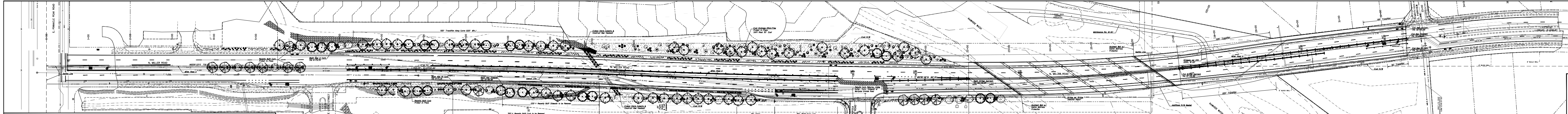
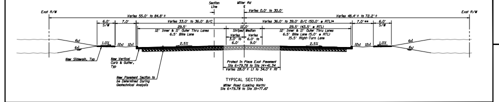
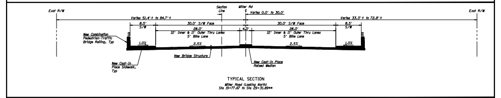

E. PINNACLE PEAK ROAD
N. MILLER ROAD
N00°00'23"E 732.5
Miller Road ℄
Section Line
Recently Built Curb Protect In Place
Begin New Lt Curb Sta 6+79.78
500' Transition Along Curve (225' Min.)
Begin New Rt Curb Sta 9+71.15
Begin New Sidewalk Sta 10+89.98
Recently Built Curb Protect In Place
FUTURE LOCAL STREET
Extend Storm Culverts & Construct New Headwall
Sawcut Line
230'± Recently Built Sidewalk to be Removed
350'± Recently Built Curb to be Removed
Exst Drainage Ditch/Flow Protect In Place Shift Road 30' East
25' Public Access & Trail Easement
Exst R/W
90' Taper
150' Right-Turn Lane
RAWHIDE WASH
225' Transition
Rebuild Curb Returns, Valley Gutter, Curb, Sidewalk at Mariposa Grande Road
E. MARIPOSA GRANDE ROAD
Exst Rolling Gate Protect In Place
Begin Bridge Approach Sta 22+02.87
6' BLOCK WALL
N. MILLER ROAD


Exst R/W
Section Line
Miller Rd ℄
Varies 0.0' to 30.0'
Varies 55.0' to 84.8'±
Varies 48.4'± to 72.2'±
6.0' S/W
7.0'
Varies 33.0' to 36.0' B/C
Varies 36.0' to 39.0' B/C (50.0' @ RTL)*
7.0'**
29.5'
12' Inner & 11' Outer Thru Lanes
6.5' Bike Lane
12.0' Striped Median
Varies 3.0' to 6.0'
Varies 6.0' to 9.0'
29.5' (43.5' @ RTL)
6.5' Bike Lane (5.0' @ RTL)
15.5' Right-Turn Lane
6:1
1.0%
12:1
2.5%
New Sidewalk, Typ
New Vertical Curb & Gutter, Typ
New Pavement Section to be Determined During Geotechnical Analysis
Protect In Place Exst Pavement Sta 6+79.78 to Sta 14+41.34
Varies 28.0'± Lt to 34.0'± Rt

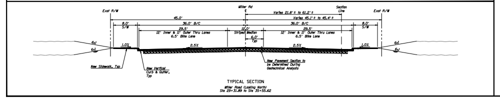
TYPICAL SECTION

Miller Road (Looking North)
Sta 6+79.78 to Sta 19+77.67


Exst R/W
Section Line
Miller Rd ℄
Varies 0.0' to 30.0'
Varies 51.4'± to 84.7'±
Varies 33.3'± to 72.8'±
8.5' S/W
30.0' S/W Face
28.0'
4.0'
12' Inner & 11' Outer Thru Lanes
5' Bike Lane
1.0%
2.5%
New Combination Pedestrian-Traffic Bridge Railing, Typ
New Bridge Structure
New Cast-In Place Sidewalk, Typ
New Cast-In Place Raised Median

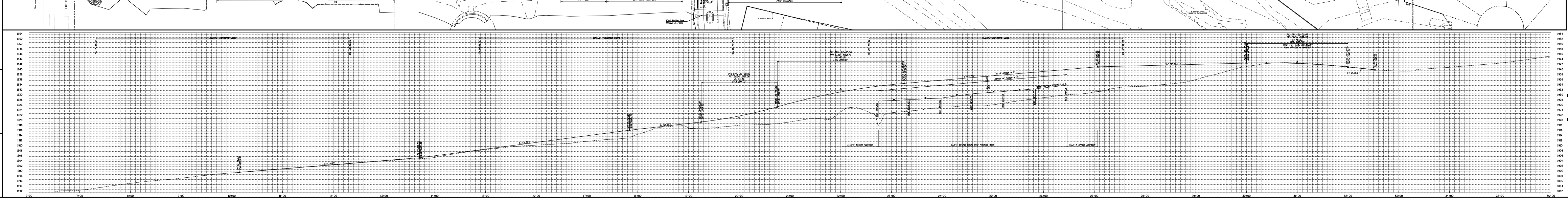
TYPICAL SECTION

Miller Road (Looking North)
Sta 19+77.67 to Sta 29+31.89**


Exst R/W
Miller Rd ℄
Section Line
Varies 21.8'± to 61.2'±
45.0'
Varies 45.1'± to 45.4'±
8.0' S/W
36.0' B/C
29.5'
12' Inner & 11' Outer Thru Lanes
6.5' Bike Lane
12.0' Striped Median
6.0' Typ
6:1
1.0%
2.5%
New Sidewalk, Typ
New Vertical Curb & Gutter, Typ
New Pavement Section to be Determined During Geotechnical Analysis

TYPICAL SECTION

Miller Road (Looking North)
Sta 29+31.89 to Sta 35+55.62


1954
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25+00
26+00
27+00
28+00
29+00
30+00
31+00
32+00
33+00
34+00
35+00
36+00
500.00' Horizontal Curve

LEGEND

- Construction ℄
- Section Line
- Existing Right-Of-Way
- Existing Property Line
- Existing Easement
- Existing Natural Gas
- Existing Water (≤12")
- Existing Water (>12")
- Existing Reclaimed Water (≤12")
- Existing Reclaimed Water (>12")
- Existing Sanitary Sewer (≤12")
- Existing Storm Drain (≤12")
- Existing Storm Drain (>12")
- Existing Communication Line
- Existing Fiber Optic Line
- Existing Underground Electric
- Existing Underground Electric Duct Bank
- Existing Underground Cable TV
- Existing Curb & Gutter
- Existing Wall
- Gutter Flowline
- Existing Top of Slope
- Existing Toe of Slope
- Existing Concrete
- Existing Concrete Sidewalk
- Existing Storm/Drainage Riprap

Existing Water Valve	Existing Electric Meter
Existing Water Manhole	Existing Electric Junction Box
Existing Water Meter	Existing Electric Transformer
Existing Water Backflow Preventor	Existing Light Pole
Existing Water Air Release Valve	Existing Electric Pole
Existing Fire Hydrant	Existing Electric Meter
Existing Stormdrain Manhole	Existing Communications Manhole
Existing Stormdrain Grate	Existing Communications Riser
Existing Stormdrain Headwall	Existing Communications Junction Box
Existing Sewer Manhole	Existing Communications Cabinet
Existing Sign	Existing Bollard
Existing Electric Manhole	Existing Gas Valve

PLANTING MATERIAL LEGEND

TREES	SIZE	NOTES
Tree To Remain - Protect in Place		
Salvaged Tree - Installed	See Salvage Table	
Cacti To Remain - Protect in Place		
Salvaged Cacti - Installed	See Salvage Table	
Olneya Tesota Ironwood Caliper Size: Avg. 1½"	24" Box H 4-6' W 3.5-3.5'	Multi *ADWR
Parkinsonia floridum Blue Palo Verde Caliper Size: 1.5"	24" Box H 5-7' W 3-4'	*ADWR
Chilopsis linearis Desert Willow Caliper Size: 1.5"	24" Box H 6'-7' W 3'-4'	*ADWR
GROUNDCOVERS		
Dalea frutescens Black Dalea	5 Gallon	*ADWR
Zinnia grandiflora Prairie Zinnia	5 Gallon	*ADWR
Baileya multiradiata Desert Marigold	5 Gallon	*ADWR
SHRUBS / ACCENTS		
Larrea tridentata Creosote Bush	5 Gallon	*ADWR
Simmondsia chinensis Jojoba	5 Gallon	*ADWR
Justicia californica Chuparosa	5 Gallon	*ADWR
Encelia farinosa Brittlebush	5 Gallon	*ADWR
Dasylirion wheeleri Desert Spoon	5 Gallon	*ADWR
Agave victoriae-reginae Queen Victoria Agave	5 Gallon	*ADWR
Decomposed Granite - 1/2" screened, Desert Gold, 2" deep in planting areas per plan.		

*ADWR = Arizona Department of Water Resources Approved Low-Water Use Plant

N

HORZ SCALE IN FEET
VERT SCALE 1" = 4'

DATE	REVISION	BY

30%
PRELIMINARY
NOT FOR
CONSTRUCTION

PUBLIC WORKS
CAPITAL PROJECT
MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
CONCEPTUAL ROLL PLOT

PROJECT TITLE
HAYDEN RD/MILLER RD: PINNACLE PEAK RD TO HAPPY VALLEY RD

SCALE	DESIGNED	DATE		SHT.
HORIZ. 1"=20'	KMR	12/20		C-1
VERT. 1"=4'	DRAWN KMR	AS-BUILT	PROJECT NO. 2020-049-COS	1 OF 1

XXX-XX

12/1/2021