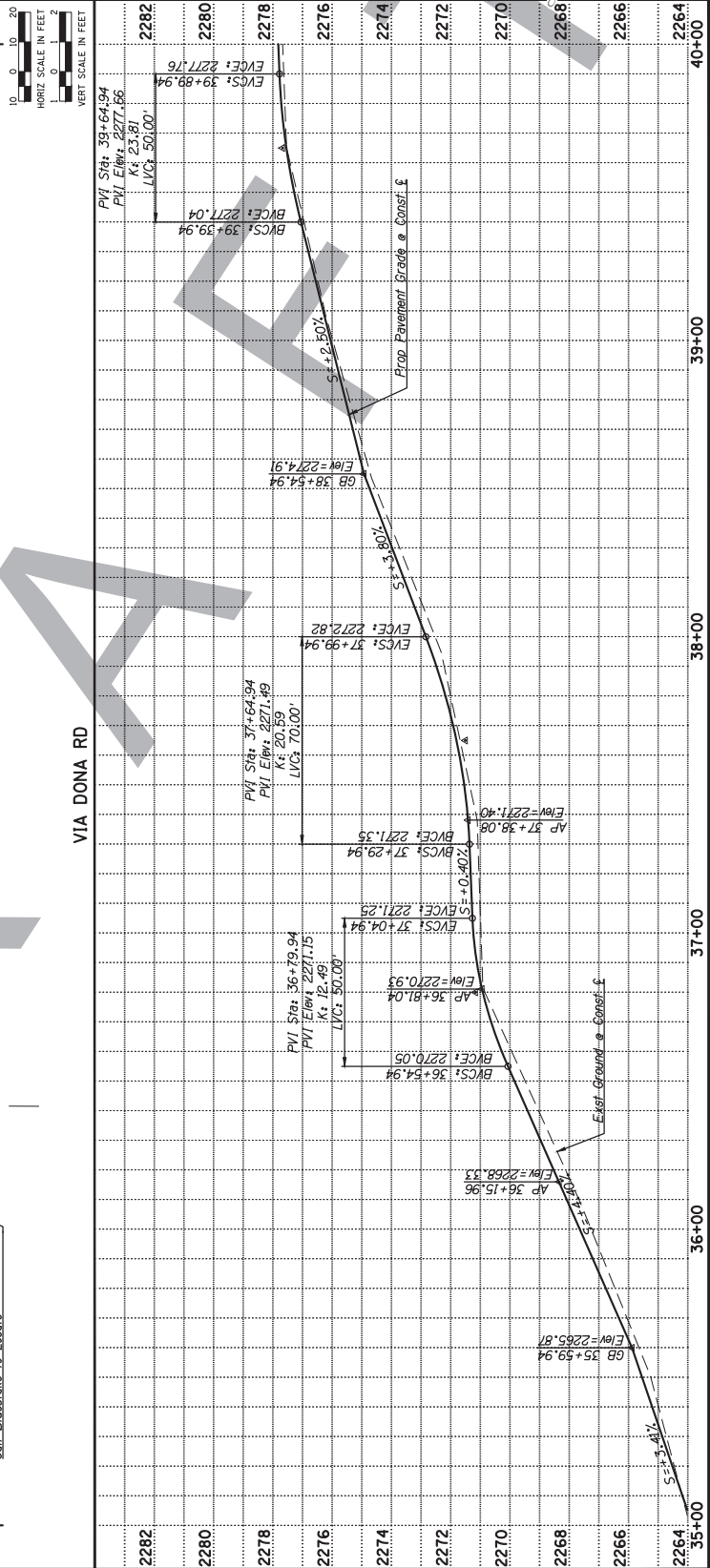
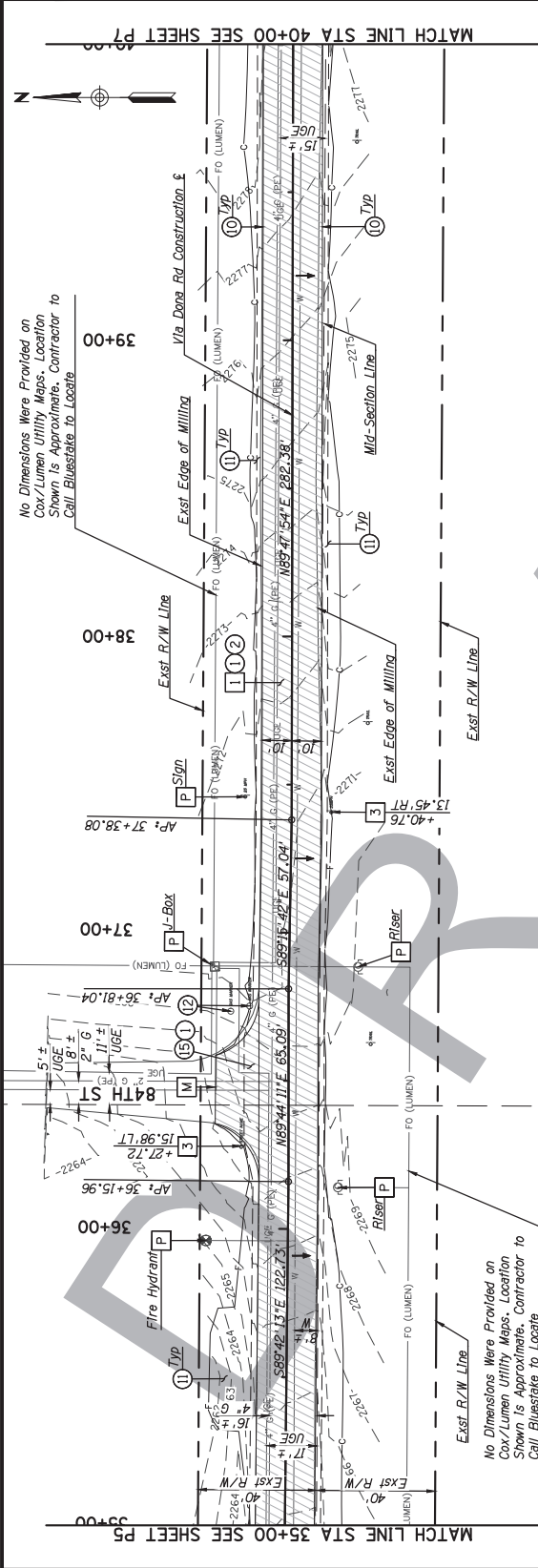
☐ M Match Existing
☐ S Sawcut
☐ P Protect In Place



SHEET
TITLE
PAVING PLAN & PROFILE
VIA DONA RD

PROJECT TITLE	PM-10 PAVE DIRT ROADS
---------------	-----------------------

SCALE	DESIGNED	BID NO.	SHT.
HORIZ. 1"=20'	KW	06/23	P6
VERT. 1"=2'	DRAWN	PROJECT NO.	
	JB	2020-049-C05	15 of 41





6437 W. CHANDLER BLVD SUITE
1 CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	1134

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1360
2 3" AC Pavement per PSS No. 1, 67	SY	1157
3 Graded Dirt Driveway per Detail 2, 69	SY	111
4 Adjust Water Meter to Finished Grade per MAG 320	EA	1
5 Safety Edge per MAG Std Det 201, modified to 3" depth	-	-
6 Acrylic Copolymer Topical Dust	SY	588
7 Palliative		

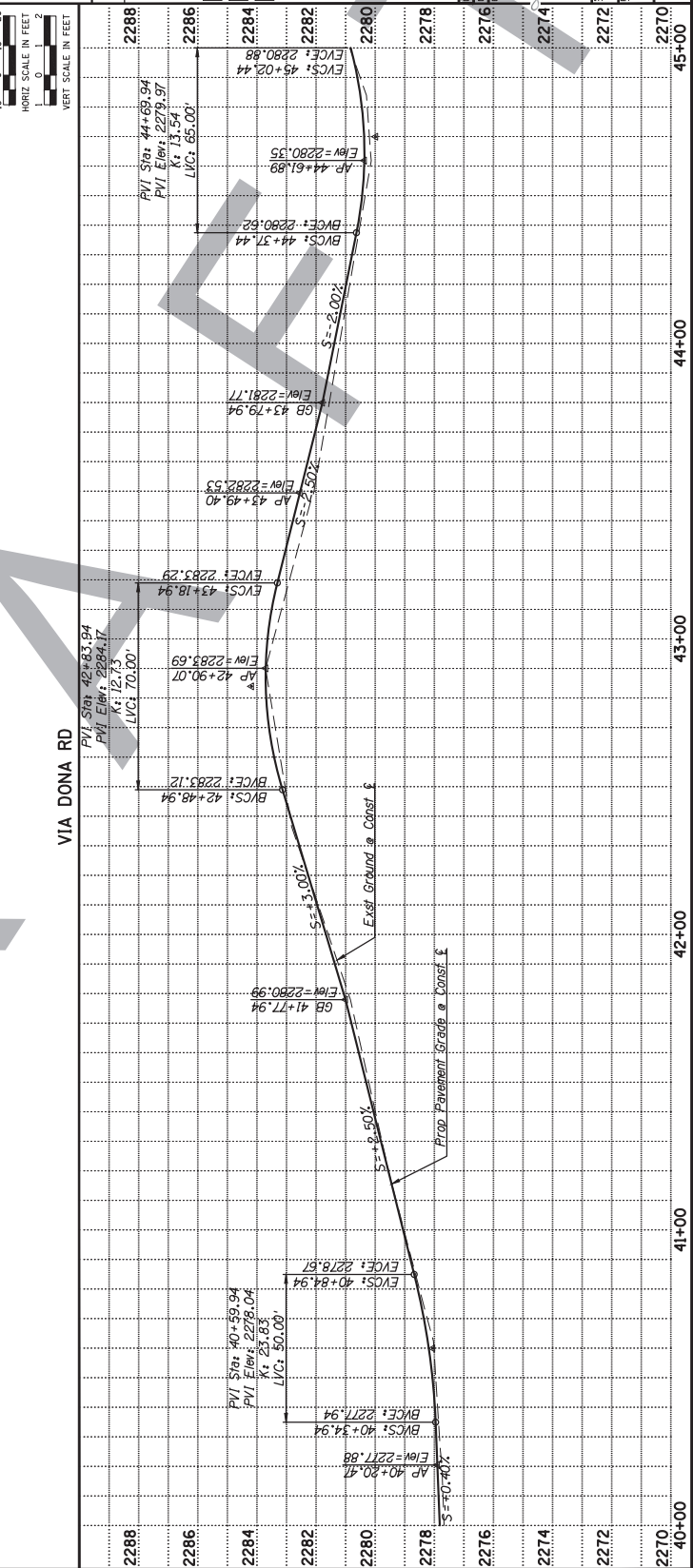
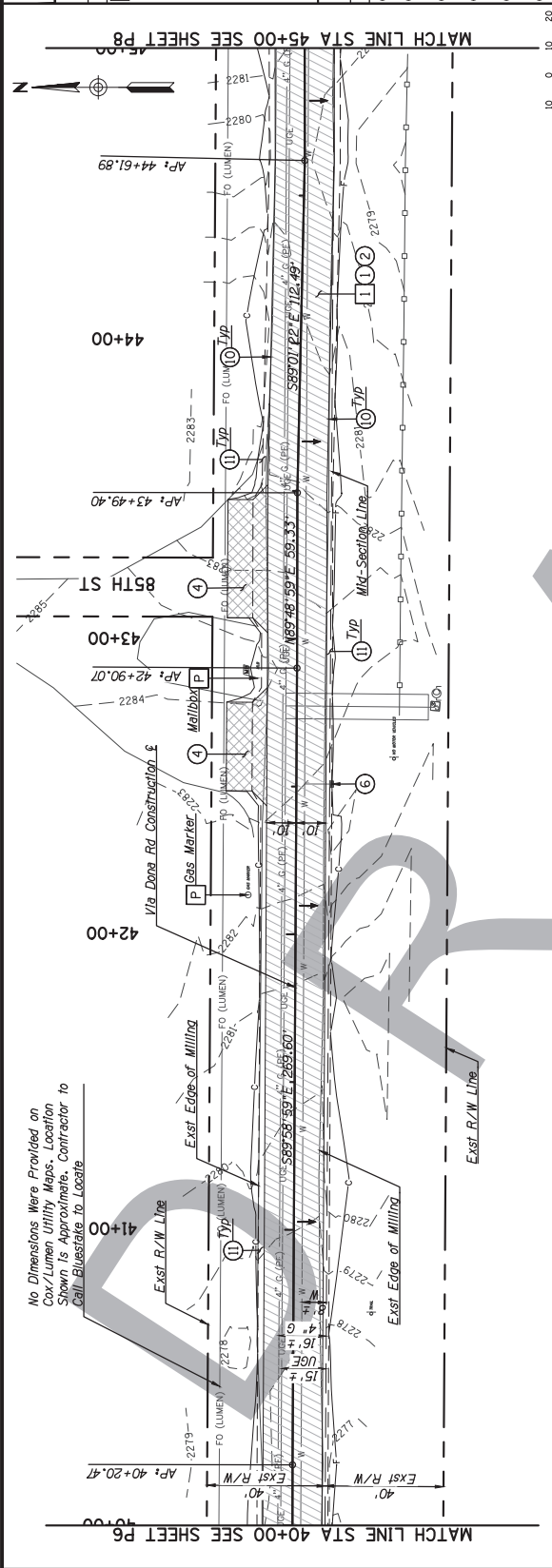
- GENERAL NOTES**
- Contractor shall patch existing underground utilities prior to construction in depth. All lines shall be protected in place during construction.
 - Match Existing
 - Sawcut
 - Protect In Place



DATE: 6/23/2023
REVISION: 10:55 AM
PROJECT: PM-10 PAVE DIRT ROADS
SHEET: 2270 OF 2274
DRAWN: JH
CHECKED: JH
SCALE: 1"=20'
VERT: 1"=2'

PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
4717 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
VIA DONA RD





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES

Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	1088
3 Remove, Salvage, & Reinstall Traffic Sign in Same Location (Unless Otherwise Noted). Signs Shall Be Installed on New Telespar Prepunched Square Steel Tubing Posts With New Base Per COS Std Det 2131	EA	1

CONSTRUCTION NOTES

Description	Unit	Quan
1 Subgrade Preparation	SY	1348
2 3" AC Pavement per PSS No. 1, G7	SY	1163
7 Adjust Valve Frame & Cover per COS Spec. 610.4 & MAG 391	EA	2
10 Safety Edge per MAG Std Det 201, modified to 3" depth	-	-
11 Acrylic copolymer Topical Dust Fallantive	SY	849
12 Reset Gas Marker	EA	1
15 Graded Driveway per Detail 3, G9	SY	36

GENERAL NOTES

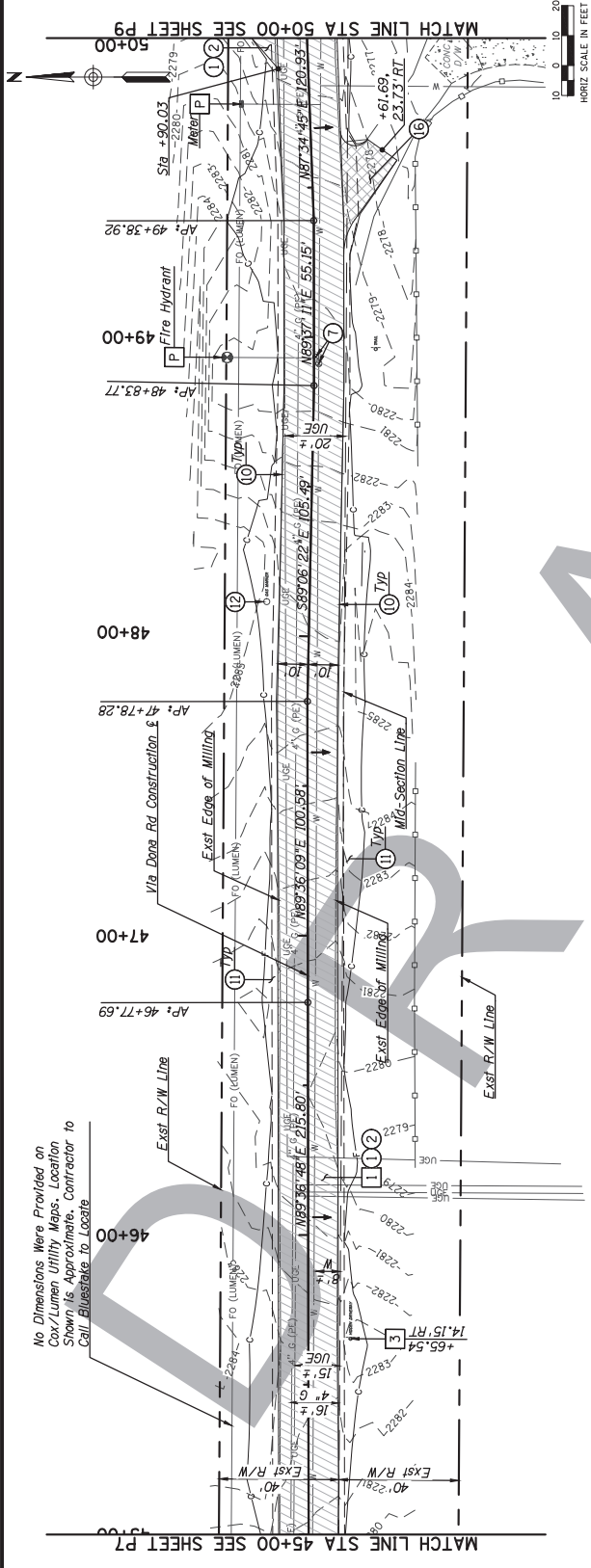
- Contractor shall protect existing underground utilities prior to construction to confirm depth. Minimum cover shall be maintained and the lines shall be protected in place during construction.
- M Match Existing
S Sawcut
P Protect In Place



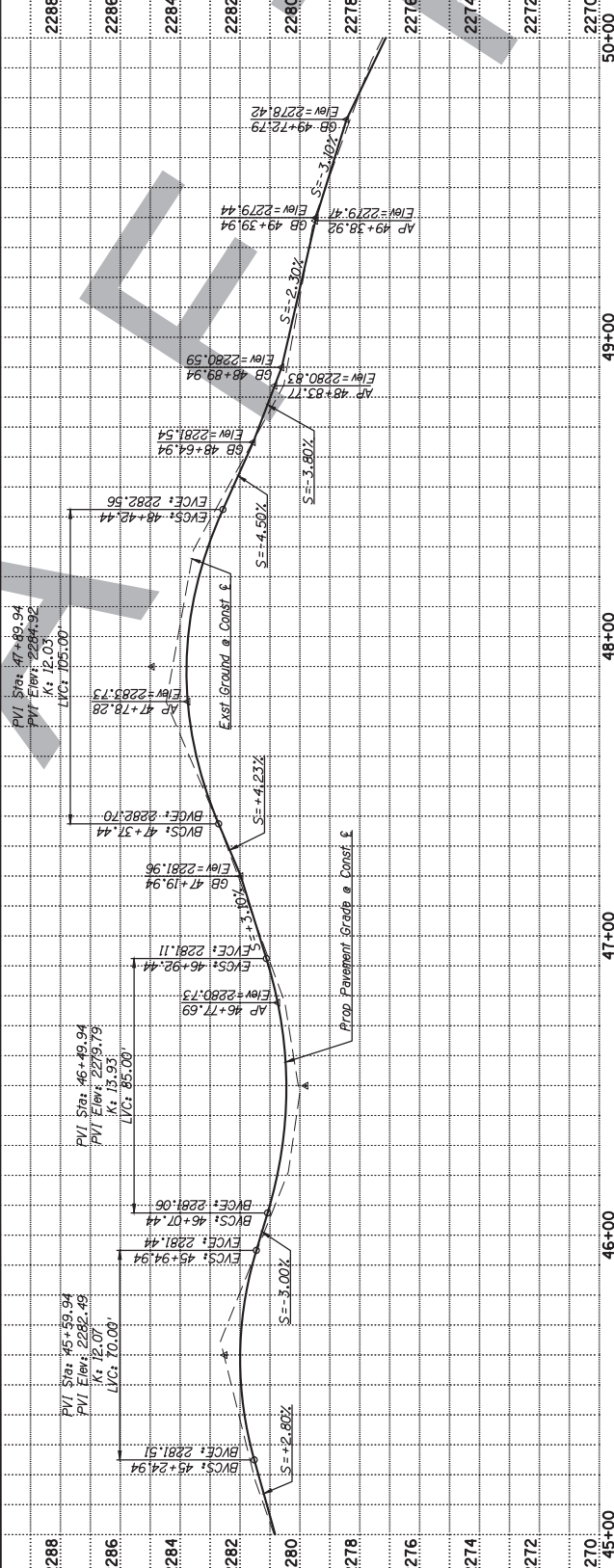
DATE: 6/23/2023
DESIGNED: JRM
CHECKED: JRM
PROJECT NO.: 2020-049-COS
SHEET NO.: 17 of 41

PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
AT E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
VIA DONA RD



VIA DONA RD





6437 W. CHANDLER BLVD SUITE
1 CHANDLER, ARIZONA 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	1134
3 Remove, Salvage, & Reinstall Traffic Sign In Same Location (Unless Otherwise Noted). Signs Shall Be Installed on New Telespar Prepunched Square Steel Tubing Posts With New Base Per COS Std Det 2131	EA	5

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1358
2 3" AC Pavement per PSS No. 1.	SY	1181
5 Low Water Crossing per Detail 1.		
8 Gablon Mattress	CY	189
8 Cut-Off Wall	LF	848
10 Safety Edge per MAG Std Det 201, modified to 3" depth		
11 Acrylic Copolymer Topical Dust	SY	47
12 Palliative		
15 Graded Driveway per Detail 3.	SY	38
17 Caution-Existing Underground Utility Line Near Proposed Cut-Off Wall. Contractor To Potpole Utility Line and Notify Engineer of Any Conflicts. Protect Utility Line In Place. (NFI)		

GENERAL NOTES		
1 Contractor shall protect existing underground utilities prior to construction to confirm depth. Minimum cover in 36" shall be maintained and thin lines shall be protected in place during construction.		
M Match Existing		
S Sawcut		
P Protect In Place		

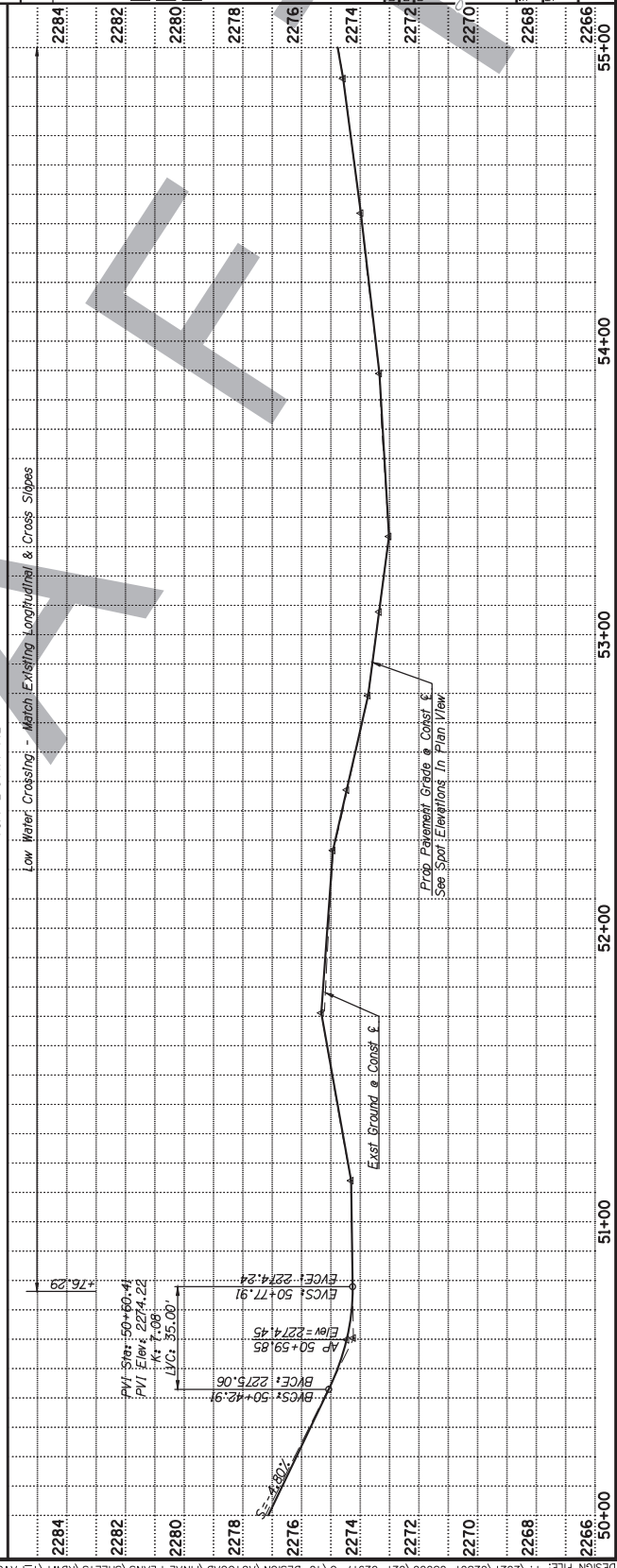
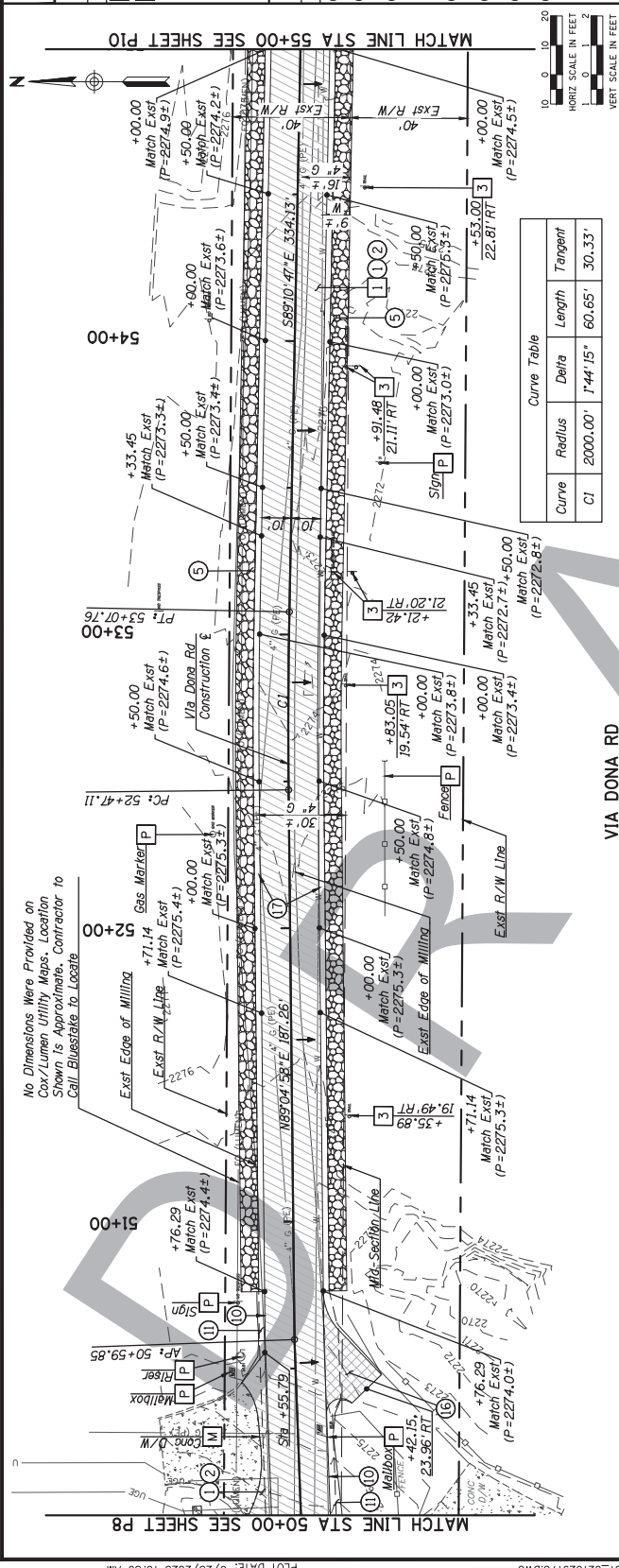


DATE: 6/23/2023
DRAWN BY: JES
CHECKED BY: JES
IN CHARGE: JES

PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
VIA DONA RD

SHEET NO.	2268
TITLE	PM-10 PAVE DIRT ROADS
SCALE	DESIGNED 1"=20' CONSTRUCTED 1"=20'
DATE	6/23/2023
BY	JES
CHECKED BY	JES
IN CHARGE	JES
PROJECT NO.	2020-049-COS
18 OF 41	





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, ARIZONA 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES

Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	1157
3 Remove, Salvage, & Reinstall Traffic Sign In Same Location (Unless Otherwise Noted). Signs Shall Be Installed on New Telespar Prepunched Square Steel Tubing Posts With New Base Per CDS Std Det 2131	EA	5

CONSTRUCTION NOTES

Description	Unit	Quan
1 Subgrade Preparation	SY	1334
2 3" AC Pavement per PSS No. 1.	SY	1158
5 Low Water Crossing per Detail 1.		
6 Gabion Mattress	CY	96
7 Cut-Off Wall	LF	434
9 Safety Edge per MAC Std Det 201, modified to 3" depth		
11 Acrylic Copolymer Topical Dust	SY	528
12 Reseal Gas Marker	EA	3

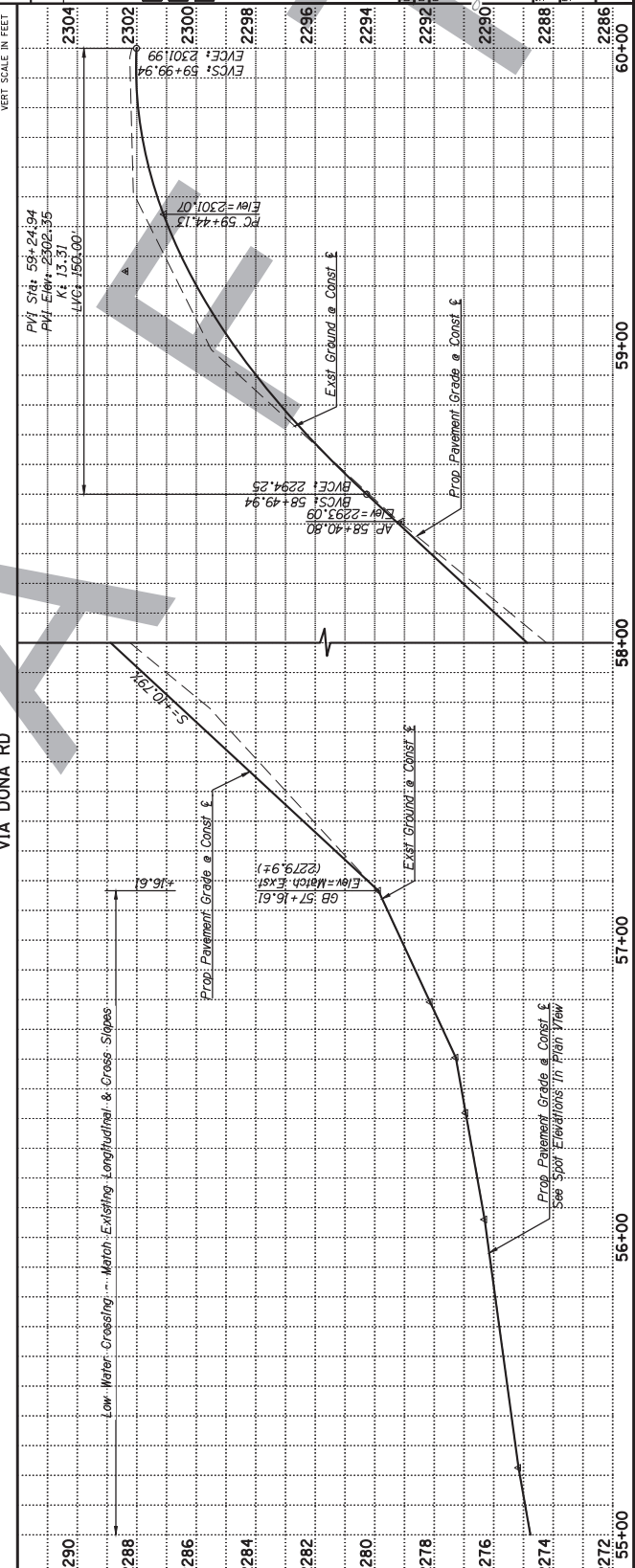
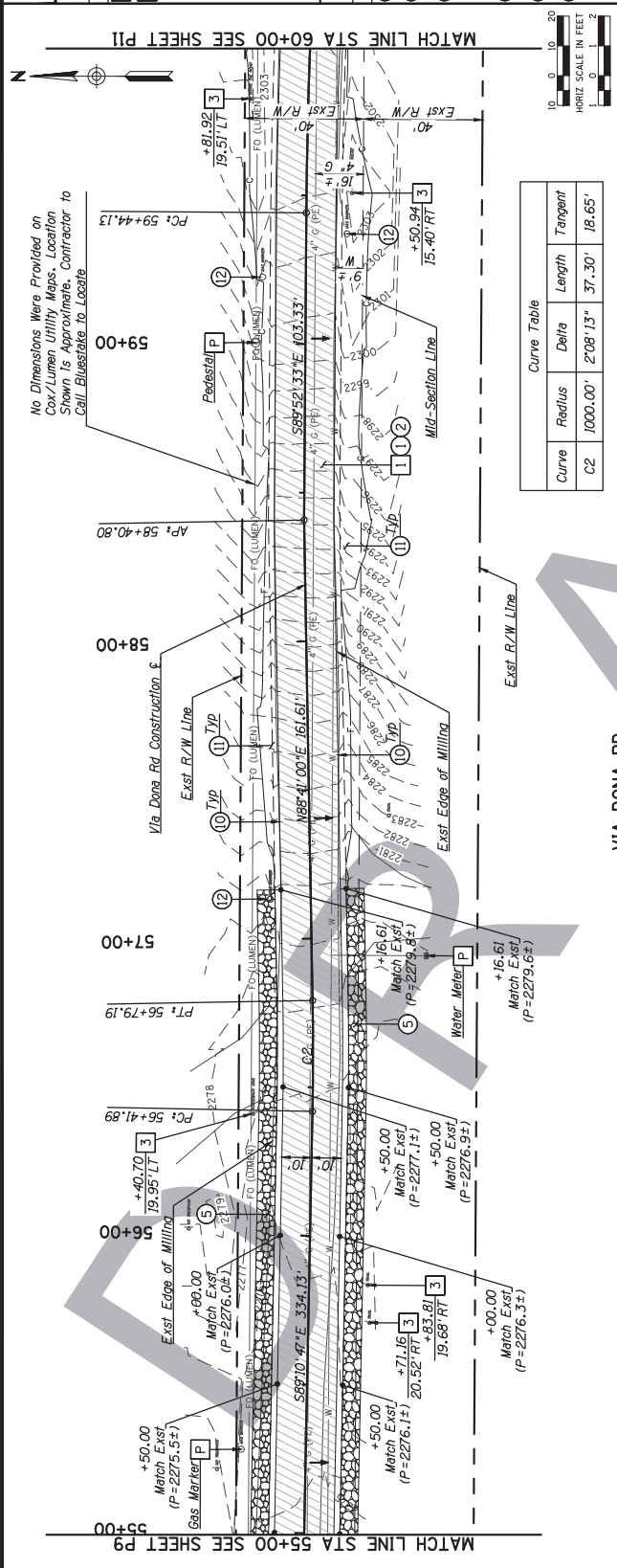
GENERAL NOTES

- Contractor shall protect existing underground utilities prior to construction to confirm depth. A minimum cover of 36" shall be maintained and the lines shall be protected in place during construction.
- Match Existing
- Sawcut
- Protect In Place



DATE: 6/23/2023
BY: [Signature]
CHECKED: [Signature]
DESIGNED: [Signature]
PROJECT NO.: 2020-049-CDS
SHEET NO.: 19 of 41

PM-10 PAVE DIRT ROADS
VIA DONA RD





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	276

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	484
2 3" AC Pavement per PSS No. 1, 6T	SY	418
3 Safety Edge per MAG Std Det 201, modified to 3" depth	-	-
4 Acrylic Copolymer Topical Dust	SY	258
5 Palliative		

GENERAL NOTES

1. Contractor shall protect existing underground utilities prior to construction. All utilities shall be protected in place during construction and the lines shall be protected in place during construction.

M Match Existing
S Sawcut
P Protect In Place

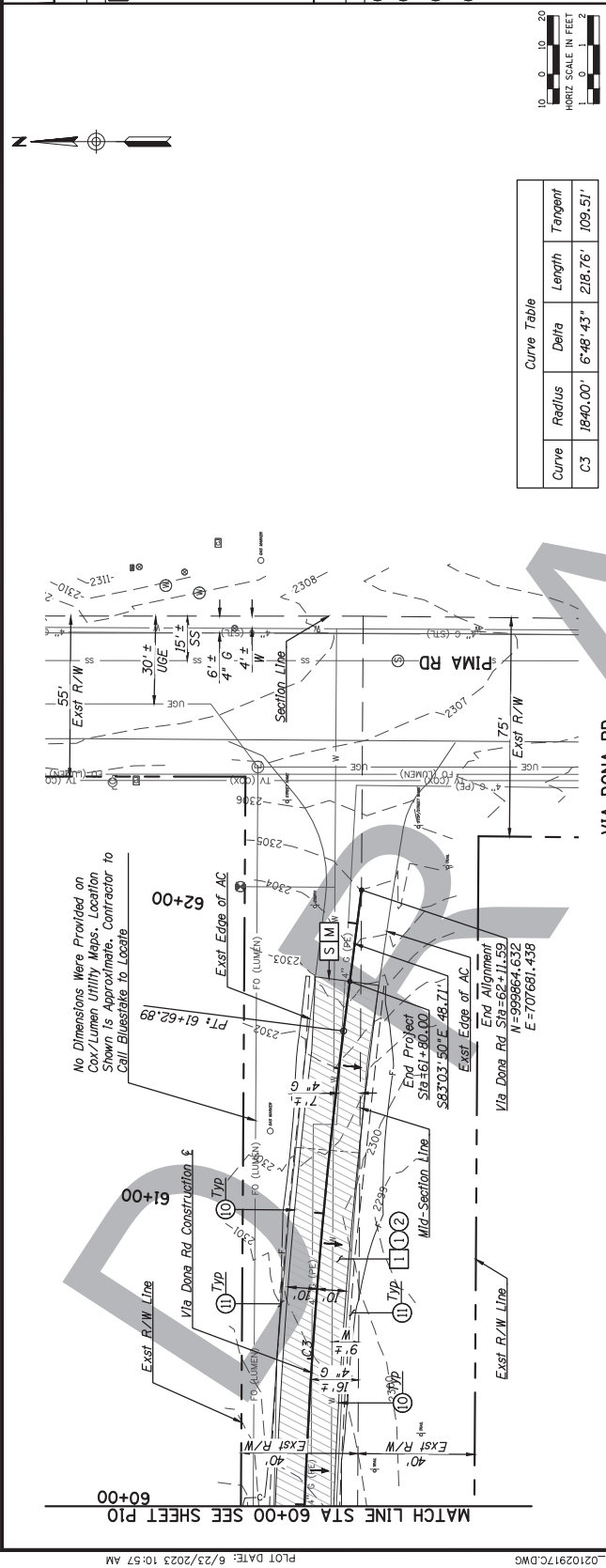


DATE: 6/23/2023
BY: [Signature]
CHECKED: [Signature]
DESIGNED: [Signature]

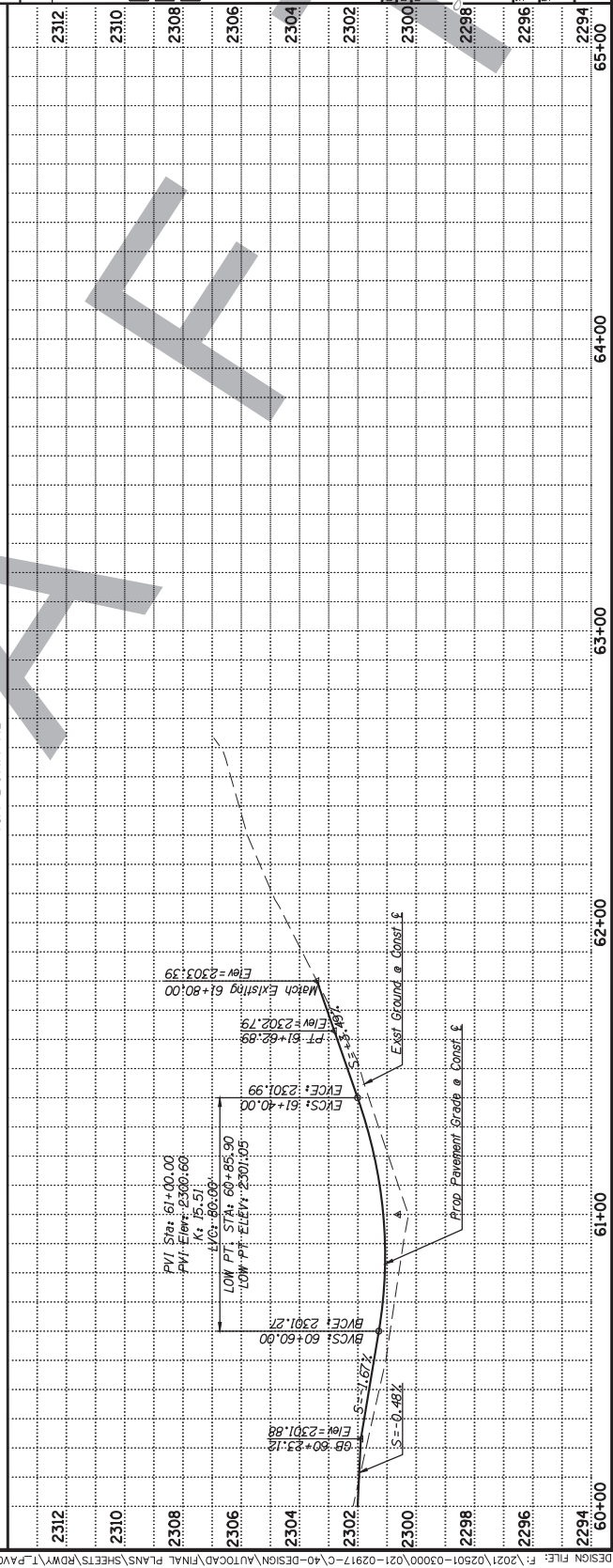
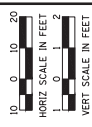
PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
VIA DONA RD

SCALE	DESIGNED	DRAWN	CHECKED	BY	DATE
1"=20'	[Signature]	[Signature]	[Signature]	[Signature]	6/23/2023
1"=2'	[Signature]	[Signature]	[Signature]	[Signature]	6/23/2023



Curve Table				
Curve	Radius	Delta	Length	Tangent
C3	1840.00'	6°48'43"	218.76'	109.51'





6437 W. CHANDLER BLVD SUITE
1 CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	1200

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1435
2 3" AC Pavement per PSS No. 1,	SY	1157
3 Adjust Manhole Frame & Cover	EA	2
4 Graded Dirt Driveway per Detail	SY	42
5 Low Water Crossing per Detail 1,		
6 Gabion Mattress	CY	7
7 Cur-Off Wall	LF	33
8 Safety Edge per MAG Std Det		
9 201, modified to 3" depth		
10 Acrylic Copolymer Topical Dust	SY	525
11 Fallow		
12 Paved Turnout per Detail 3,	SY	118

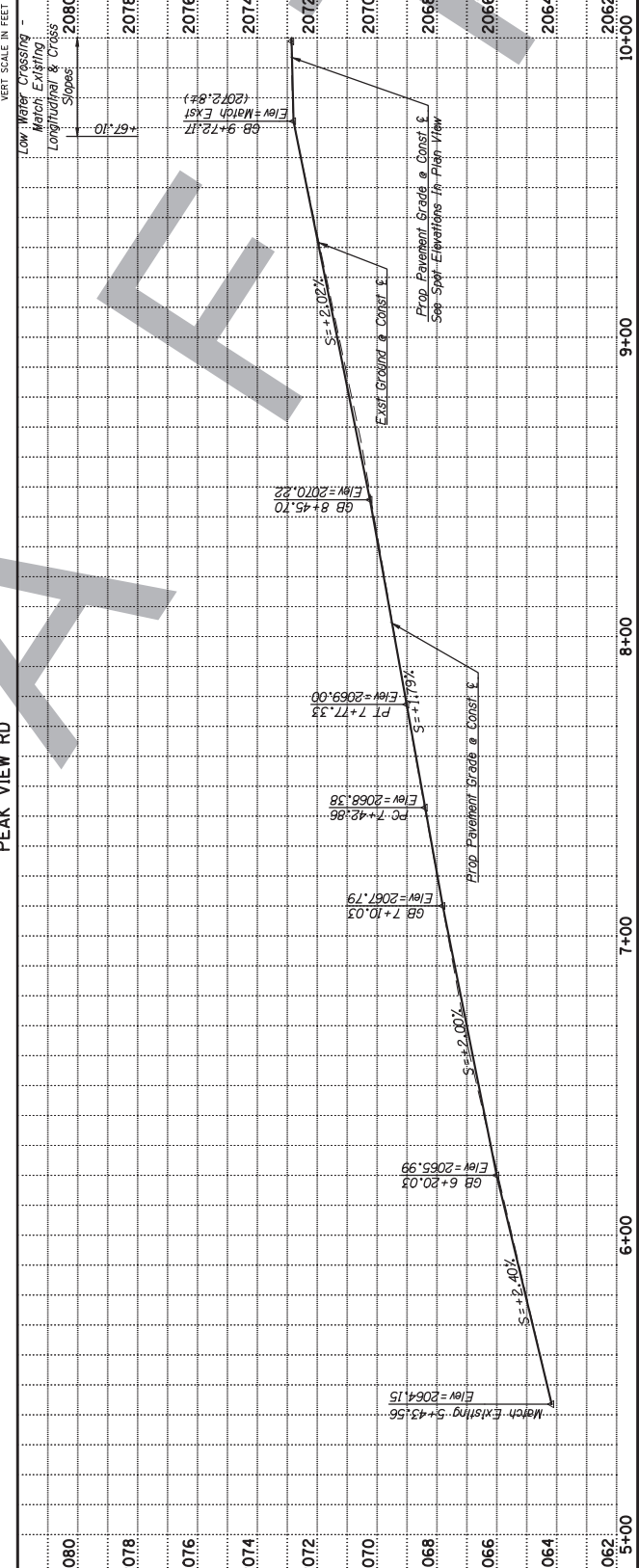
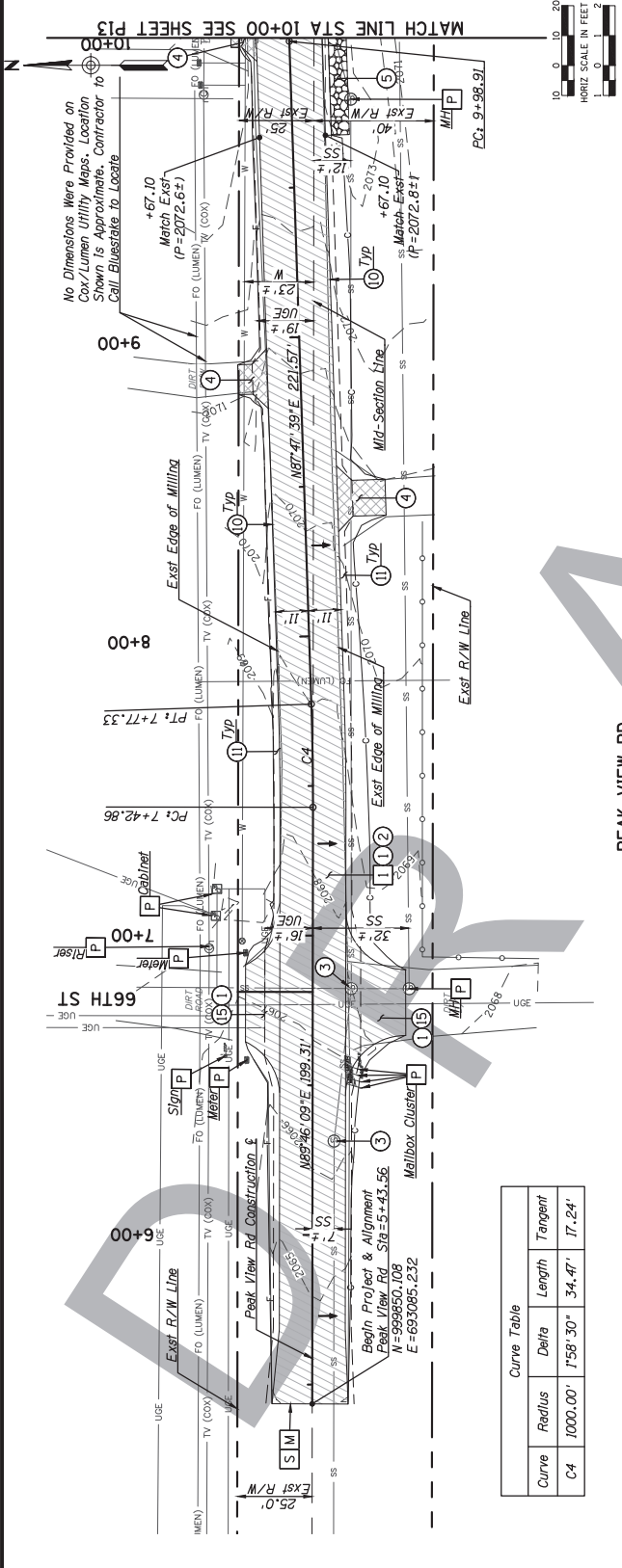
GENERAL NOTES		
1. Contractor shall patch existing underground utilities prior to construction to confirm depth. A minimum cover of 36" shall be maintained and the lines shall be protected in place during construction.		
M Match Existing		
S Sawcut		
P Protect In Place		



PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
10101 N. 10TH AVENUE, SUITE 100
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
PEAK VIEW RD

SHEET TITLE	
PM-10 PAVE DIRT ROADS	
SCALE	DESIGNED 1"=20'
INSET 1"=20'	BRN
VERT. 1"=2'	BRN
DATE	REV
06/23/2022	1
06/23/2022	2
06/23/2022	3
06/23/2022	4
06/23/2022	5
06/23/2022	6
06/23/2022	7
06/23/2022	8
06/23/2022	9
06/23/2022	10
06/23/2022	11
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06/23/2022	100



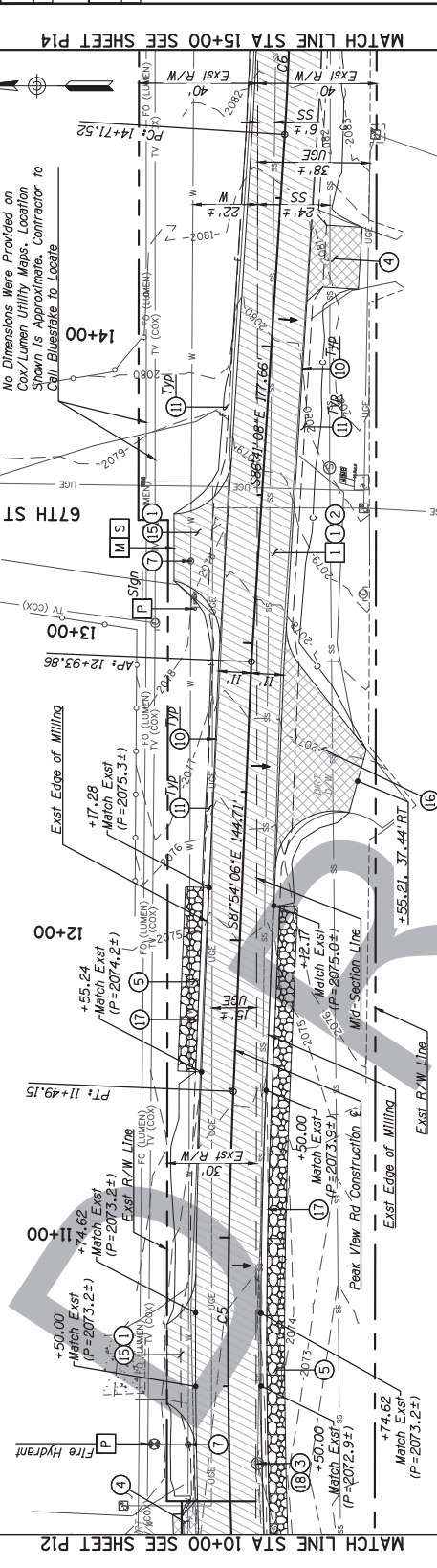
Curve Table			
Curve	Radius	Delta	Tangent
C4	1000.00'	1°58'30"	34.47'



6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

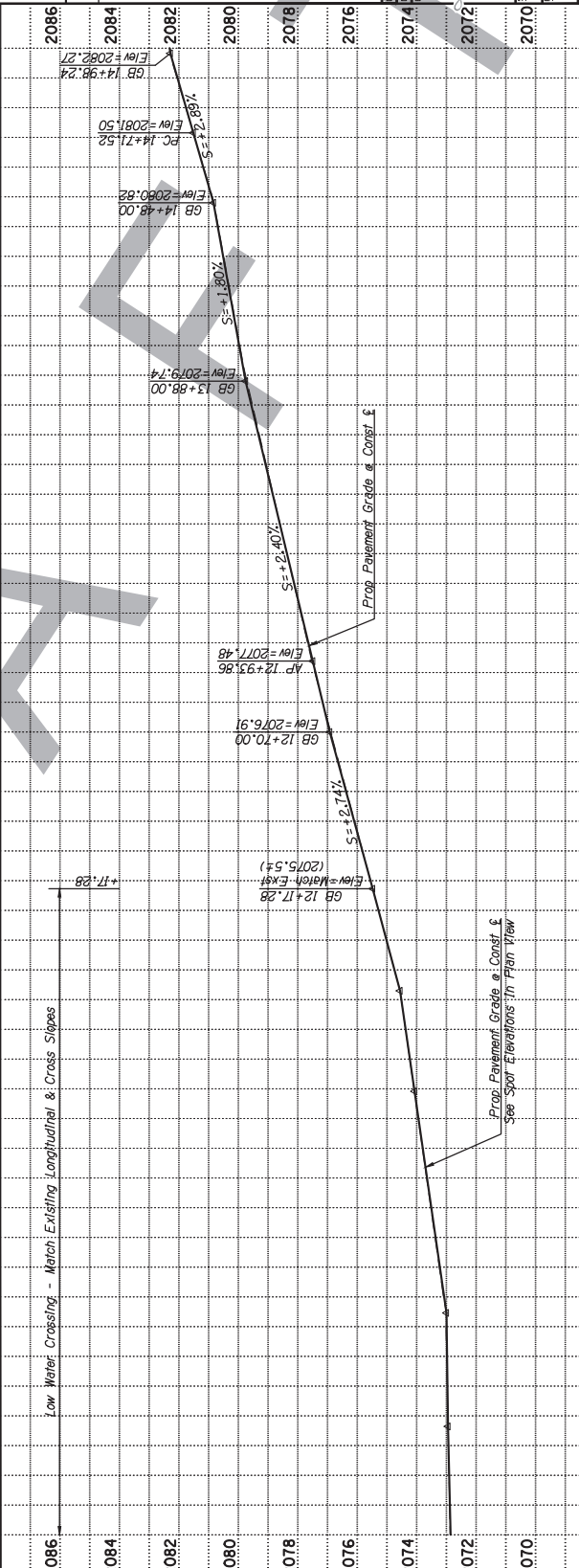
REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	1233

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1564
2 3" AC Pavement per PSS No. 1, SY 1264	SY	1264
3 6" AC Pavement per PSS No. 1, SY 1264	SY	1264
4 Adjust Manhole Frame & Cover per MAG 222	EA	1
5 Graded Dirt Driveway per Detail 3, 2, G9	SY	50
6 Low Water Crossing per Detail 1, G8	SY	126
7 Gabion Mattress	CY	61
8 Cut-Off Wall	LF	274
9 Adjust Valve Frame & Cover per COS Spec. 610.4 & MAG 391	EA	2
10 Safety Edge per MAG Std Det 201, modified to 3" depth	-	-
11 Acrylic Copolymer Topical Dust Palliative	SY	494
12 Paved Turnout per Detail 3, G9	SY	106
13 Graded Driveway per Detail 3, G9	SY	126
14 Cauton-Existing Underground Utility Line Near Proposed Cut-Off Wall. Contractor To Pohole Utility Line and Notify Engineer of Any Conflicts. Protect Utility Line In Place. (NFI)	-	-
15 Form Cut-Off Wall Around Existing Sewer Manhole As Needed (NFI)	-	-



Curve Table				
Curve	Radius	Delta	Length	Tangent
C5	2000.00'	41°18'14"	150.24'	75.15'
C6	1000.00'	2°43'17"	47.50'	23.75'

PEAK VIEW RD



GENERAL NOTES

- Contractor shall protect existing underground utilities prior to construction to confirm depth. A minimum cover of 36" shall be maintained and the lines shall be protected in place during construction.
- March Existing
- Sawcut
- Protect In Place



DATE: 6/23/2023
BY: [Signature]
REVISION: [Signature]
PROJECT: PM-10 PAVE DIRT ROADS
SHEET: 1 OF 1
TITLE: PAVING PLAN & PROFILE
PEAK VIEW RD

PROJECT INFORMATION	
PROJECT NO.	2020-049-COS
PROJECT NAME	PM-10 PAVE DIRT ROADS
DATE	6/23/2023
BY	[Signature]
REVISION	[Signature]



6437 W. CHANDLER BLVD SUITE
1 CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	1235

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1532
2 3" AC Pavement per PSS No. 1,	SY	1265
3 Gr		
4 Graded Dirt Driveway per Detail	SY	48
5 Safety Edge per MAG Std Det	-	-
6 20L modified to 3" depth	-	-
7 Acrylic Copolymer Topical Dust	SY	552
8 Palliative		
9 Paved Turnout per Detail 3,	SY	81

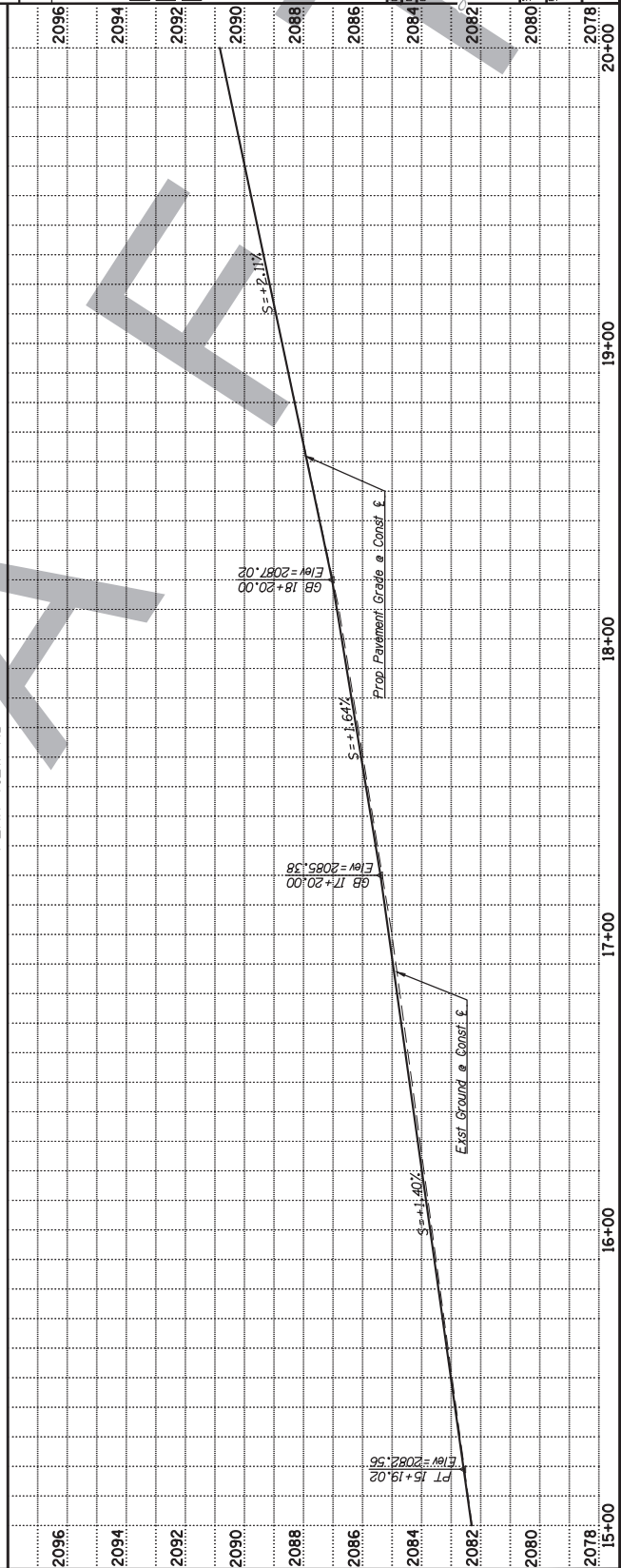
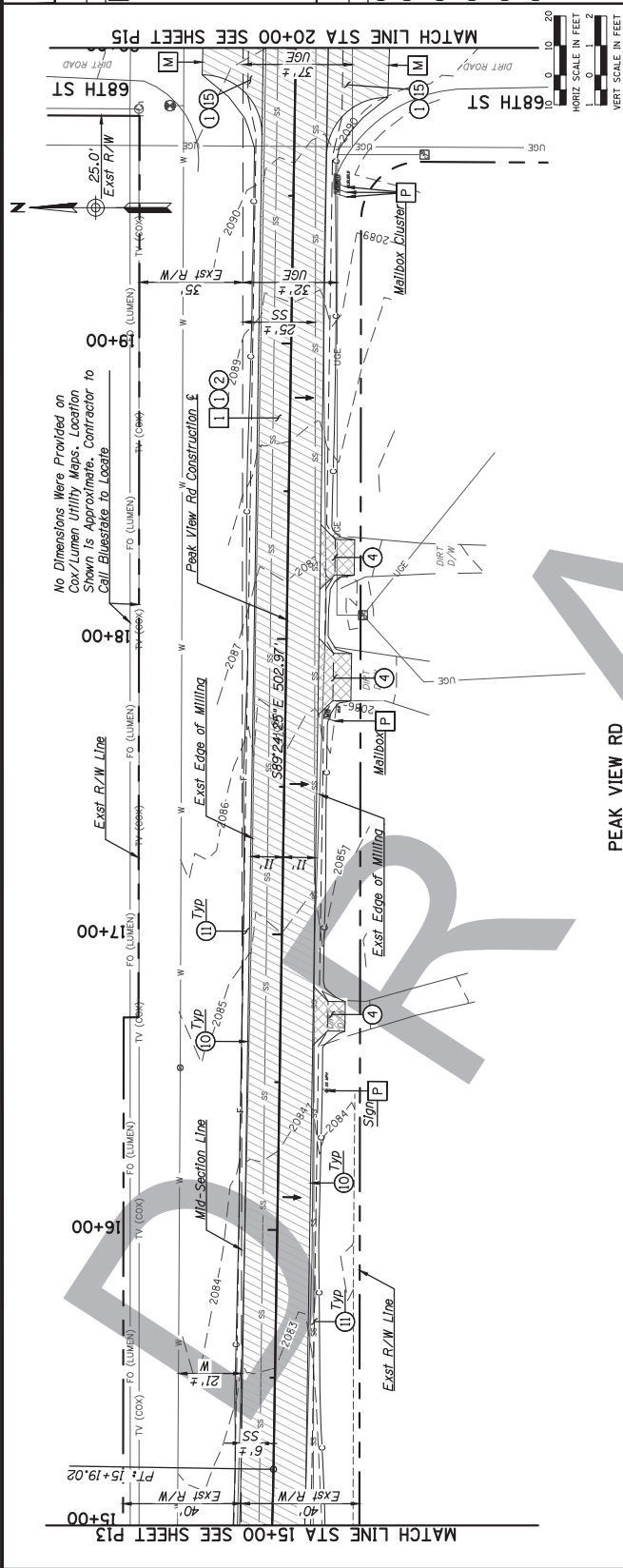
GENERAL NOTES		
1. Contractor shall protect existing underground utilities prior to construction to confirm depth. A minimum cover of 36" shall be maintained and the lines shall be protected in place during construction.		
M Match Existing		
S Sawcut		
P Protect In Place		



DATE: 6/23/2023
DESIGNED BY: JRM
CHECKED BY: JRM
PROJECT NO.: 2020-049-CGS
SHEET NO.: 23 OF 41
PROJECT TITLE: PM-10 PAVE DIRT ROADS
DRAWN BY: JRM
SCALE: 1"=20'
VERT. 1"=2'

PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
PEAK VIEW RD





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, ARIZONA 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	1212

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1508
2 3" AC Pavement per PSS No. 1.	SY	1266
3 Adjust Manhole Frame & Cover per MAG 222	EA	1
4 Graded Dirt Driveway per Detail 2, G9	SY	24
5 Low Water Crossing per Detail 1.	CT	36
6 Gabion Mattress	LF	160
7 Safety Edge per MAG Std Det 201, modified to 3" depth	-	-
8 Acrylic Copolymer Topical Dust	SY	454
9 Palliative	SY	63
10 Paved Turnout per Detail 3, G9	SY	63

- GENERAL NOTES**
- Contractor shall patch existing underground utilities prior to construction, confirm depth. All lines shall be marked and the lines shall be protected in place during construction.
 - Match Existing
 - Sawcut
 - Protect In Place



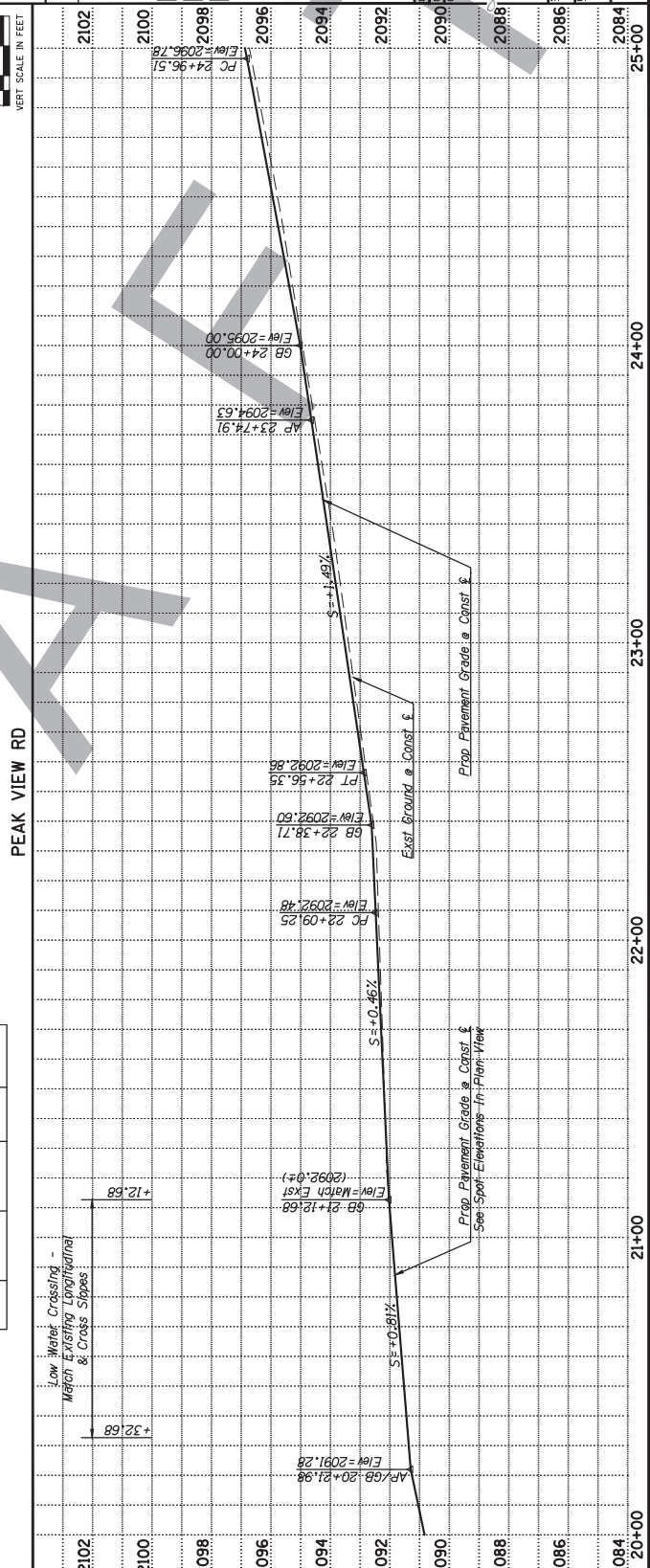
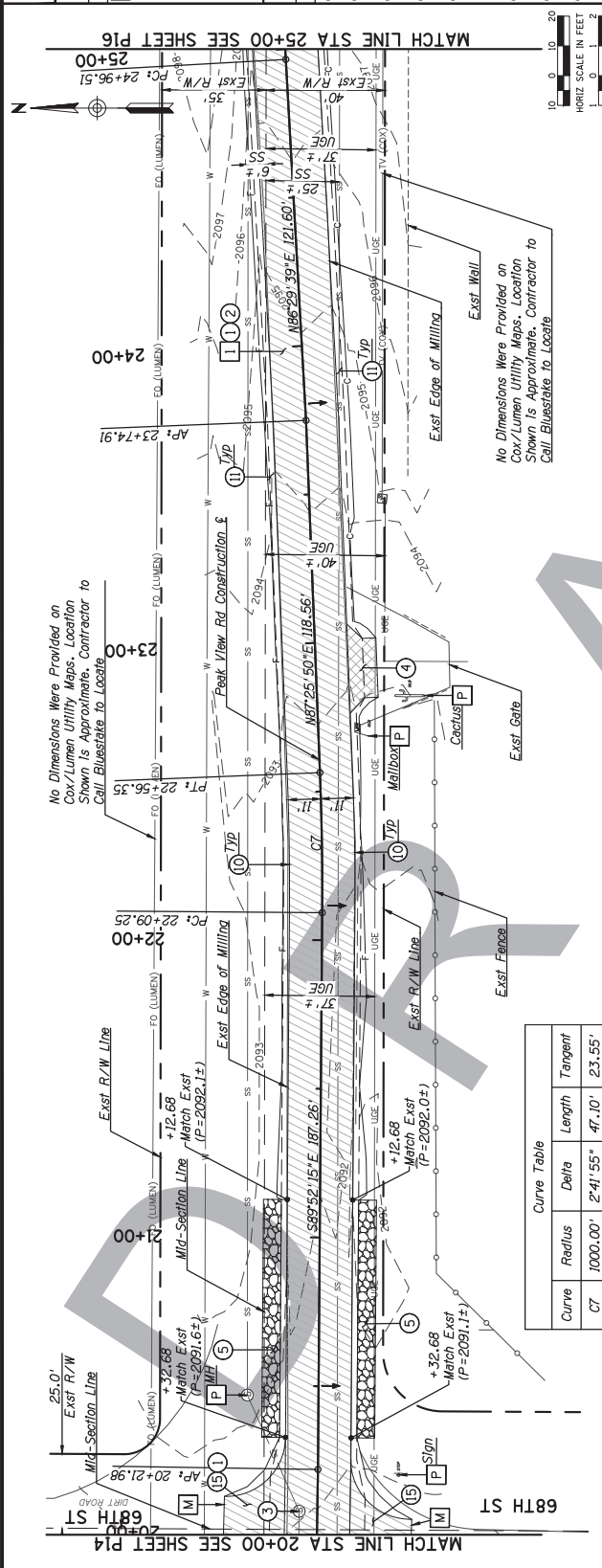
PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
1001 N. CENTRAL AVENUE
SUITE 100
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
PEAK VIEW RD

DATE	REVISION	BY

SCALE	DESIGNED	DRAWN	CHECKED	IN CHARGE
1"=20'				

SHEET NO.	PROJECT NO.	SHEET
2084	2020-049-CGS	24 of 41



olsson

6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	391

CONSTRUCTION NOTES

Description	Unit	Quan
1 Subgrade Preparation	SY	493
2 3" AC Pavement per PSS No. 1, 1, 426	SY	426
3 Graded Dirt Driveway per Detail 51	SY	51
4 Safety Edge per MAG Std Det 2, 69	-	-
5 20" modified to 3" depth	-	-
6 Acrylic Copolymer Topical Dust	SY	197
7 Palliative	-	-

GENERAL NOTES

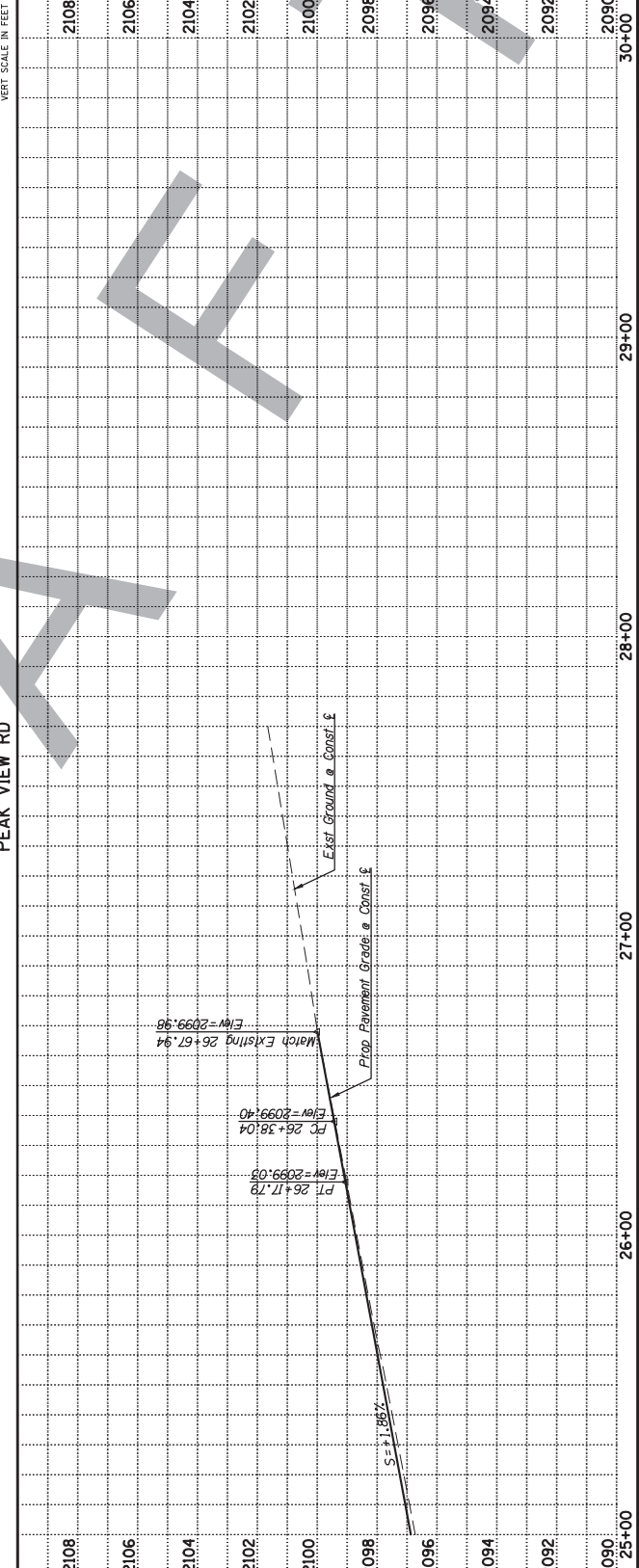
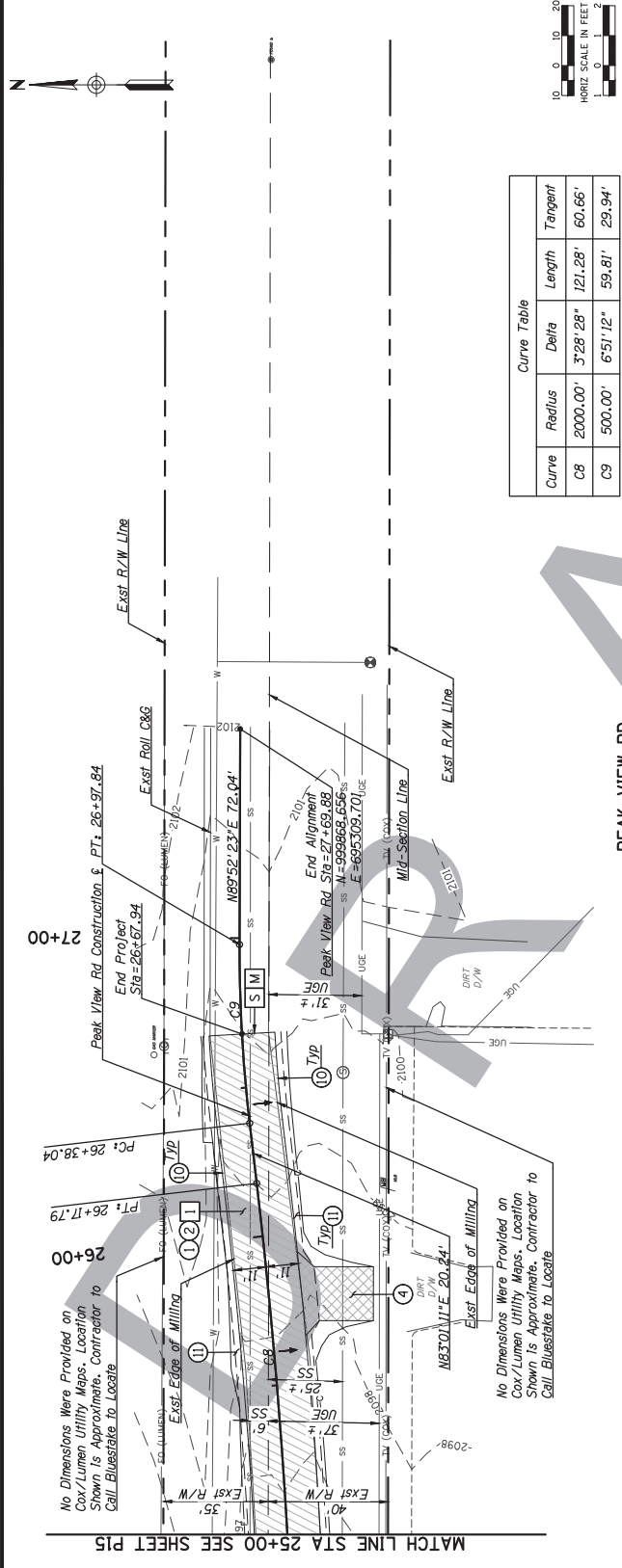
- Contractor shall protect existing underground utilities prior to construction to confirm depth. If the depth is less than 36" shall be maintained and the lines shall be protected in place during construction.
- Match Existing
- Sawcut
- Protect In Place



PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
PEAK VIEW RD

DATE	REVISION	BY
2096	1	BY
2098	2	BY
2100	3	BY
2102	4	BY
2104	5	BY
2106	6	BY
2108	7	BY





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	740

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1063
2 3" AC Pavement per PSS No. 1,	SY	786
67		
4 Graded Dirt Driveway per Detail	SY	107
2, 69		
8 3" AC Over 6" ABC per PSS	SY	167
No. 2, 65		
10 Safety Edge per Stat 14+00	-	-
Stat 13+00 to Stat 14+00		
20' modified to 3" depth		
11 Acrylic Copolymer Topical Dust	SY	471
Palliative		
15 Paved Turnout per Detail 3,	SY	109
69		

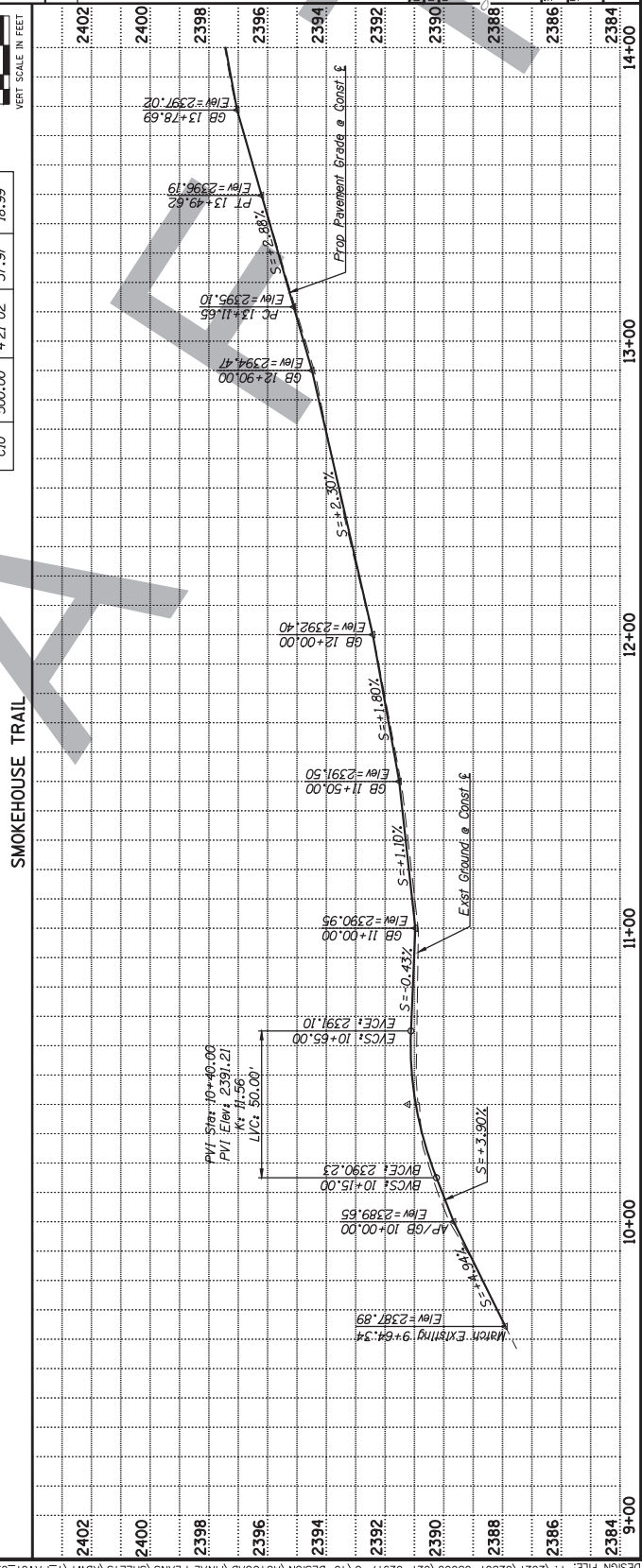
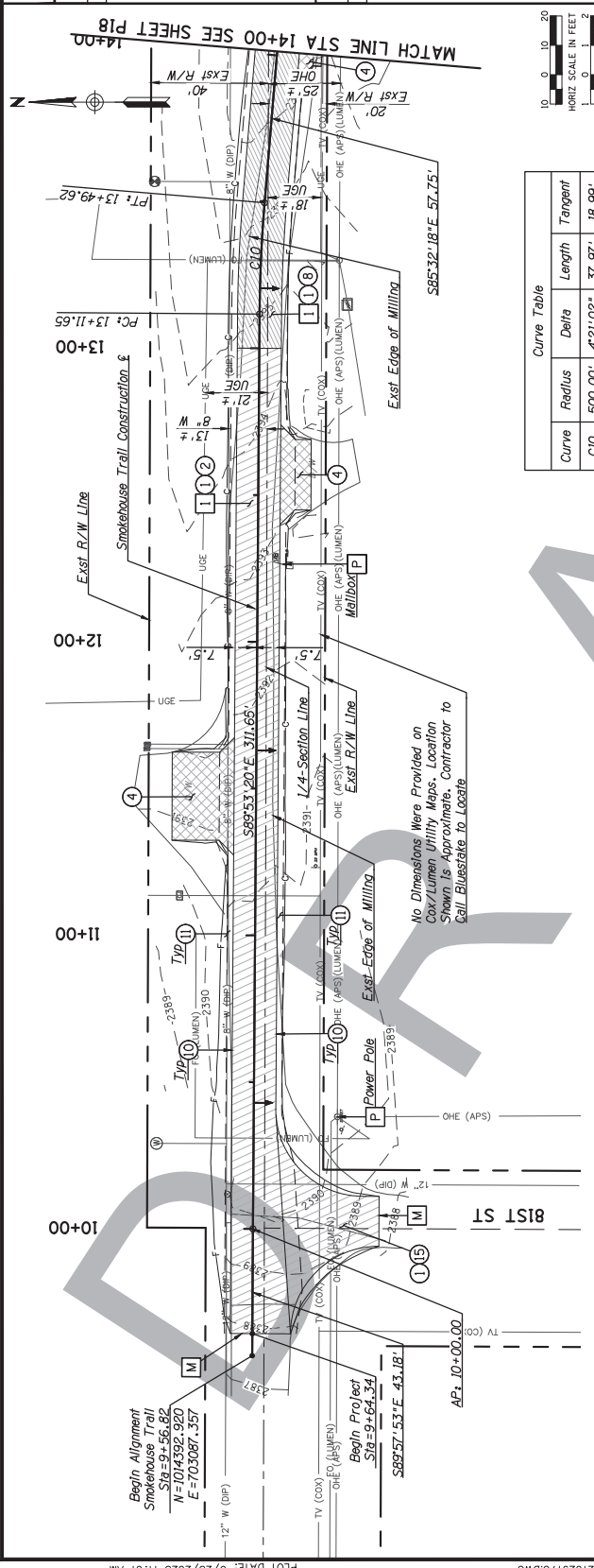
- GENERAL NOTES**
- Contractor shall patch existing underground utilities prior to construction. All utilities shall be maintained and the lines shall be protected in place during construction.
- Legend:**
- M Match Existing
 - S Sawcut
 - P Protect In Place



PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
407 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
SMOKEHOUSE TRAIL

SHEET		PROJECT	
NO.	1	NO.	26 of 41
DATE	8/23/2023	DATE	8/23/2023
BY	1	BY	1





6437 W. CHANDLER BLVD SUITE
1 CHANDLER, ARIZONA 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	834
2 Remove Mailbox	EA	1

CONSTRUCTION NOTES

Description	Unit	Quan
1 Subgrade Preparation	SY	1144
2 3" AC Pavement per PSS No. 1, G7	SY	115
4 Graded Dirt Driveway per Detail 2, G9	SY	65
8 3" AC Over 6" ABC per PSS No. 2, G5	SY	787
9 Mailbox	EA	1
10 MCDOT Std Det 2066 Safety Edge per MAG Std Det 201, modified to 3" depth	-	-
11 Acrylic Copolymer Topical Dust Palliative	SY	586
15 Paved Turnout per Detail 3, G9	SY	56

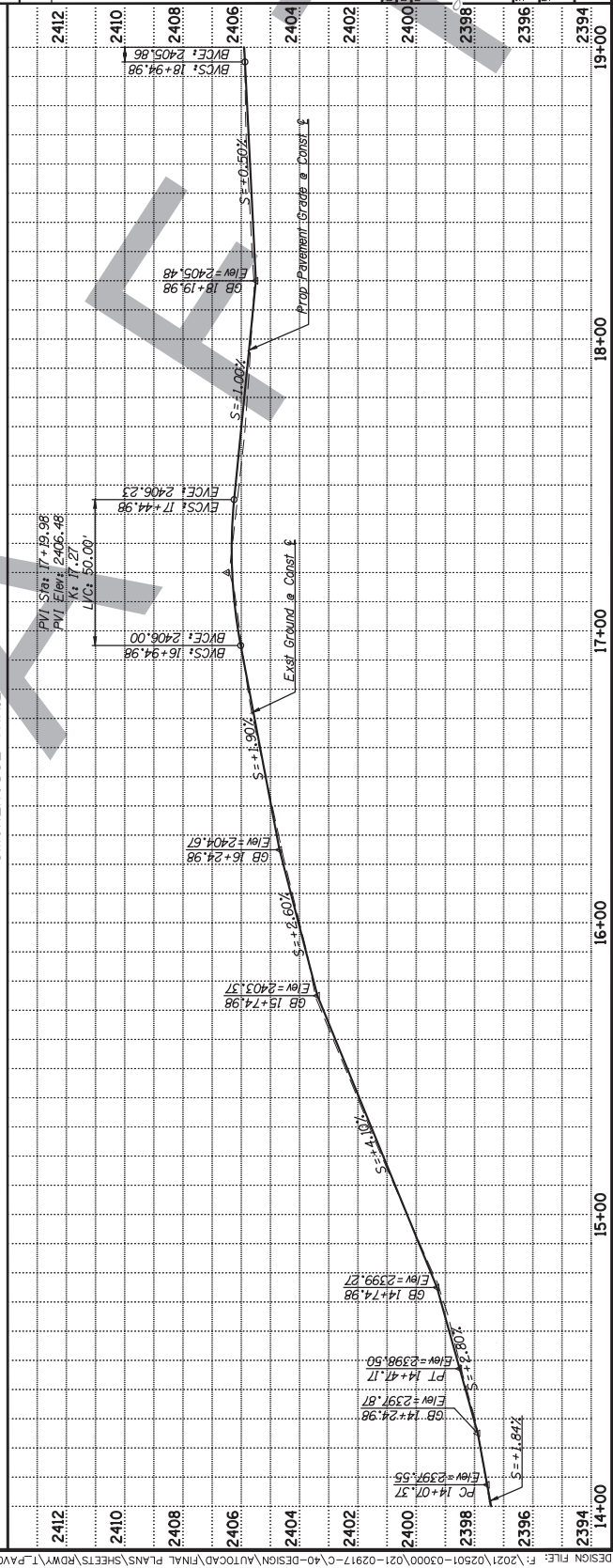
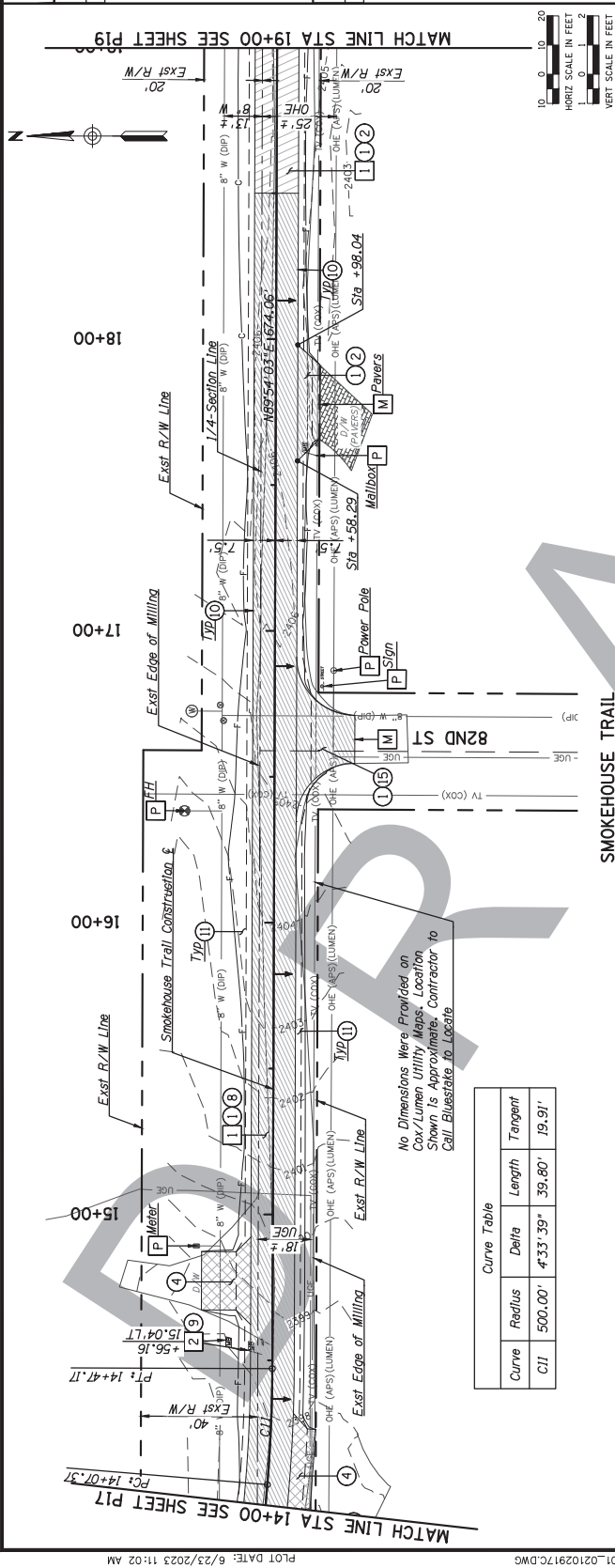
GENERAL NOTES

- Contractor shall protect existing underground utilities prior to construction to specified depth. A minimum cover of 36" shall be maintained, and the lines shall be protected in place during construction.
- Match Existing
- Sawcut
- Protect In Place



DATE: 6/23/2023
BY: [Signature]
REVISION: [Signature]
PROJECT: PM-10 PAVE DIRT ROADS
SHEET: 1 OF 1
DRAWN: [Signature]
CHECKED: [Signature]
SCALE: 1"=20'
VERT: 1"=2'

SHEET TITLE		PAVING PLAN & PROFILE SMOKEHOUSE TRAIL			
PROJECT TITLE		PM-10 PAVE DIRT ROADS			
SCALE	DESIGNED K W	DATE 06/23	BID NO.	SHT. P18	
HORIZ. 1"=20'	DRAIN JB	AS-BUILT	PROJECT NO. 2020-049-C05	27 of 41	
VERT. 1"=2'					





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	1015
3 Remove, Salvage, & Reinstall Traffic Sign In Same Location (Unless Otherwise Noted). Signs Shall be Installed on New Telespar Prepunched Square Steel Tubing Posts With New Base Per COS Std Det 2131	EA	1

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1184
2 3" AC Pavement per PSS No. 1, per MAG 222	SY	882
3 Adjust Manhole Frame & Cover	EA	1
4 Graded Dirt Driveway per Detail 2, G9	SY	12
7 Adjust Valve Frame & Cover per COS Spec. 610.4 & MAG 391	EA	1
10 Safety Edge per MAG Std Det 201, modified to 3" depth	-	-
11 Acrylic Copolymer Topical Dust	SY	565
15 Paved Turnout per Detail 3, G9	SY	134
16 Graded Driveway per Detail 3, G9	SY	10

GENERAL NOTES

- Contractor shall protect existing underground utilities prior to construction. A minimum 36" shall be maintained and the lines shall be protected in place during construction.
- Match Existing
- Sawcut
- Protect In Place



PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
1417 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

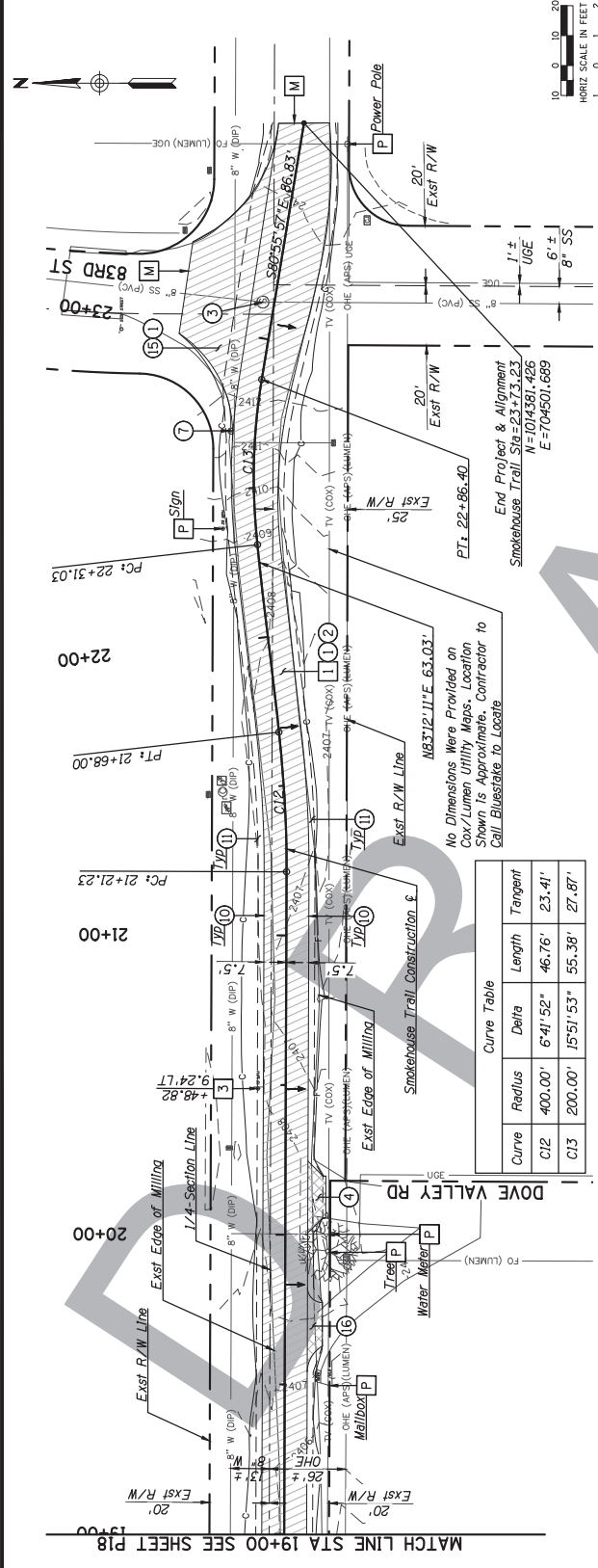
PROJECT TITLE
PAVING PLAN & PROFILE
SMOKEHOUSE TRAIL

PROJECT NO.
2020-049-COS

DATE
6/23/2023

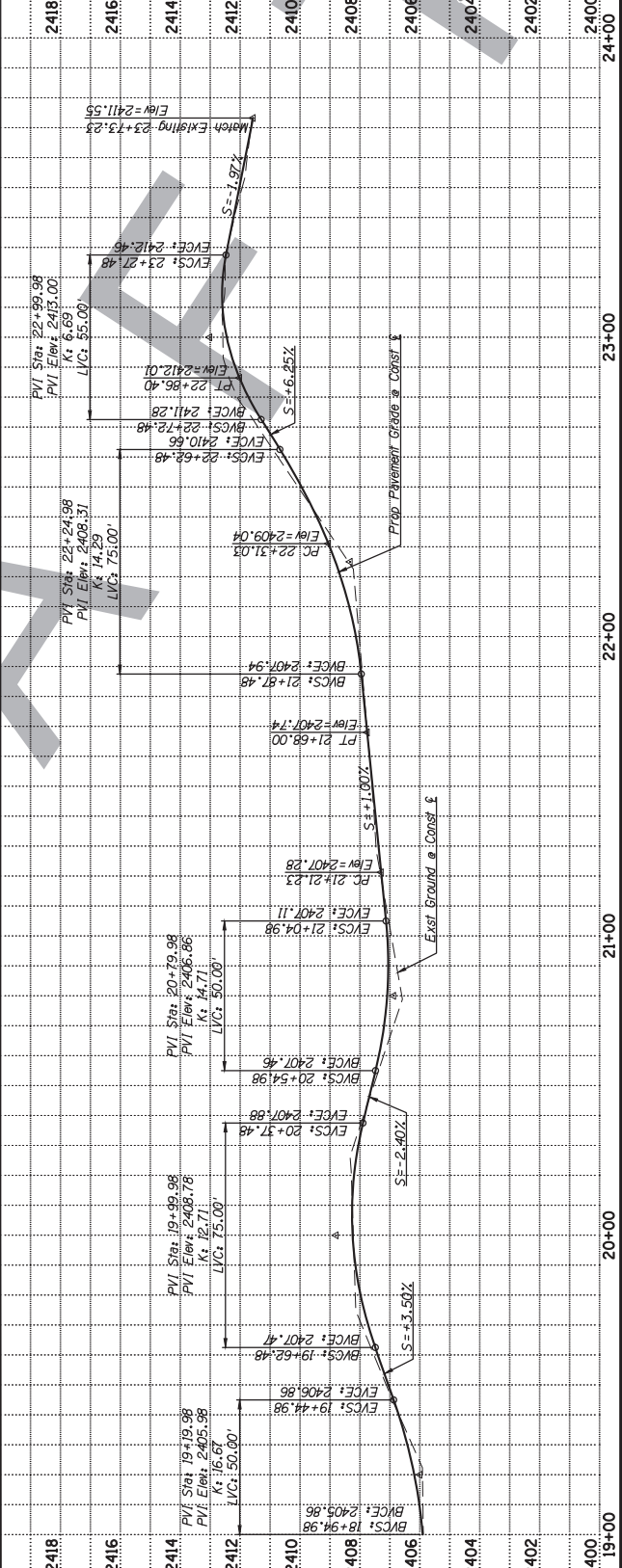
SCALE
HORIZ. 1"=20'
VERT. 1"=2'

SHEET NO.
28 OF 41



Curve Table				
Curve	Radius	Delta	Length	Tangent
C12	400.00'	6°41'52"	46.76'	23.41'
C13	200.00'	15°51'53"	55.38'	27.87'

SMOKEHOUSE TRAIL





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, ARIZONA 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	897

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1069
2 3" AC Pavement per PSS No. 1, G7	SY	889
4 Graded Dirt Driveway per Detail 1, 2, G9	SY	25
5 Low Water Crossing per Detail 1, G8	SY	22
6 Gabion Mattress	CY	22
7 Cul-Off Wall	LF	100
8 Safety Edge per MAG Std Det 201, modified to 3" depth	-	-
9 Acrylic Copolymer Topical Dust	SY	660
10 Palliative	SY	660
15 Paved Turnout per Detail 3, G9	SY	29

GENERAL NOTES		
1 Contractor shall protect existing underground utilities prior to construction to confirm depth. A minimum cover of 36" shall be maintained, and the lines shall be protected in place during construction.		
M Match Existing		
S Sawcut		
P Protect In Place		



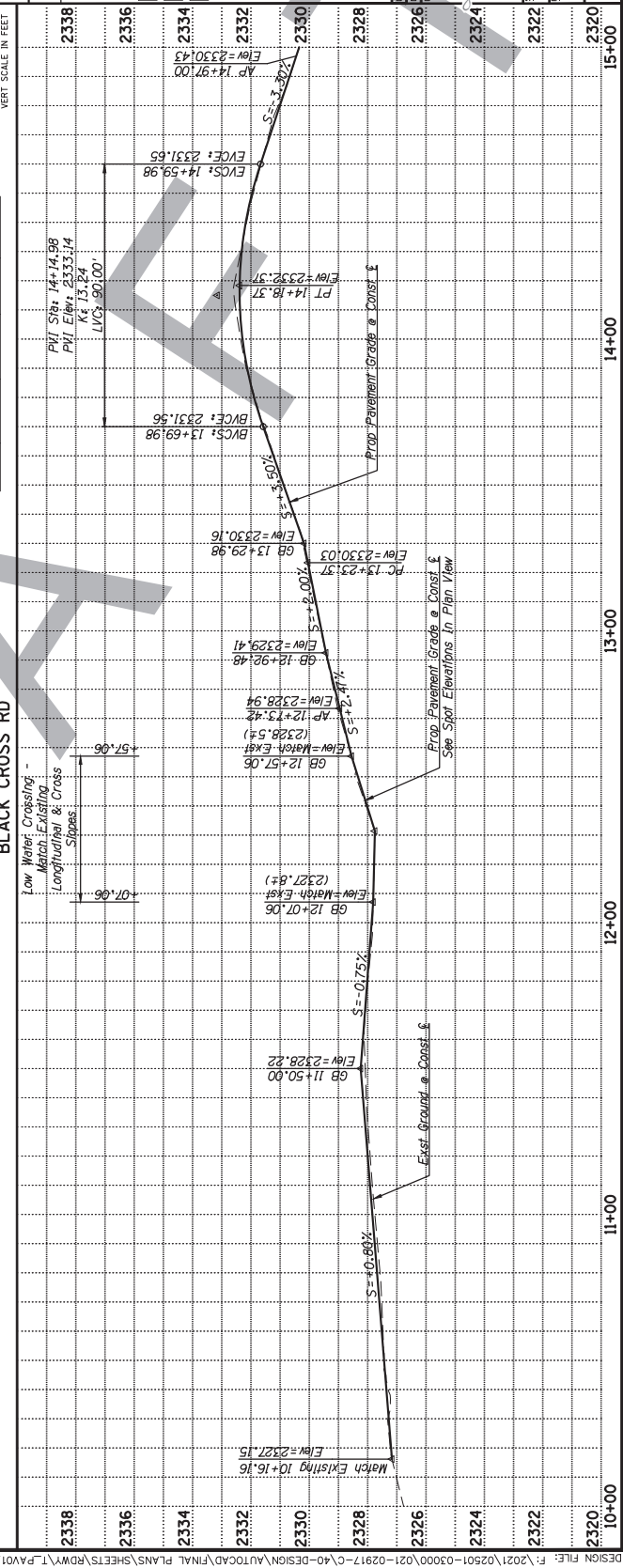
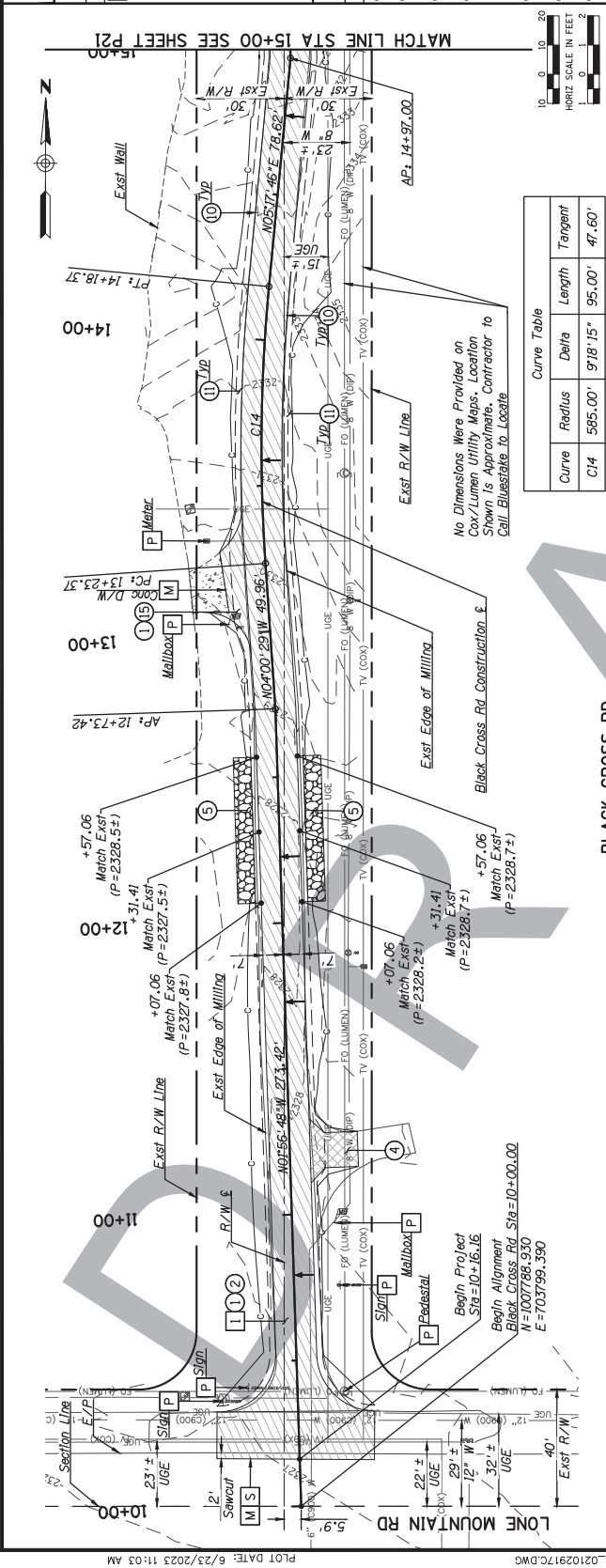
PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
BLACK CROSS RD

DATE	REVISION	BY

SCALE	DESIGNED	DRAWN	CHECKED	IN CHARGE
1"=20'				

SHEET NO.	SHEET TITLE	PROJECT NO.	DATE
2320	PM-10 PAVE DIRT ROADS	2020-049-COS	2/3/2021





6437 W. CHANDLER BLVD SUITE
1 CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES

Description	Unit	Quan
1 Remove AC/Millings (NPI)	SY	807

CONSTRUCTION NOTES

Description	Unit	Quan
1 Subgrade Preparation	SY	1045
2 3" AC Pavement per PSS No. 1, 67	SY	821
3 Safety Edge per MAG Std Det 201, modified to 3" depth	-	-
4 Acrylic Copolymer Topcoat Dust Palliative	SY	669
5 Paved Turnout per Detail 3, 69	SY	51
6 At Profile Low Spot, Grade to Drain From Shoulder to R/W to Create Positive Drainage Away From Roadway.	-	-

GENERAL NOTES

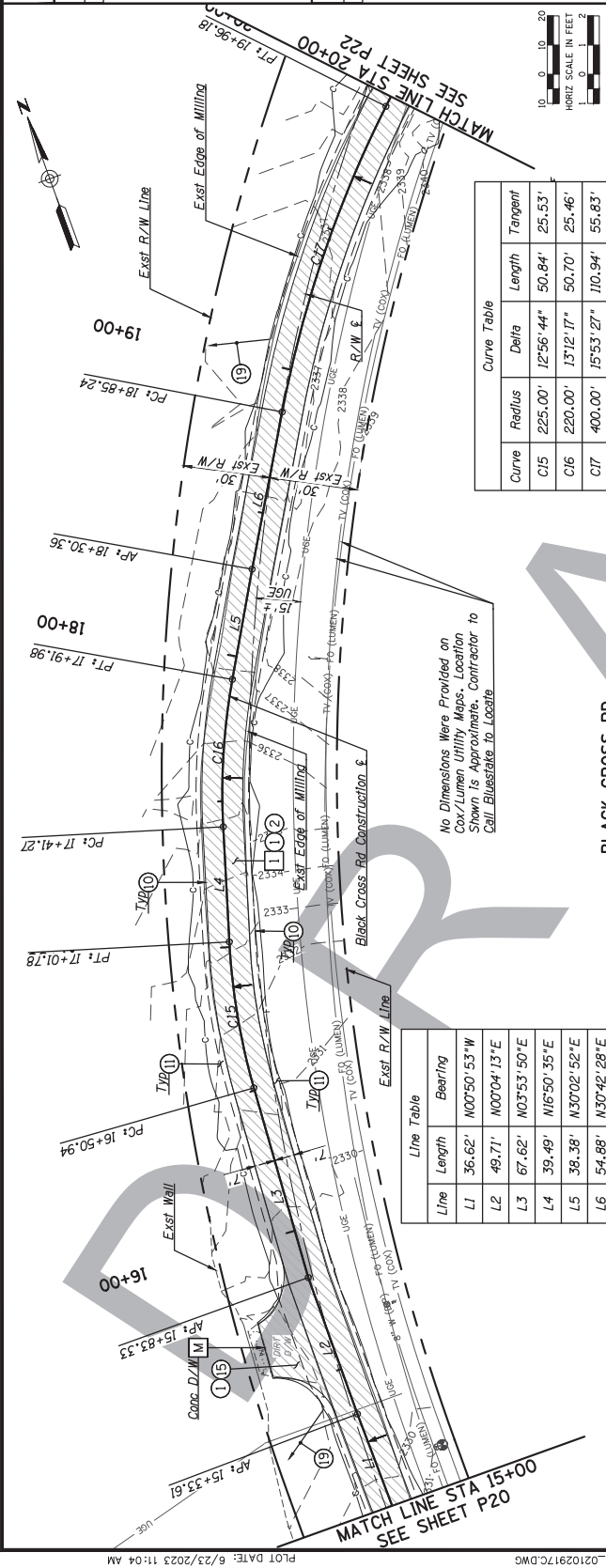
- Contractor shall protect existing underground utilities prior to construction to confirm depth. A minimum cover of 36" shall be maintained and the lines shall be protected in place during construction.
- M Match Existing
S Sawcut
P Protect In Place



PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
1417 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
BLACK CROSS RD

PROJECT NO. 2020-044-CGS
SHEET NO. 2020-044-CGS-005



Curve Table

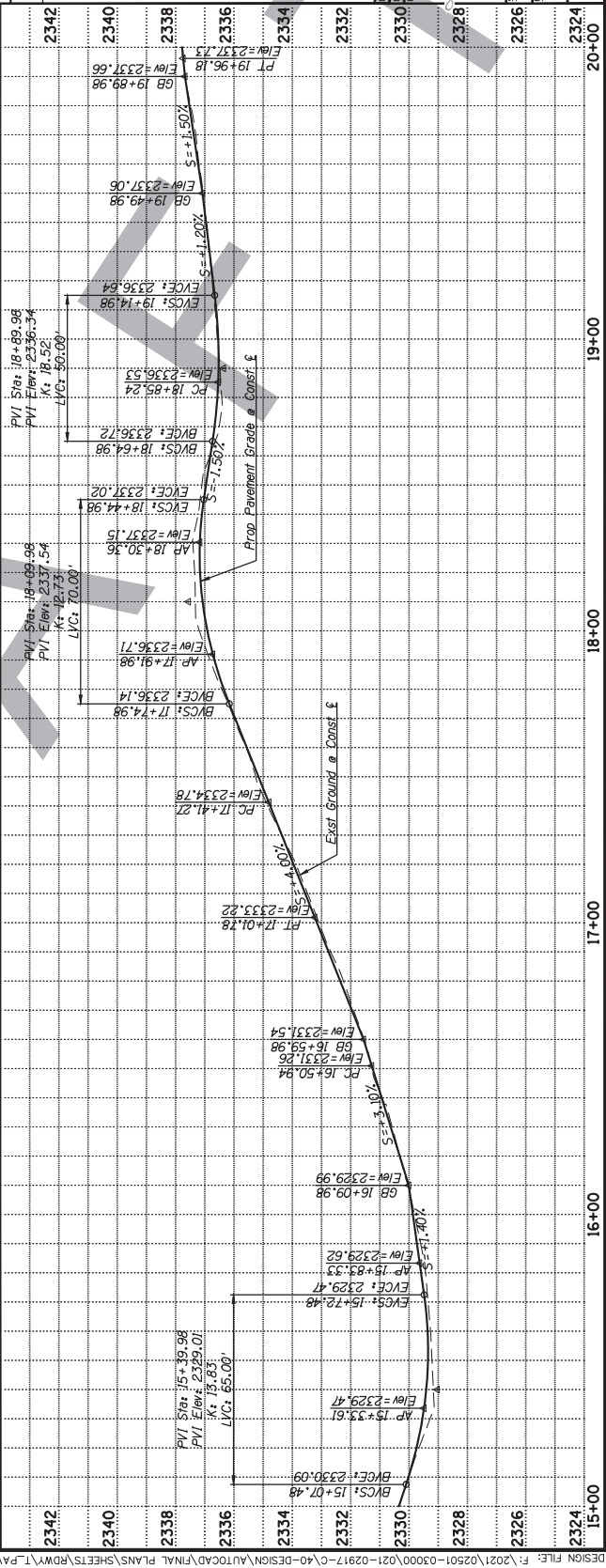
Curve	Radius	Delta	Length	Tangent
C15	225.00'	12°56'44"	50.84'	25.53'
C16	220.00'	13°12'17"	50.70'	25.46'
C17	400.00'	15°53'27"	110.94'	55.63'

Line Table

Line	Length	Bearing
L1	36.62'	N00°50'01"53"W
L2	49.71'	N00°04'13"E
L3	67.62'	N03°53'50"E
L4	39.49'	N16°50'35"E
L5	38.38'	N30°02'52"E
L6	54.88'	N30°42'28"E

No Dimensions Were Provided on Cox/Lumen Utility Maps. Location Shown is Approximate. Contractor to Call Bluesite to Locate

BLACK CROSS RD





6437 W. CHANDLER BLVD SUITE
1 CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	798

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1000
2 3" AC Pavement per PSS No. 1.	SY	165
3 3" AC Pavement per PSS No. 2.	SY	659
4 Safety Edge per MAG Std Det 201, modified to 3" depth	-	-
5 Acrylic Copolymer Topical Dust	SY	764
6 At Profile Low Spot, Grade to Drain From Shoulder to P/W to Create Positive Drainage Away From Roadway.	-	-

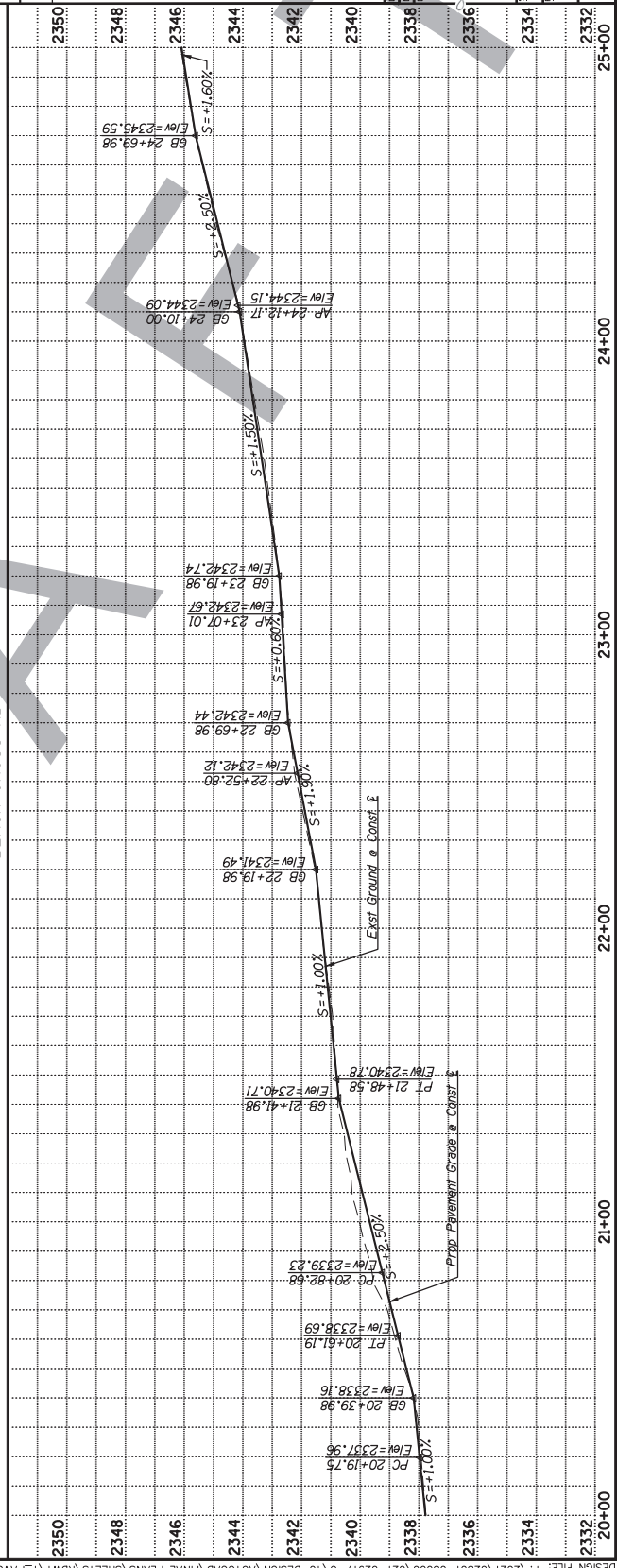
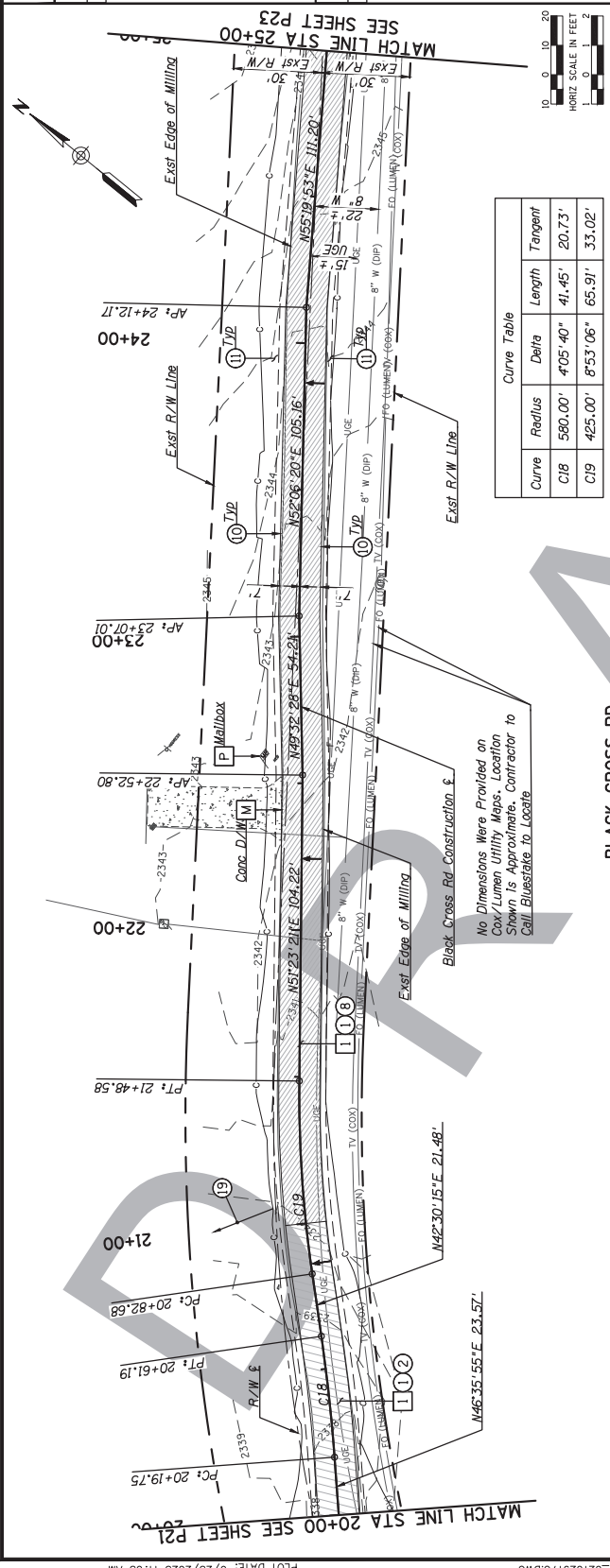
GENERAL NOTES		
1. Contractor shall protect existing underground utilities prior to construction. A minimum 36" shall be maintained and the lines shall be protected in place during construction.		
M Match Existing		
S Sawcut		
P Protect In Place		



DATE: 6/23/2023
REVISION: 1
PROJECT: PM-10 PAVE DIRT ROADS
SHEET: 2332 OF 2336

PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
BLACK CROSS RD



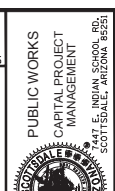


6437 W. CHANDLER BLVD SUITE
1 CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	765

CONSTRUCTION NOTES		
1 Subgrade Preparation	SY	104
4 Graded Dirt Driveway per Detail	SY	56
6 2, 69	SY	822
6 3" AC Over 6" ABC per PSS	SY	-
6 No. 2, 65	SY	-
6 Safety Edge per MAG Std Det	SY	-
6 201, modified to 3" depth	SY	-
6 Acrylic Copolymer Topical Dust	SY	744
6 Palliative	SY	-
6 Paved Turnout per Detail 3, 69	SY	35
6 At Profile Low Spot, Grade to	SY	-
6 Drain From Shoulder to R/W to	SY	-
6 Create Positive Drainage Away	SY	-
6 From Roadway.	SY	-

GENERAL NOTES		
1 Contractor shall patch existing underground utilities prior to construction.		
1 All utilities shall be protected in place during construction.		
1 Match Existing		
1 Sawcut		
1 Protect In Place		



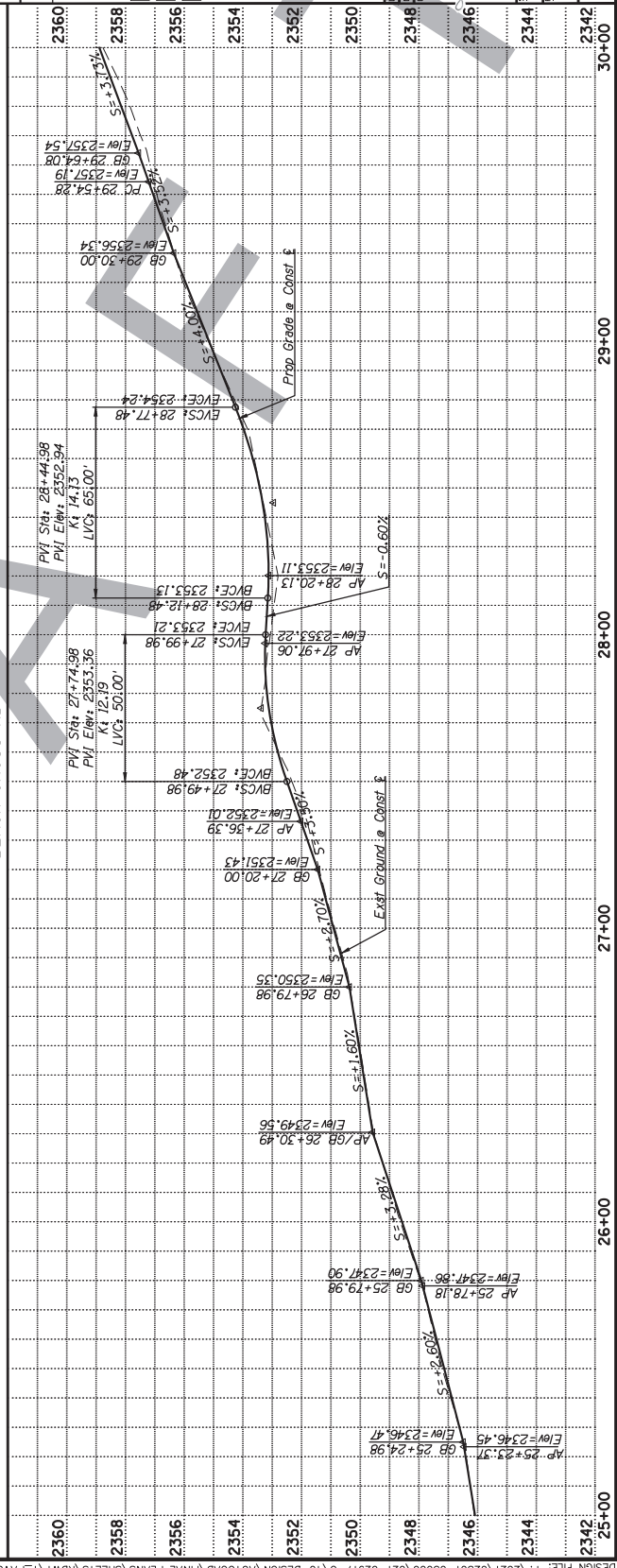
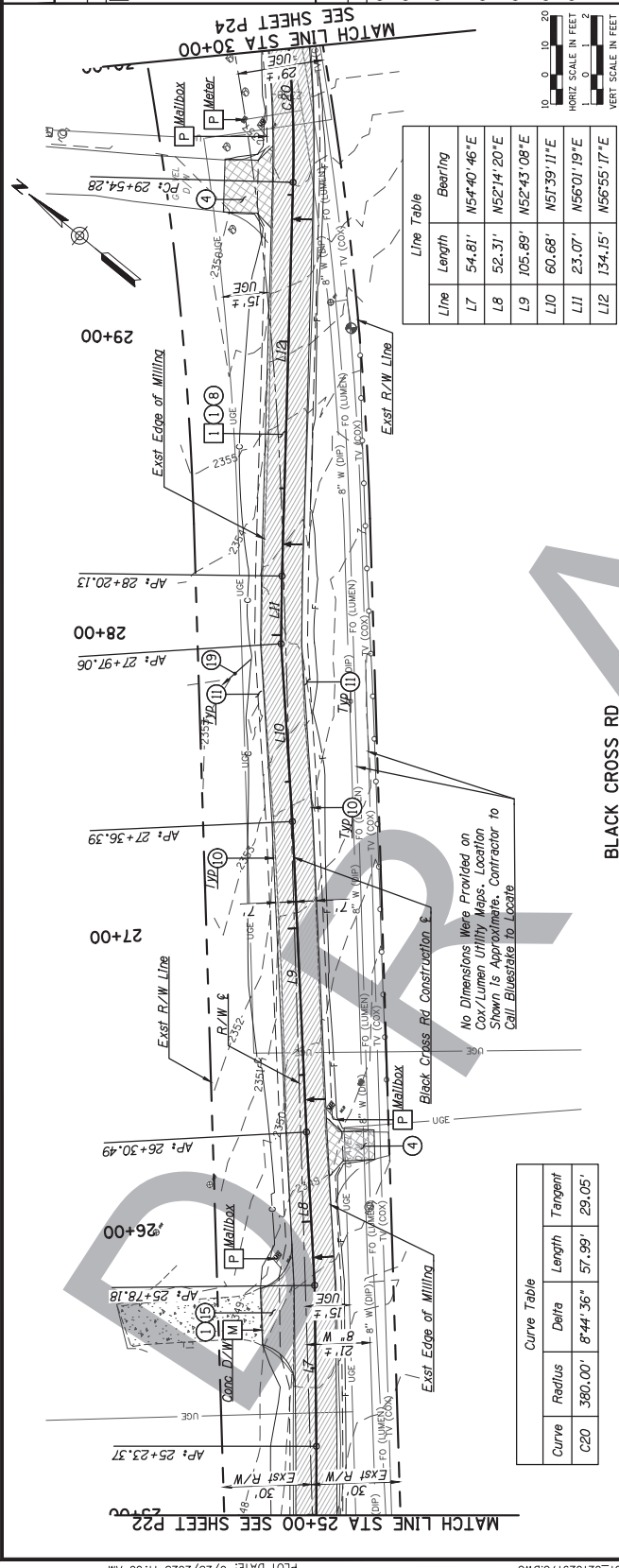
PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
4001 N. MCDONALD RD.
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
BLACK CROSS RD

DATE	REVISION	BY
11/20/2023	1	DR

SCALE	DESIGNED	DRAWN	CHECKED	IN CHARGE
1"=20'	DR	DR	DR	DR

SHEET	TITLE	PROJECT NO.	DATE
2342	PM-10 PAVE DIRT ROADS	2020-049-COS	3/28/21





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES

Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	770
2 Remove Mailbox	EA	1
4 Relocate Boulder (3' Min. From E/P)	EA	6

CONSTRUCTION NOTES

Description	Unit	Quan
1 Subgrade Preparation	SY	1008
2 3" AC Pavement per PSS No. 1.	SY	494
4 Graded Dirt Driveway per Detail 1.	SY	28
5 Low Water Crossing per Detail 1.	SY	53
8 Gabion Mattress	LF	236
Cur-Off Wall	SY	330
3" AC Over 6" ABC per PSS	EA	1
No. 2, 65	-	-
Stat. 30+00 to Sta. 32+00	-	-
MC207 Sid Def 2066	-	-
Safety Edge per MAC Sid Def	-	-
201, modified to 3" depth	-	-
Acrylic Copolymer Topical Dust	SY	468
Palliative	LF	8
24" CMP Pipe	EA	1
CMP Flared End Section, ADOOT	-	-
C-13.25	-	-
Caution-Existing Underground Utility Line Near Proposed Cur-Off Wall. Contractor To Coordinate Utility Line and Notify Engineer of Any Conflicts. Protect Utility Line in Place.	-	-

GENERAL NOTES

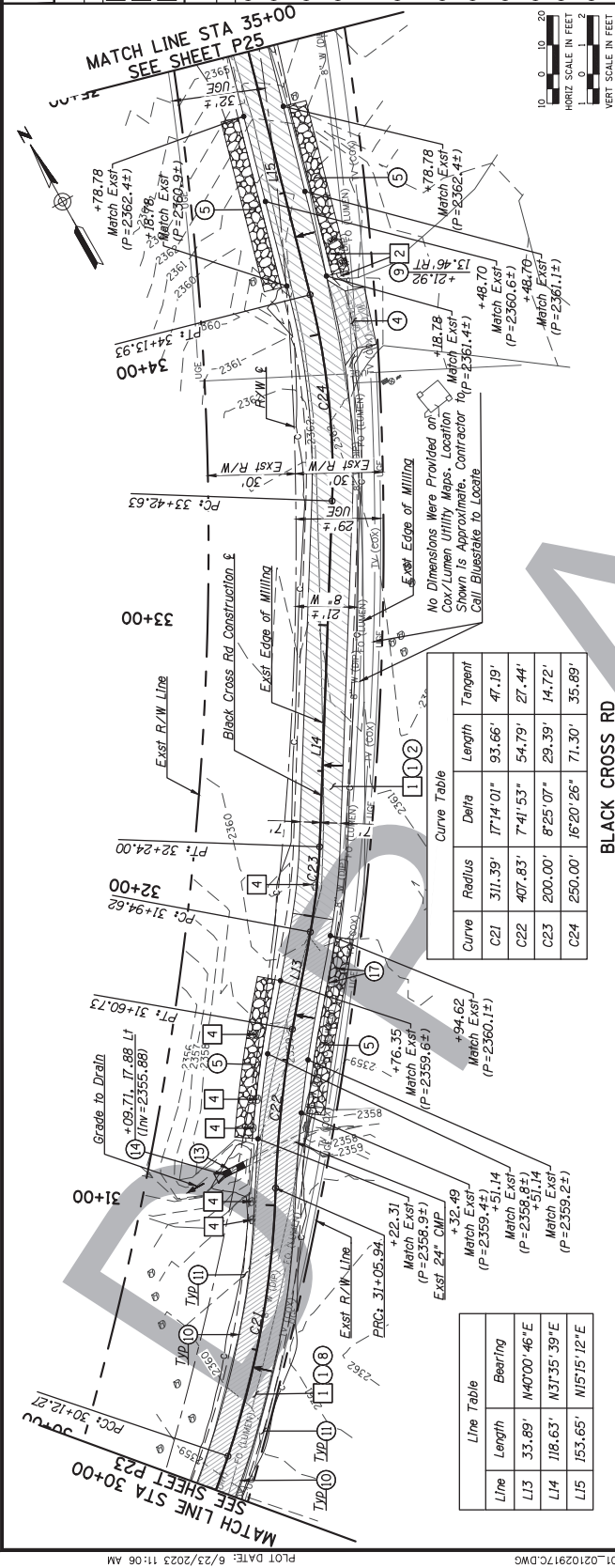
- Contractor shall protect existing underground utilities prior to construction to confirm depth. A minimum cover of 36" shall be maintained and the lines shall be protected in place during construction.
- M Match Existing
S Sawcut
P Protect In Place



PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
SCOTT A. BLEVINS
REGISTERED PROFESSIONAL ENGINEER
NO. 17717
STATE OF ARIZONA

PAVING PLAN & PROFILE
BLACK CROSS RD

SHEET NO.	2354
PROJECT NO.	2020-049-CGS
DATE	6/23/2022
BY	RY
CHECKED BY	RY
DESIGNED BY	RY
SCALE	1"=20'
VERT. SCALE	1"=2'

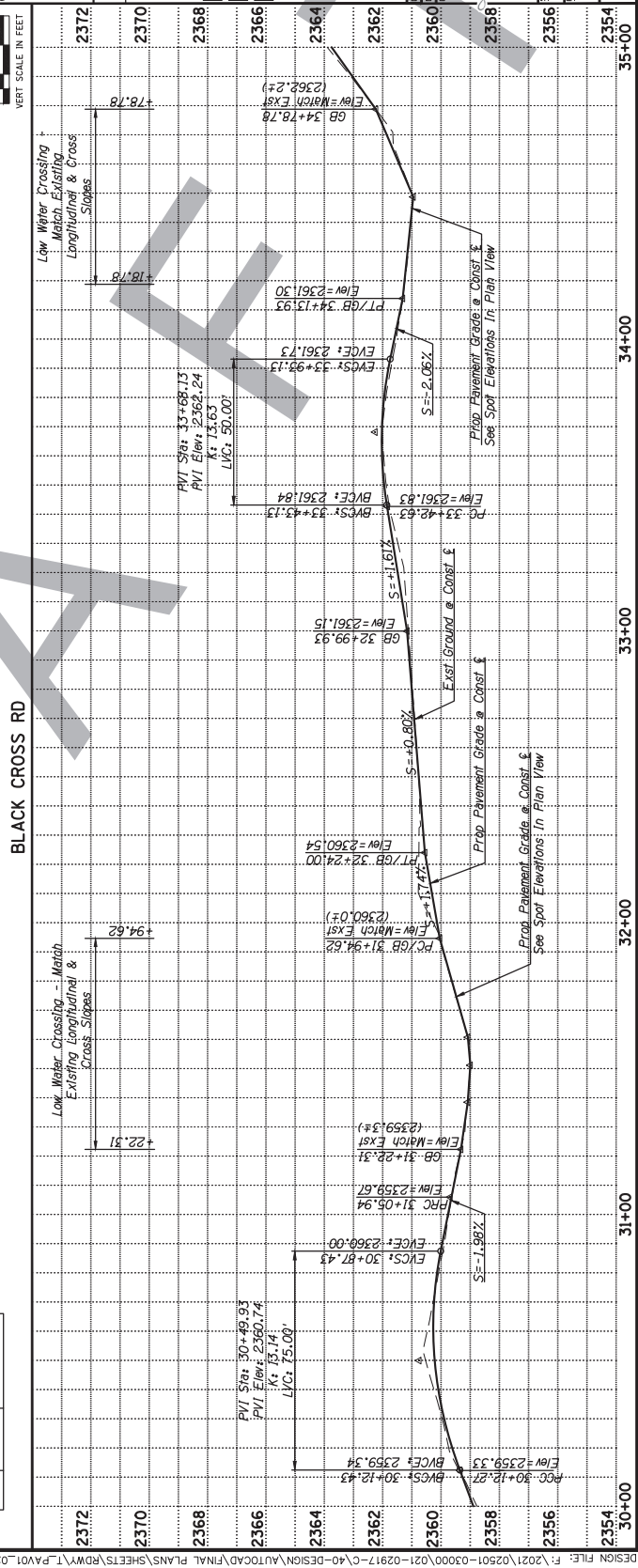


Curve Table

Curve	Radius	Delta	Length	Tangent
C21	311.39'	17°14'01"	93.66'	47.19'
C22	407.83'	7°41'53"	54.79'	27.44'
C23	200.00'	8°25'07"	29.39'	14.72'
C24	250.00'	16°20'26"	71.30'	35.89'

Line Table

Line	Length	Bearing
L13	33.89'	N40°00'46"E
L14	118.63'	N31°35'39"E
L15	153.65'	N15°15'12"E





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	932
4 Relocate Boulder (3' Min. From EA E/P)	EA	2

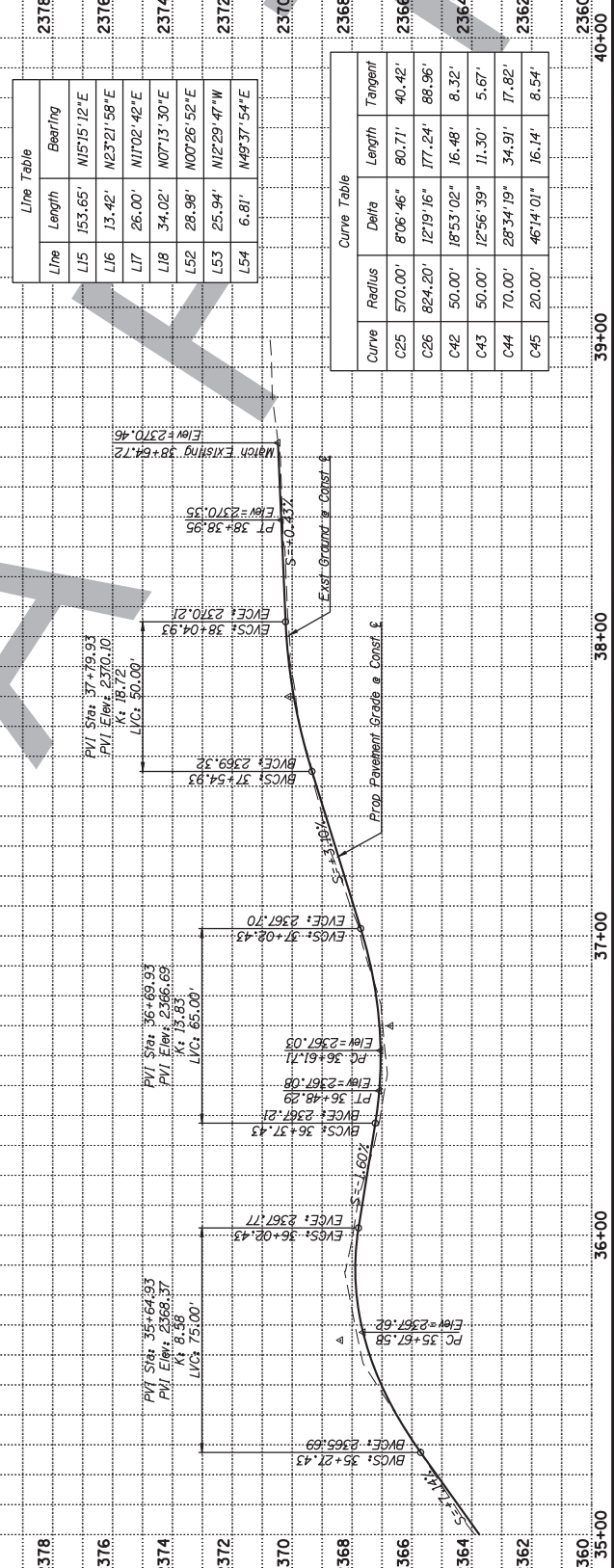
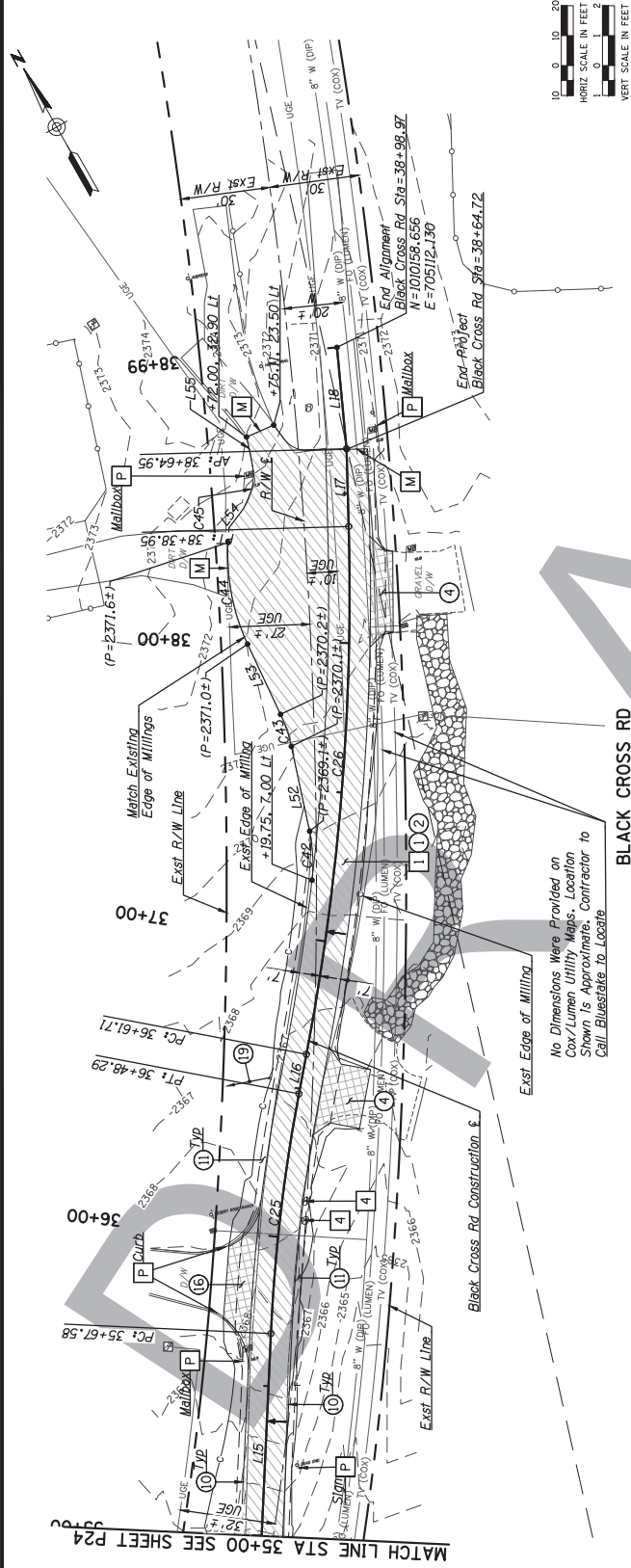
CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1035
2 3" AC Pavement per PSS No. 1, G7	SY	917
4 Graded Dirt Driveway per Detail 2, G9	SY	61
10 Safety Edge per MAG Std Det 201, modified to 3" depth	-	-
11 Acrylic Copolymer Topical Dust Palliative	SY	357
16 Graded Driveway per Detail 3, G9	SY	35
19 At Profile Low Spot, Grade to Drain From Shoulder to R/W to Create Positive Drainage Away From Roadway.	-	-

GENERAL NOTES		
1 Contractor shall patch existing underground utilities prior to construction to confirm depth. All concrete shall be maintained and the lines shall be protected in place during construction.		
M Match Existing		
S Sawcut		
P Protect In Place		



DATE: 6/23/2023
BY: [Signature]
REVISION: [Signature]
PROJECT NO.: 2020-049-COS
SHEET TITLE: PAVING PLAN & PROFILE
BLACK CROSS RD
PM-10 PAVE DIRT ROADS

SCALE	DESIGNED	DRAWN	CHECKED	DATE	BY
1"=20'	1"=20'	1"=20'	1"=20'	6/23/2023	SC



Line Table		
Line	Length	Bearing
L15	153.65'	N15°15'12\"E
L16	13.42'	N23°21'58\"E
L17	26.00'	N17°02'42\"E
L18	34.02'	N07°13'30\"E
L52	28.98'	N00°26'52\"E
L53	25.94'	N12°29'47\"W
L54	6.81'	N49°37'54\"E

Curve Table		
Curve	Radius	Delta
C25	570.00'	8°06'46\"
C26	824.20'	12°19'16\"
C42	50.00'	18°53'02\"
C43	50.00'	12°56'39\"
C44	70.00'	28°54'19\"
C45	20.00'	46°14'01\"



6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES	
Description	Unit
1 Remove AC/Millings (NFI)	SY 940

CONSTRUCTION NOTES	
Description	Unit
1 Subgrade Preparation	SY 1138
2 3" AC Pavement per PSS No. 1, SY 715	
3 Graded Dirt Driveway per Detail 27	
4 Adjust Valve Frame & Cover per COS Spec. 610.4 & MAG 391	
5 3" AC Over 6" ABC per PSS No. 2, 65	
6 Safety Edge per MAG Std Det 201, modified to 3" depth	
7 Acrylic Copolymer Topical Dust	
8 Paved Turnout per Detail 3, 69	
9 Graded Driveway per Detail 3, 27	
10 At Profile Low Spot, Grade to Drain From Shoulder to R/W to Create Positive Drainage Away From Roadway.	

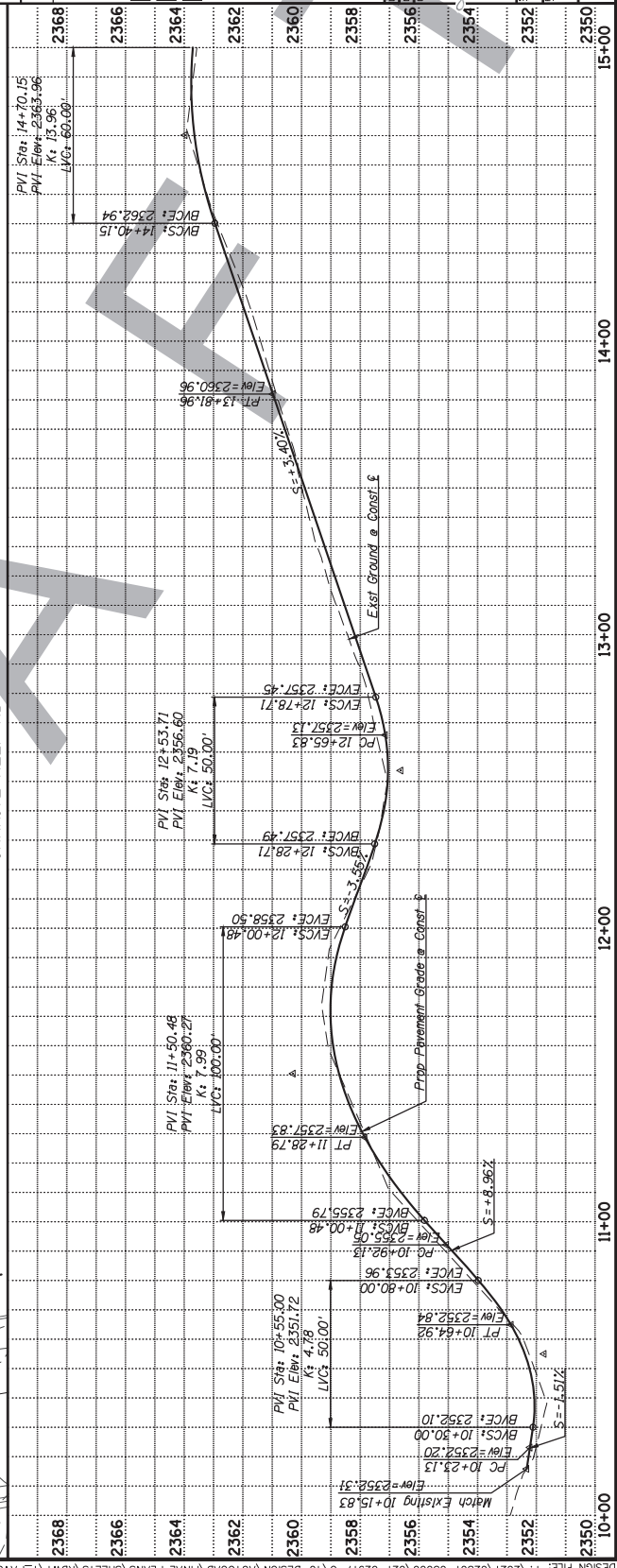
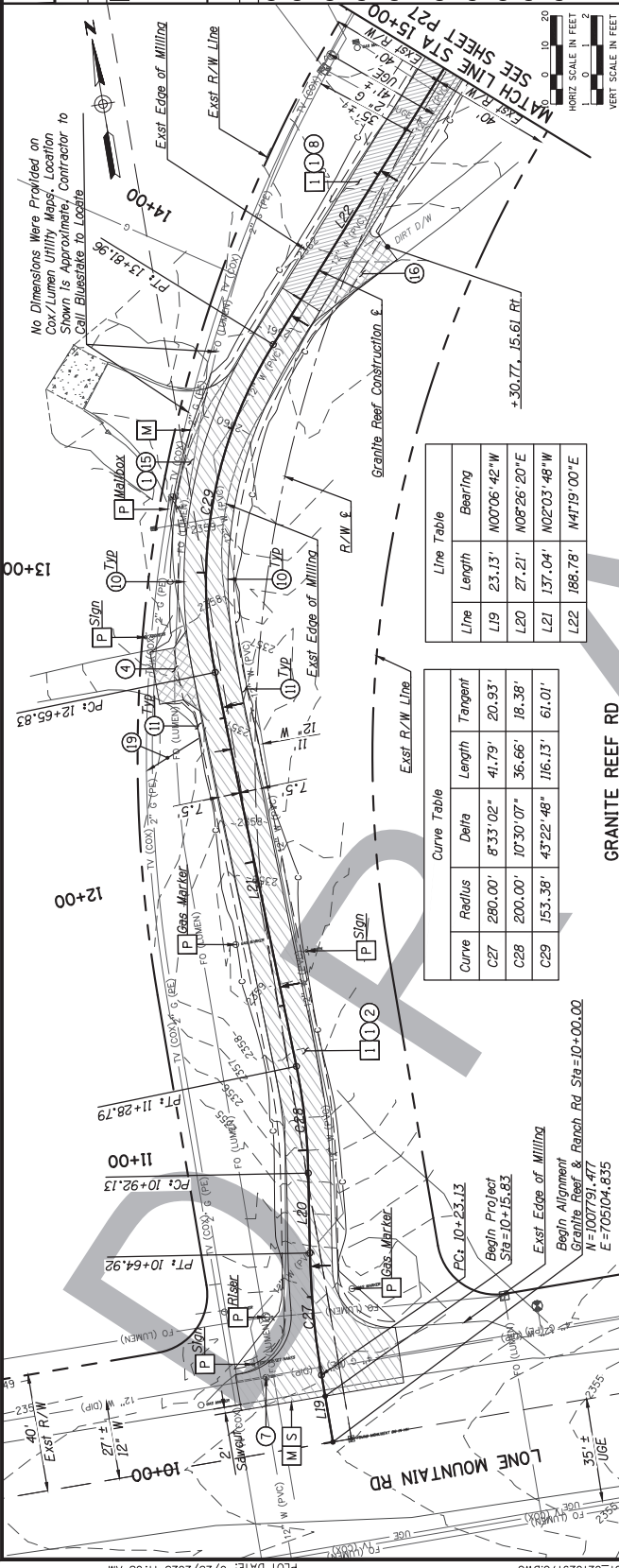
GENERAL NOTES	
1. Contractor shall protect existing underground utilities prior to construction to confirm depth. All underground utilities shall be maintained and protected during construction.	
M Match Existing	
S Sawcut	
P Protect In Place	



DATE: 6/23/2023
REVISION: 1
PROJECT: PM-10 PAVE DIRT ROADS
SHEET: 2350 OF 2350

PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
AT E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
GRANITE REEF RD





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	891

CONSTRUCTION NOTES

Description	Unit	Quan
1 Subgrade Preparation	SY	1086
4 Graded Dirt Driveway per Detail 2, G9	SY	228
8 3" AC Over 6" ABC per PSS No. 2, G5	SY	919
10 Safety Edge per MAG Std Det Sta 15+00 to Sta 20+00	-	-
11 Acrylic Copolymer Topical Dust	SY	704
15 Paved Turnout per Detail 3, G9	SY	53
16 Graded Driveway per Detail 3, G9	SY	52
19 At Profile Low Spot, Grade to Drain From Shoulder to R/W to Create Positive Drainage Away From Roadway.	-	-

GENERAL NOTES

- Contractor shall patch existing underground utilities prior to construction. A minimum 36" shall be maintained and the lines shall be protected in place during construction.
- Match Existing
- Sawcut
- Protect In Place

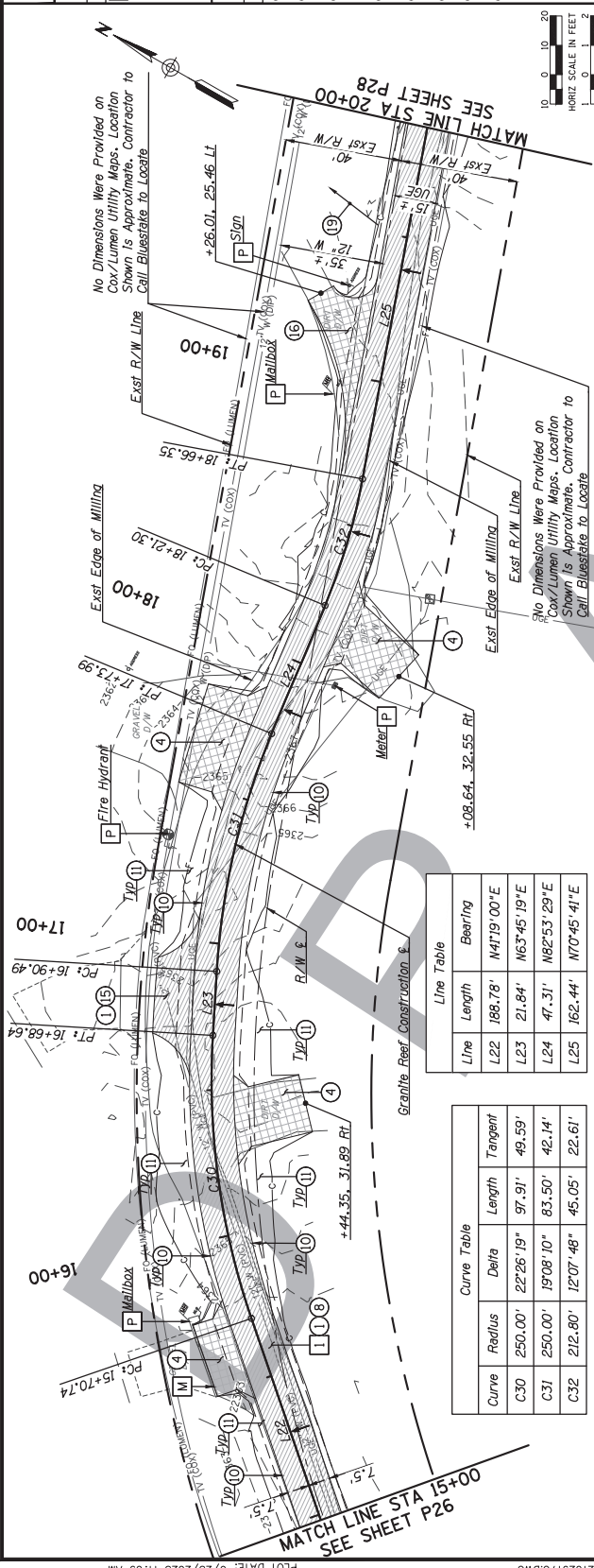


PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
GRANITE REEF RD

DATE	REVISION	BY

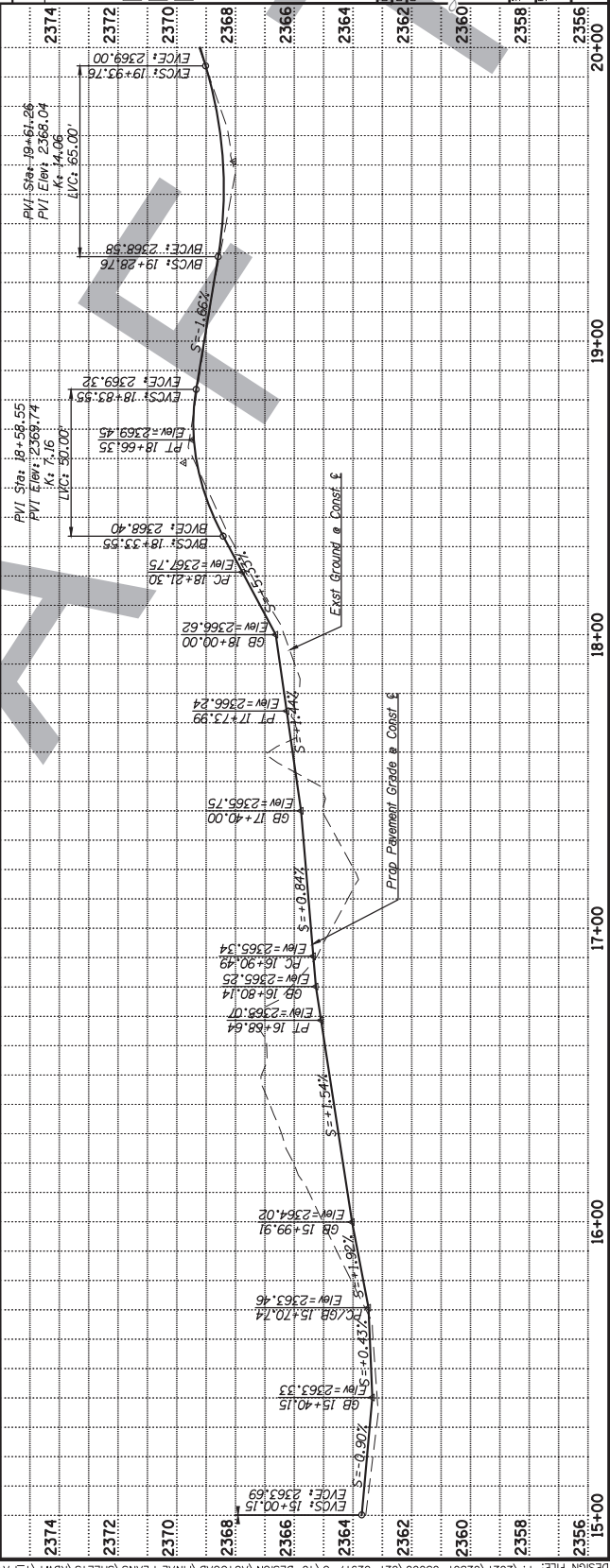
PROJECT NO. 2020-048-COS
SHEET NO. 36 of 41



Line Table		
Line	Length	Bearing
L22	188.78'	N41°19'00"E
L23	21.84'	N63°45'19"E
L24	47.31'	N82°53'29"E
L25	162.44'	N70°45'41"E

Curve Table		
Curve	Radius	Length
C30	250.00'	22°26'19"
C31	250.00'	19°08'10"
C32	212.80'	12°07'48"

GRANITE REEF RD





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	807

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1101
4 Graded Dirt Driveway per Detail	SY	113
2, 69		
6 3" AC Over 6" ABC per PSS	SY	890
No. 2, 65		
20 Safety Edge per MAG Std Det	-	-
201, modified to 3" depth		
Acrylics Copolymer Topical Dust	SY	680
Palliative		
Paved Turnout per Detail 3, 69	SY	71

GENERAL NOTES

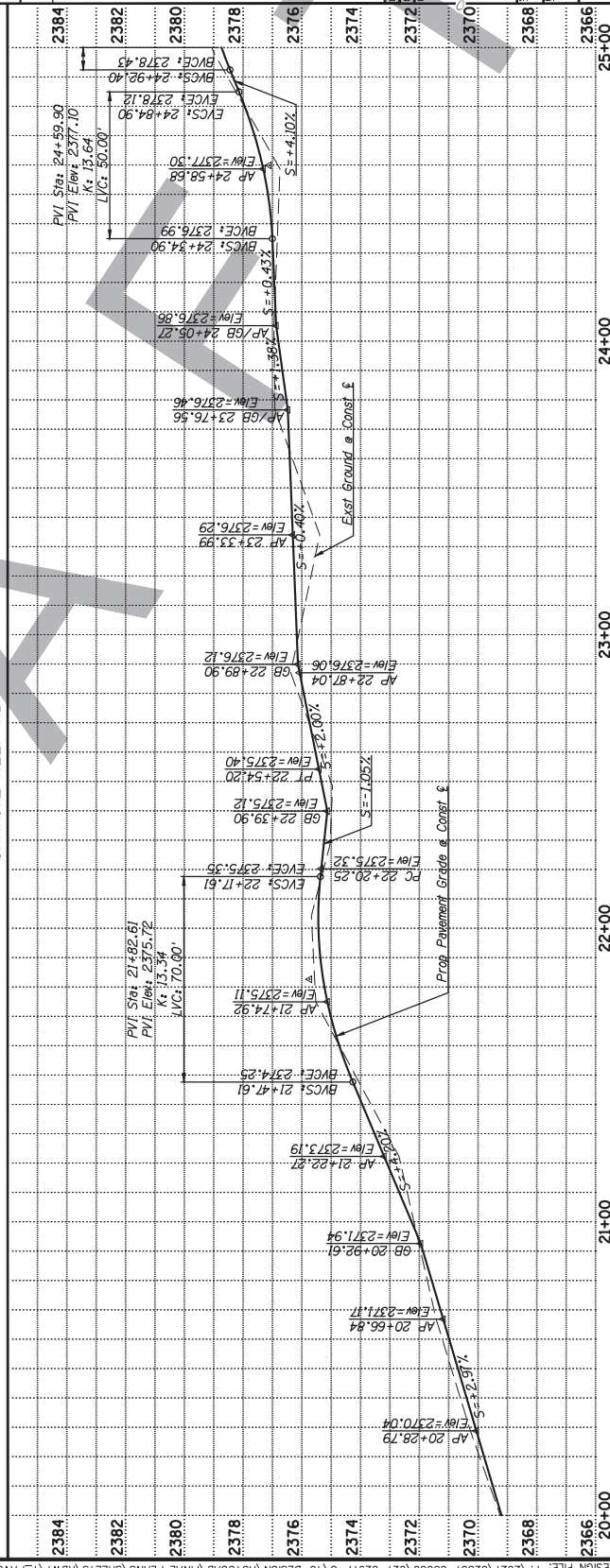
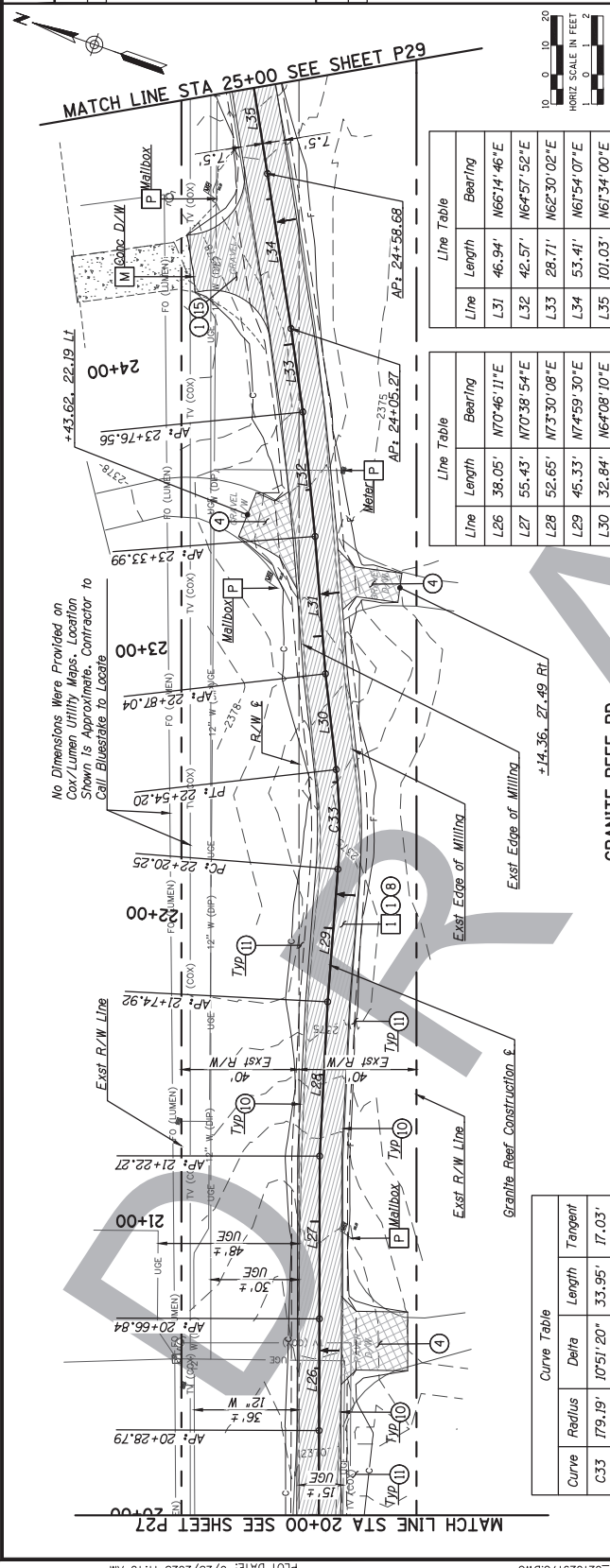
1. Contractor shall patch existing underground utilities prior to construction commencing. All utility lines shall be protected in place during construction.

M Match Existing
S Sawcut
P Protect In Place



PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
1417 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE GRANITE REEF RD		
SHEET NO.	2366	
PROJECT NO.	2020-049-COS	
DATE	6/23/23	
BY	RF	





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	937

CONSTRUCTION NOTES		
Description	Unit	Quan
1 Subgrade Preparation	SY	1105
2 3" AC Pavement per PSS No. 1, 1, SY	SY	177
3 Graded Dirt Driveway per Detail 30	SY	30
4 2, 69	SY	730
5 3" AC Over 6" ABC per PSS No. 2, 65	SY	-
6 Safety Edge per MAG Std Det 201, modified to 3" depth	SY	692
7 Acrylic Copolymer Topical Dust Palliative	SY	57
8 Paved Turnout per Detail 3, 69	SY	-
9 At Profile Low Spot, Grade to Drain From Shoulder to R/W to Create Positive Drainage Away From Roadway.	SY	-

GENERAL NOTES

1. Contractor shall patch existing underground utilities prior to construction to confirm depth. A minimum cover of 36" shall be maintained and the pipes shall be protected in place during construction.

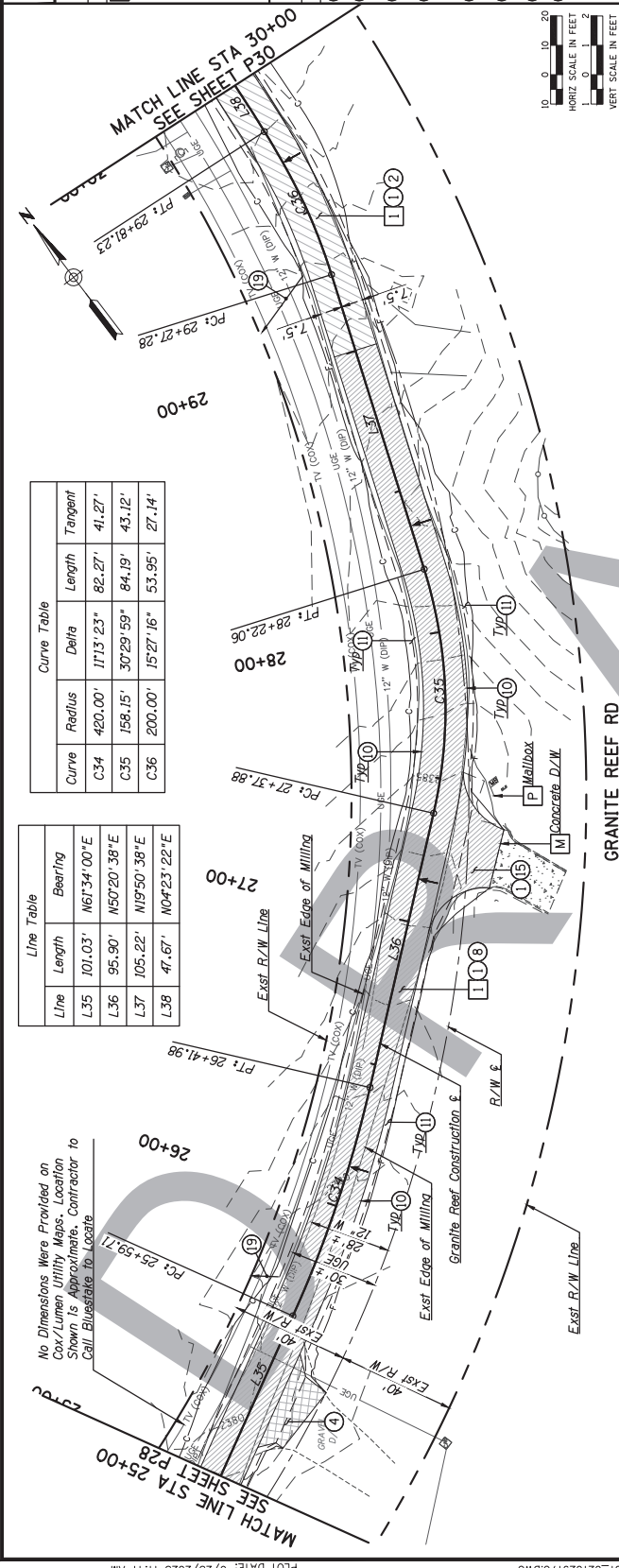
M Match Existing
S Sawcut
P Protect In Place



PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
SCOTTSDALE, ARIZONA 85251

PAVING PLAN & PROFILE
GRANITE REEF RD

DATE	REVISION	BY

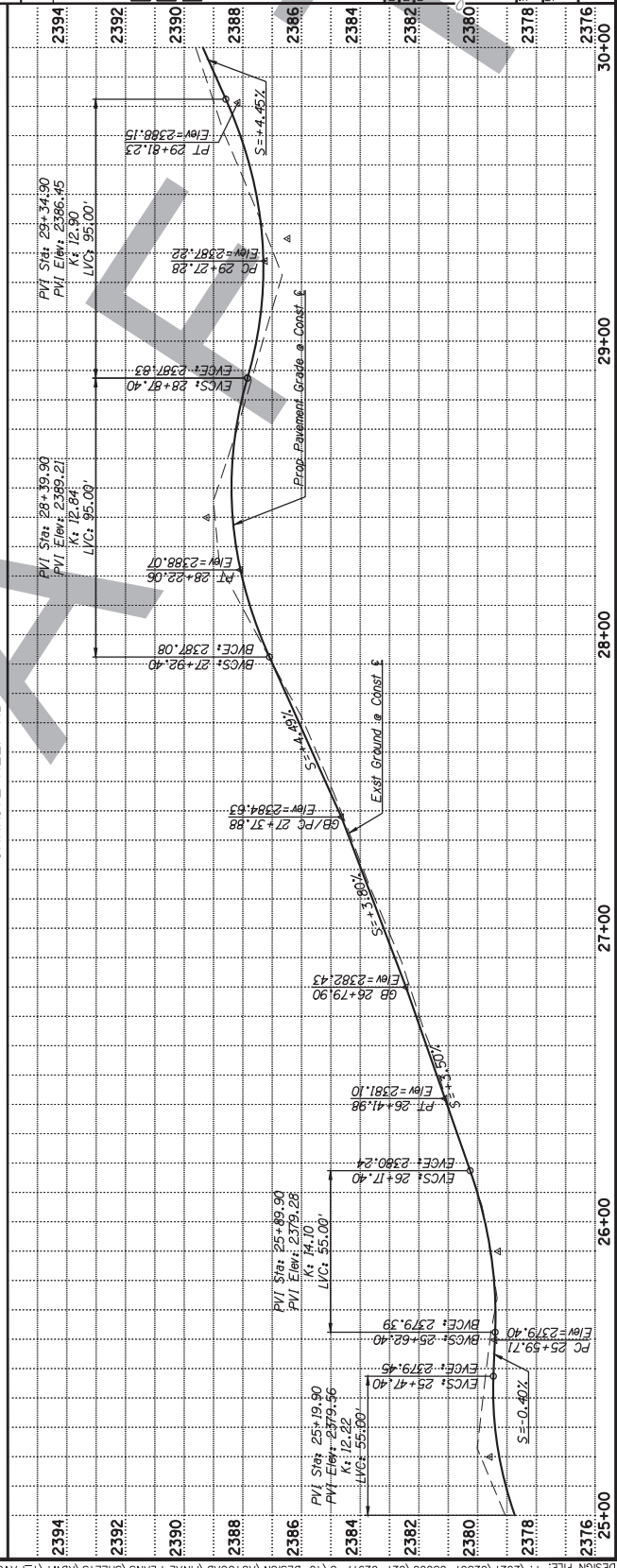


Curve Table

Curve	Radius	Delta	Length	Tangent
C34	420.00'	117°13'23"	82.27'	41.27'
C35	158.15'	30°29'59"	84.19'	43.12'
C36	200.00'	15°27'16"	53.95'	27.14'

Line Table

Line	Length	Bearing
L35	101.03'	N61°34'00"E
L36	95.90'	N50°20'38"E
L37	105.22'	N19°50'38"E
L38	47.67'	N04°23'22"E





6437 W. CHANDLER BLVD SUITE
1 CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES			
Description	Unit	Quan	
1 Remove AC/Millings (NFI)	SY	574	
4 Relocate Boulder (3' Min. From E/P)	EA	1	

CONSTRUCTION NOTES

Description	Unit	Quan
1 Subgrade Preparation	SY	650
2 3" AC Pavement per PSS No. 1, 67	SY	606
9 Safety Edge per MAG Std Det 201, modified to 3" depth	-	-
11 Acrylic Copolymer Topical Dust	SY	436
20 Installed Dumped Riprap, 12" Thick, D ₅₀ =6"	SY	58

GENERAL NOTES

- Contractor shall patch existing underground utilities prior to construction to same depth. All lines shall be installed and the lines shall be protected in place during construction.
- M Match Existing
S Sawcut
P Protect In Place



PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
AT E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

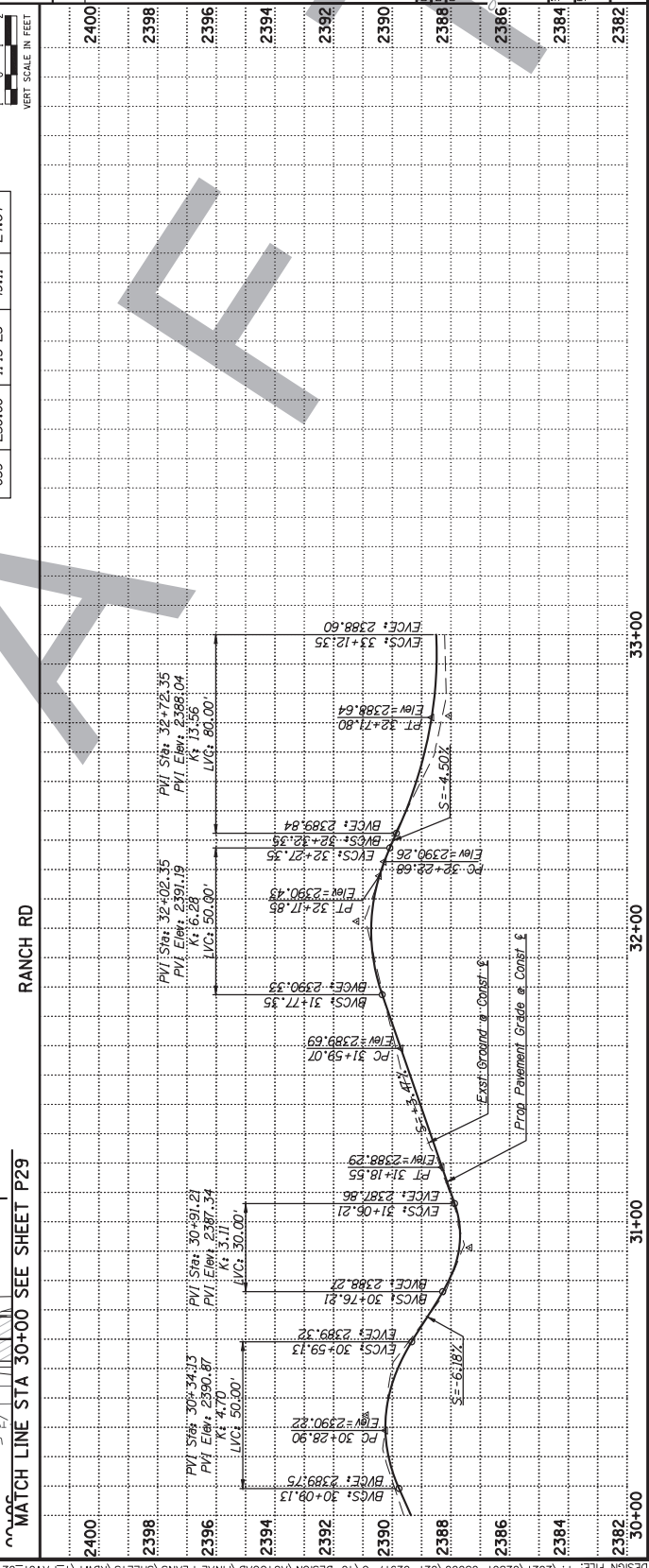
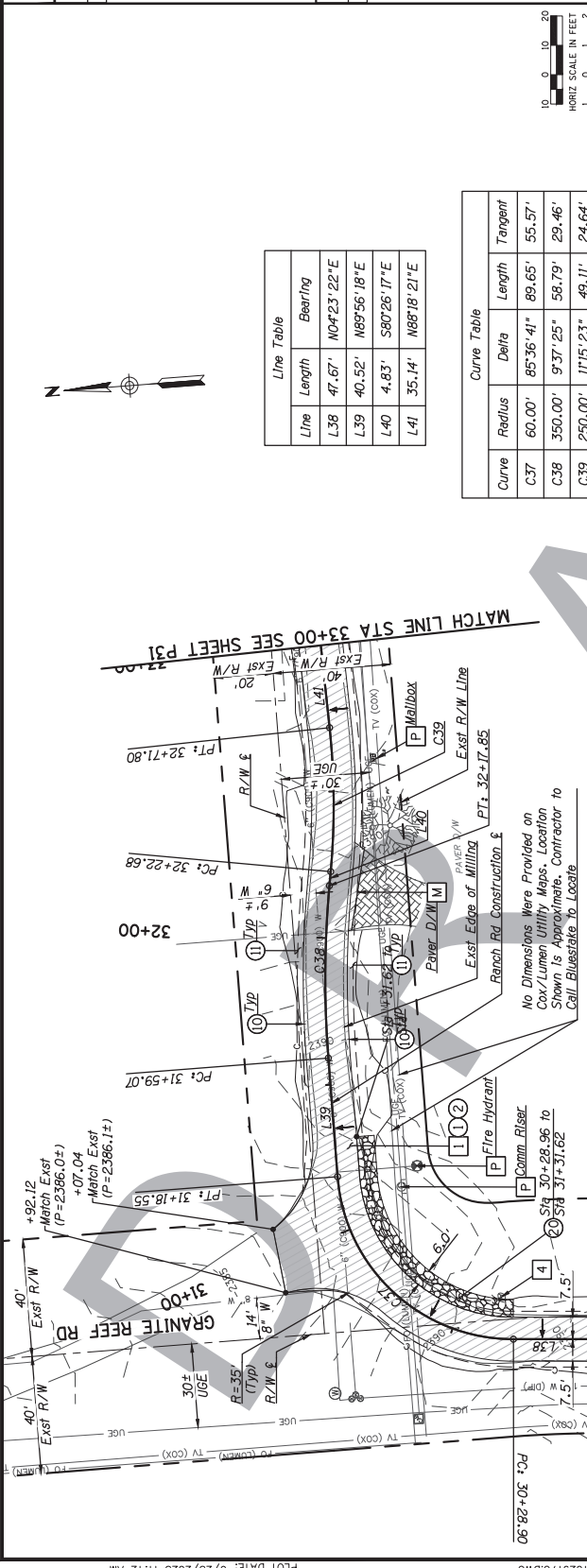
PAVING PLAN & PROFILE
GRANITE REEF RD

PM-10 PAVE DIRT ROADS

DATE	REVISION	BY
11/12	1	EA

SCALE: HORIZ. 1"=20' VERT. 1"=2'

SHEET NO. 33 OF 41





6437 W. CHANDLER BLVD SUITE
1 CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES		
Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	753

CONSTRUCTION NOTES

- Subgrade Preparation SY 1055
- 3" AC Pavement per PSS No. 1, SY 888
- 201, modified to 3" depth
- Acrylic Copolymer Topical Dust SY 705
- At Profile Low Spot, Grade to Drain From Shoulder to R/W to Create Positive Drainage Away From Roadway.

GENERAL NOTES

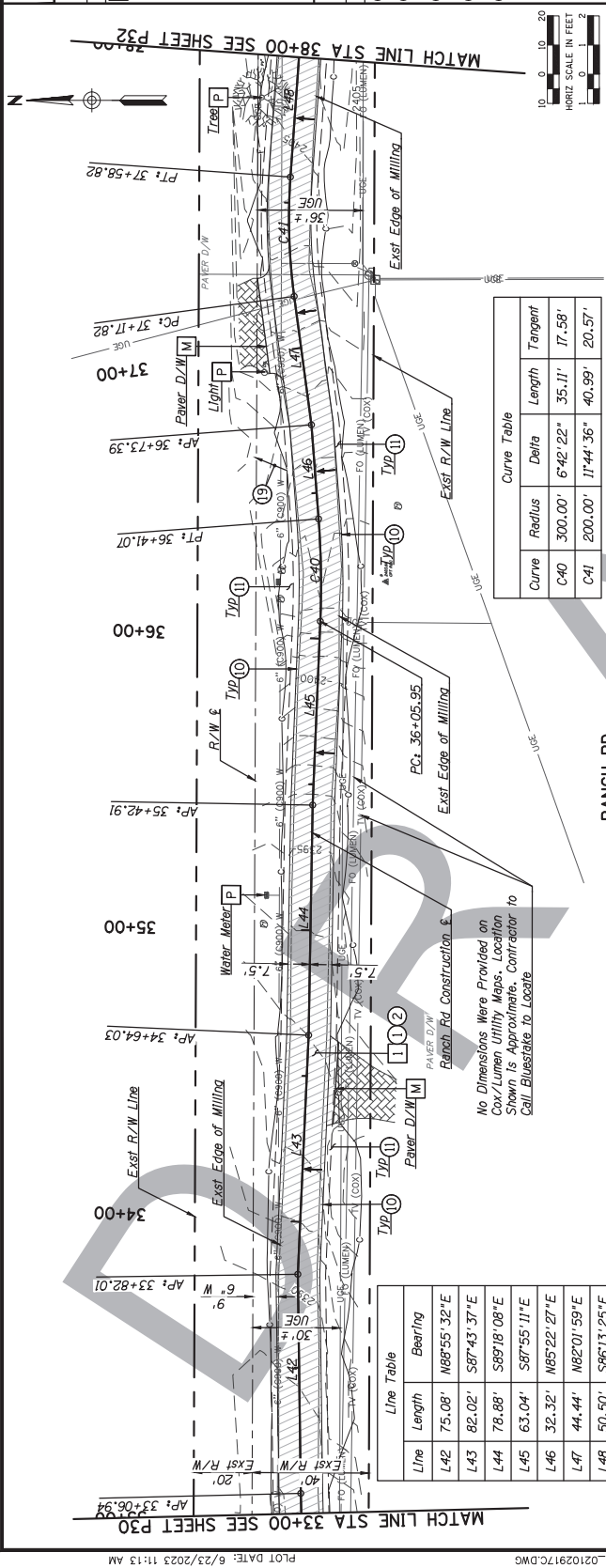
- Contractor shall patch existing underground utilities prior to construction commencing. All utilities shall be maintained, and the lines shall be protected in place during construction.
- Match Existing
- Sawcut
- Protect In Place



DATE: 6/23/2023 BY: [Signature]
DESIGNED: [Signature] CHECKED: [Signature]
PROJECT NO.: 2020-049-C05
SHEET NO.: 40 of 41
PROJECT TITLE: PM-10 PAVE DIRT ROADS
DRAWN: [Signature]
SCALE: 1"=20' HORIZ, 1"=2' VERT

PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
SCOTTSDALE, ARIZONA 85251

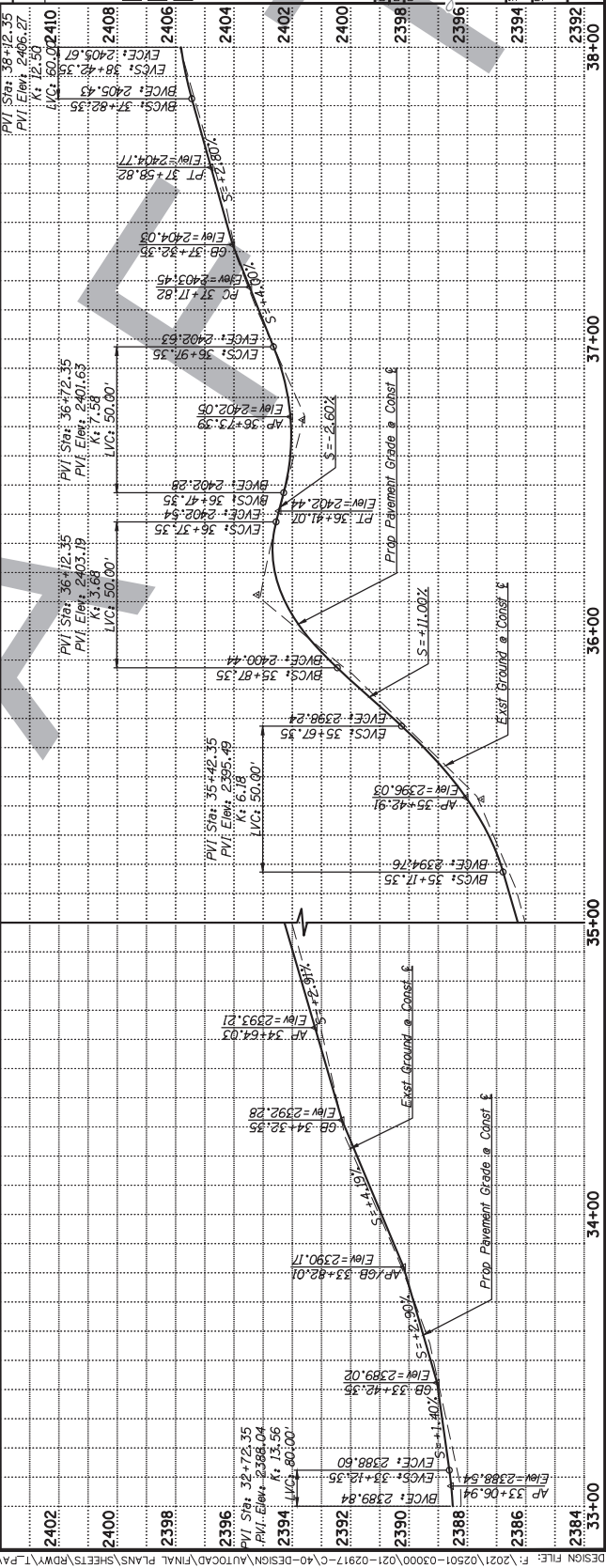
PAVING PLAN & PROFILE
RANCH RD



Curve Table			
Curve	Radius	Delta	Tangent Length
C-40	300.00'	6°42'22"	35.11'
C-41	200.00'	11°44'36"	40.99'

No Dimensions Were Provided on Cox/Lumen Utility Maps. Location Shown is Approximate. Contractor to Call BlueStake to Locate

RANCH RD





6437 W. CHANDLER BLVD SUITE 100
CHANDLER, AZ 85226
(480) 828-6000

REMOVAL & RELOCATION NOTES

Description	Unit	Quan
1 Remove AC/Millings (NFI)	SY	403
3 Remove, Salvage, & Reinstall Traffic Sign in Same Location (Unless Otherwise Noted). Signs Shall be Installed on New Telespar Prepunched Square Steel Tubing Posts With New Base Per COS Std Der 2131	EA	1

CONSTRUCTION NOTES

Description	Unit	Quan
1 Subgrade Preparation	SY	521
2 3" AC Pavement per PSS No. 1, G7	SY	439
9 Safety Edge per MAG Std Der 201, modified to 3" depth	-	-
11 Acrylic Copolymer Topical Dust	SY	307
19 At Profile Low Spot, Grade to Drain From Shoulder to P/W to Create Positive Drainage Away From Roadway.	-	-

GENERAL NOTES

- Contractor shall patch existing underground utilities prior to construction to same depth. All lines shall be installed and the lines shall be protected in place during construction.
- M Match Existing
S Sawcut
P Protect In Place



DATE: 05/17/2023
DESIGNED BY: DLS
CHECKED BY: JRS
PROJECT NO.: 2020-049-COS
SHEET TITLE: PAVING PLAN & PROFILE
RANCH RD

PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
SCOTTSDALE, ARIZONA 85251

SCALE: HORIZ. 1"=20' VERT. 1"=2'	DESIGNED BY: DLS	CHECKED BY: JRS	PROJECT NO.: 2020-049-COS	SHEET NO.: 41 OF 41
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