BOARD OF SUPERVISORS AGENDA ITEM REPORT

Requested Board Meeting Date: August 17, 2020

Title: Project Name: Public Roadway Improvement Linda Vista Blvd. and Thornydale Road
Plan #:P18SC00038
Owner/Developer: Lennar Homes

Introduction/Background:

Acceptance of the above referenced Project/Roadway into the Pima County Maintenance System.

Discussion:

Project/Roadway Improvements have been completed and dedicated to Pima County and Recorded as Public Right-of-Way. Recommendation is made to accept the attached roadways into the Pima County Maintenance System.

Conclusion:

If Approved:
Public improvements completed adjacent to these Subdivision Lots and/or Roadway will be maintained by the Pima County Department of Transportation.

If Denied:
Recently completed improvements to the above referenced Project/Roadway will not be maintained by the Pima County Department of Transportation.

Recommendation:

Acceptance of the attached roadways/subdivision improvements into the Pima County Maintenance System.

Fiscal Impact:

No cost to the Department for these improvements. If accepted into the Maintenance System there will be a cost associated with the maintenance, however not immediately since it is new construction.

Board of Supervisor District:

☒ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ All

Department: Transportation Telephone: 520-724-2650

Contact: Brian Crowninshield Telephone: 520-724-2323

Department Director Signature/Date: Mark H. Olvaire 7/21/2020

Deputy County Administrator Signature/Date: [illegible] 7/22/2020

County Administrator Signature/Date: C. Daniel Bay 7/23/20

PIMA COUNTY
TRANSPORTATION

MEMORANDUM

Date: July 20, 2020

To: Ana M. Olivares, P.E.
Director

From: Brian Crowninshield, Manager
ROW Management BC

Robert D. Johnson RDJ
Division Manager
Department of Transportation

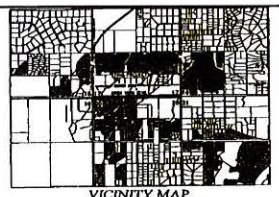
Subject: **Project/Roadway:** **Linda Vista Blvd. and Thornydale Road-Mountain Vista Offsite**
Lots: **Public Roadway Improvements Phases 1 - 3**
Plan Number: **P18SC00038**
Developer/Owner: **Lennar Homes**

A final inspection of the above referenced project was completed on (2/27/2020). The improvements within the highlighted right-of-way (refer to attachment) were found to be satisfactory and in general conformance to the plans and specifications. Staff recommends that the improvements be submitted to the Board of Supervisors for acceptance into the County maintenance system.

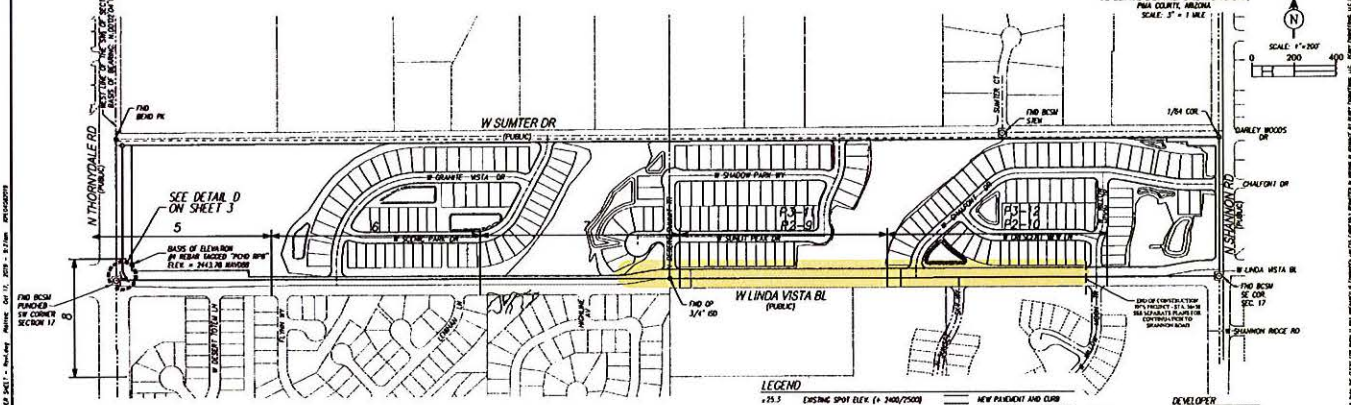
Attachment

PUBLIC ROADWAY IMPROVEMENT PLANS
FOR
W LINDA VISTA BL AND N THORNYDALE RD
PHASES 1 - 3

P18SC00038 Rev #2
Approved 10/17/2019



VICINITY MAP
A PORTION WITHIN SECTION 17 AND SECTION 20, TOWNSHIP 13 SOUTH, RANGE 13 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PIMA COUNTY, ARIZONA
SCALE: 3" = 1 MILE



GENERAL NOTES

1. THE DEVELOPER WILL COVENANT TO HOLD PIMA COUNTY, ITS SUCCESSORS AND ASSIGNS, HARMLESS IN THE EVENT OF FLOODING.
2. TOTAL MILES OF NEW LINDA VISTA BOULEVARD IS 0.48 MILES.
3. BASIS OF BEARING FOR THIS PROJECT: THE WEST LINE OF THE SW¼ OF SECTION 17 AS SHOWN ON THE PLAT MAP RECORDED ON BOOK 39 AT PAGE 58. SAID BEARING BEING: N. 00° 00' 04" W.
4. BASE OF ELEVATION FOR THIS PROJECT, PIMA COUNTY DEPARTMENT OF TRANSPORTATION SURVEY MONUMENT REFERENCE RECORD, AN REBAR TAGGED "PCDO RPM" LOCATED NOW BE ASSUMED AT THE NORTHEAST CORNER OF THORNYDALE ROAD AND LINDA VISTA ROAD. SAID ELEVATION BEING: 2,443.78 (NAVD 88)
5. THE PROFESSIONAL ENGINEER OF RECORD SHALL CERTIFY AS TO THE FORM LINE AND FUNCTION OF ALL DRAINAGE STRUCTURES BEFORE THE RELEASE OF ASSURANCES.
6. THE AREA BETWEEN THE 100-YEAR FLOOD LIMIT REPRESENT AN AREA THAT MAY BE SUBJECT TO FLOODING FROM A 100-YEAR FREQUENCY FLOOD AND ALL LAND IN THIS AREA WILL BE RESTRICTED TO USES THAT ARE COMPATIBLE WITH FLOOD PLAIN MANAGEMENT AS APPROVED BY THE FLOODPLAIN ADMINISTRATOR.
7. MATERIAL WITHIN THE SIGHT VISIBILITY ENVELOPES SHALL BE PLACED SO AS NOT TO INTERFERE WITH SIGHT VISIBILITY PER PIMA COUNTY SUBDIVISION AND DEVELOPMENTS STREET STANDARDS (3.2.4.3).
8. DESIGN SPEED FOR THIS LINDA VISTA IS 35 MPH. THE DESIGN SPEED FOR THORNYDALE IS 40 MPH. THE DESIGN VEHICLE IS WB-65.
9. ALL EXPOSED SLOPES STEEPER THAN 3:1 SHALL USE RIP-RAP. SLOPES 3:1 TO 2:1 SHALL BE HAND PLACED RIPRAP. SLOPES FLATTER THAN 2:1 SHALL BE GROUTED RIPRAP.
10. ANY UTILITIES THAT MAY HAVE TO BE RELOCATED AS A RESULT OF THIS DEVELOPMENT WILL BE RELOCATED AT NO EXPENSE TO PIMA COUNTY OR THE PUBLIC.
11. DRAINAGE SHALL NOT BE ALTERED, DISTURBED OR OBSTRUCTED WITHOUT THE APPROVAL OF THE PIMA COUNTY REGIONAL FLOOD CONTROL DISTRICT.
12. TOTAL REGULATED RIPARIAN HABITAT ON SITE = 11.11 ACRES (IMPORTANT RIPARIAN AREA WITH XERORIPARIAN C)
13. AMOUNT OF REGULATED RIPARIAN HABITAT DISTURBED ON SITE BY THIS PROJECT = 0.19 ACRES.

GENERAL NOTES – CONTINUED

14. THIS PLAT IS SUBJECT TO AN APPROVED RIPARIAN HABITAT MITIGATION PLAN.
15. RIPARIAN HABITAT TO BE PRESERVED SHALL BE FENCED FOR PROTECTION DURING CONSTRUCTION USING MINIMUM 4' HIGH ORANGE MESH BARRICADE FENCING. PROTECTIVE FENCING MUST REMAIN IN PLACE THROUGHOUT THE CONSTRUCTION AND DEVELOPMENT PROCESS.

SURVEYOR'S NOTES

1. THE SURVEY FOR THIS PROJECT WAS PERFORMED BY:
   PRECISION LAND SURVEYING, INC.
   8119 E. 22nd STREET
   TUCSON, ARIZONA 85710
   ATTN: MR. FREDRICK J. STURNIOLO, AZ RLS #12537
   (520) 298-3200
2. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A REGISTERED LAND SURVEYOR TO PROVIDE THE CONSTRUCTION LAYOUT. THE SURVEYOR SHALL VERIFY THE KNOWN BENCHMARK AND COMPARE THE SITE CONDITIONS WITH THE PLANS AND SHALL NOTIFY THE OWNER OF ANY DISCREPANCIES OBSERVED. SHOULD ANY BENCHMARK, GRADE OR DESIGN INDICATED ON THE PLANS BE SUSPECT, THE OWNER SHALL BE NOTIFIED OF SAID BENCHMARK, GRADE OR DESIGN PROBLEM AT LEAST TWENTY-FOUR (24) HOURS BEFORE CONSTRUCTION IS SCHEDULED TO BEGIN IN THE AFFECTED AREA.
3. ALL DIMENSIONS SHOWN ON THIS MAP ARE MEASURED OR A CALCULATED DERIVATIVE THEREOF UNLESS STATED OTHERWISE. (SEE LEGEND)

INDEX TO PLAN SHEETS

EARTHWORKS ESTIMATE

ENGINEER'S ESTIMATED EARTHWORK QUANTITIES

PHASE 1
CUT = 2,300 CY
FILL = 250 CY
PHASE 1 NET = 2,050 (EXPORT)

PHASE 2
CUT = 2,390 CY
FILL = 2,760 CY
PHASE 2 NET = 320 (IMPORT)

PHASE 3
CUT = 430 CY
FILL = 400 CY
PHASE 3 NET = 30 (EXPORT)

TOTAL NET = 290 (IMPORT)

ASSUMPTIONS:
10% SHRINK ON FILL AREAS

EARTHWORK QUANTITIES SHOWN ARE FOR ENGINEER'S ESTIMATE & PERMITTING ONLY. ALL CONTRACTORS SHALL CONDUCT AND BASE THEIR BID ON THEIR OWN EARTHWORK ANALYSIS.

LEGEND

- 95.5 — EXISTING SPOT ELEV. (+ 2400/2500)
- EXISTING WATER VALVE
- EXISTING WATER LINE
- EXISTING FIRE HYDRANT
- EXISTING GAS LINE
- EXISTING SEWER LINE
- EXISTING SEWER MANHOLE
- EXISTING UNDERGROUND ELECTRIC
- EXISTING POWER POLE
- EXISTING OVERHEAD ELECTRIC
- EXISTING PAVEMENT
- GUTTER
- EXISTING BOUNDARY LINE
- NEW RIGHT OF WAY
- NEW LOT LINE
- EXISTING 100 YR FLOOD LIMITS
- EXISTING EROSION HAZARD SETBACK
- EXISTING CONTOUR
- PROPOSED CONTOUR
- RIPARIAN HABITAT LIMITS
- NEW PAVEMENT AND CURB
- NEW PAVEMENT (LINDA VISTA)
- NEW CONC. SURFACES
- NEW GROUTED RIPRAP
- NEW HANDPLACED RIPRAP
- JURISDICTIONAL IRA BUSH
- 8" W — NEW WATER LINE
- 8" S — NEW SEWER LINE
- 1" SINGLE WATER SERVICE & METER
- D.F. — DRAINAGE FLOW DIRECTION
- NEW SEWER MANHOLE
- 23.8 — SPOT ELEVATION (+ 2400/2500)
- HP — PAVEMENT HIGH POINT LOCATION
- LP — PAVEMENT LOW POINT LOCATION

SURVEY LEGEND

- (C) CALCULATED DIMENSION
- (M) MEASURED DIMENSION PER THIS SURVEY.
- (R) RECORD DIMENSION PER MAPS & PLATS BOOK 27 PAGE 74.
- FND BRASS CAP SURVEY MONUMENT (BCSM)
- SET 1/2" IRON PIN, TAGGED "RLS 12537".
- FOUND AS NOTED.
- NEW SURVEY MONUMENT
- NEW LOT CORNER (TO BE SET BY RLS)

ADMINISTRATIVE ADDRESS

3820 W. LINDA VISTA BLVD.
TUCSON, ARIZONA 85742

PIMA COUNTY REFERENCE	PLAN NUMBERS
P07SD00006	
P18TP00007	
P18SC00038	
P18SC00039	
P18SC00040	
P18SC00041	
G-2018-081	

DEVELOPER

LENNAR ARIZONA, INC.
3275 W. INA ROAD, SUITE 275
TUCSON, AZ 85741
CONTACT: KEVIN TARBOX
EMAIL: KEVIN.TARBOX@LENNAR.COM
PHONE: 520-747-0997

OWNER

THE WONG FAMILY LIMITED PARTNERSHIP
5873 E. SPEEDWAY BOULEVARD
TUCSON, AZ 85712

ENGINEER

PERRY ENGINEERING, LLC
505 WEST NETMORE ROAD
TUCSON, AZ 85705
CONTACT: KEN PERRY, P.E.
EMAIL: KPERRY@PERRYENGINEERING.NET
PHONE: 520-620-9870

SHEET INDEX

SHEET 1: COVER SHEET
SHEET 2: CONSTRUCTION PHASING PLAN
SHEET 3: GENERAL NOTES AND SECTIONS
SHEET 4: SURVEY AND HORIZONTAL CONTROL
SHEET 5-8: PLAN AND PROFILES – PHASE 1
SHEET 9-10: PLAN AND PROFILES – PHASE 2
SHEET 11-12: PLAN AND PROFILES – PHASE 3
SHEET 13: RCP PIPE CULVERT DETAILS – PHASE 3
SHEET 14-15: PAVEMENT MARKING PLANS – PHASE 1
SHEET 16: PAVEMENT MARKING PLANS – PHASE 2
SHEET 17: PAVEMENT MARKING PLANS – PHASE 3
SHEET 18: PAVEMENT MARKING DETAILS
SHEET 19-20: STREET SIGNING PLANS – PHASE 1
SHEET 21: STREET SIGNING PLANS – PHASE 2
SHEET 22: STREET SIGNING PLANS – PHASE 3
SHEET 23: STREET SIGNING DETAILS
SHEET 24-25: STORM WATER POLLUTION PREVENTION – PH. 1 – FOR REFERENCE
SHEET 26: STORM WATER POLLUTION PREVENTION – PHASE 2 – FOR REFERENCE
SHEET 27: STORM WATER POLLUTION PREVENTION – PHASE 3 – FOR REFERENCE
SHEET 28: STORM WATER POLLUTION PREVENTION DETAILS – FOR REFERENCE
SHEET 29-30: CONSTRUCTION DETAILS

PC # P18SC00038

PIMA COUNTY
PLAN NUMBERS
P18SC00038
P18SC00039
P18SC00040
P18SC00041
P18SC00042
G-2018-081

ADMINISTRATIVE ADDRESS:
3820 W. LINDA VISTA BL
TUCSON, AZ 85742

COVER SHEET

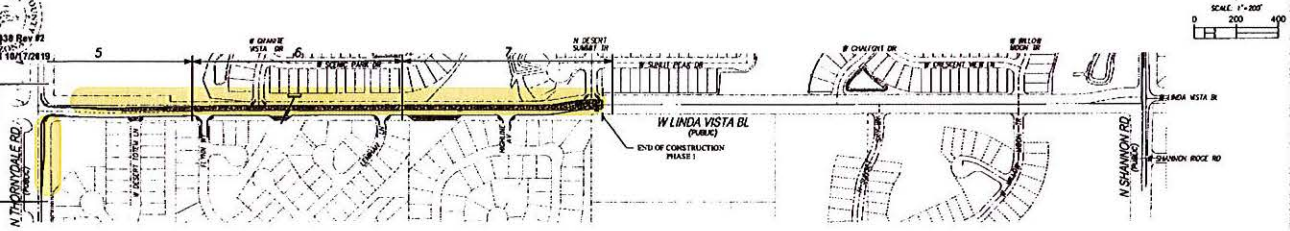
PROJECT TITLE: PUBLIC ROADWAY IMPROVEMENT PLANS
W. LINDA VISTA BL AND N. THORNYDALE RD

PERRY ENGINEERING
505 WEST NETMORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9870

Expires: 6/30/20

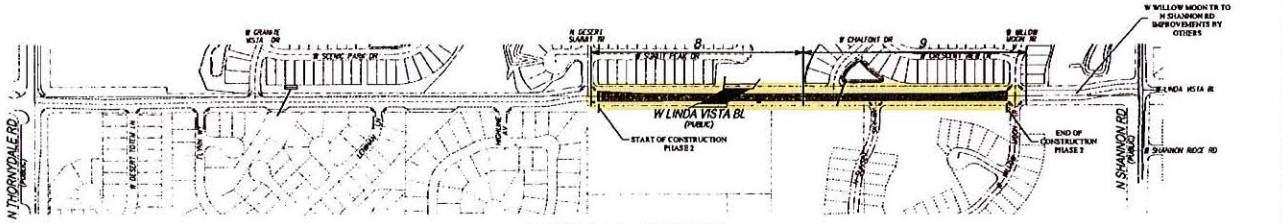
DESIGN BY:	DB
DRAWN BY:	DB
CHK'D BY:	KP
DATE:	10-05-2018
SCALE:	Hor 1"=200'
DRAWING NO.	1 of 30

P18SC00038 Rev #2
Approved 10/17/2019



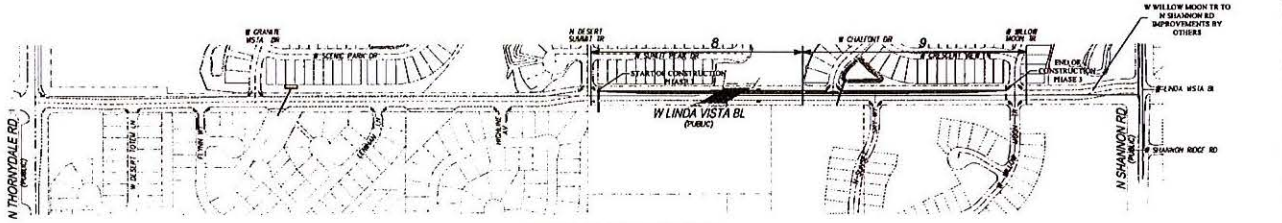
PHASE 1 CONSTRUCTION

THORNYDALE ROAD EAST TO N DESERT SUMMIT TRAIL, BOTH NORTH AND SOUTH SIDES OF LINDA VISTA BOULEVARD, PLUS RIGHT TURN LANE ON THORNYDALE ROAD



PHASE 2 CONSTRUCTION

N DESERT SUMMIT TRAIL EAST TO W WILLOW MOON TRAIL, SOUTH SIDE OF LINDA VISTA BOULEVARD, PLUS CULVERT CROSSINGS AT STATIONS 42+98.00 AND 48+53.00



PHASE 3 CONSTRUCTION

N DESERT SUMMIT TRAIL EAST TO W WILLOW MOON TRAIL, NORTH SIDE OF LINDA VISTA BOULEVARD

SCALE: 1" = 200'

REVISIONS	
NO.	DATE

SANCTUARY AT THE SITE ADDRESS:
NW CORNER OF N THORNYDALE & N SHANNON RD
TUCSON, AZ 85742

PIMA COUNTY
PROJECT NUMBER
PLAN NUMBERS
P18SC00038
P18SC00044
P18SC00045
P18TP00037
P18SC00018
C-2018-001

CONSTRUCTION PHASING PLAN

PHASE 2 & 3 ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

PERRY ENGINEERING
505 WEST NEBONE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9870

Registered Professional Engineer (Civil)
CERTIFICATE NO. 36304
ARIZONA
Not valid if plot date is blank or past expiration date

KENNETH E. PERRY
36304
ARIZONA
CIVIL ENGINEER
Expires: 6/30/20

DESIGN BY:	DG
DRAWN BY:	DG
CHK'D BY:	KP
DATE:	10-05-2018
SCALE:	Hor. 1" = 200'
Sheet No.	2 of 30

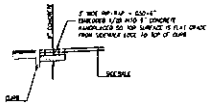
PIMA COUNTY DEVELOPMENT SERVICES
P18SC00038 Rev #2
Approved 10/17/2019

GENERAL NOTES

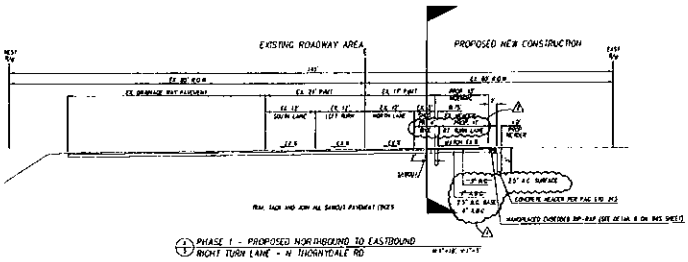
1. ALL WORK SHALL BE IN CONFORMANCE WITH THE STANDARD SPECIFICATIONS AND DETAILS
2. ELEVATIONS SHOWN ON THE PLANS WERE COMPILED BASED ON THE BEST INFORMATION AVAILABLE TO THE ENGINEER, ELEVATIONS ARE NOT INTENDED TO BE EXACT OR COMPLETE. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "BLUE STAKE" AT 1-800-782-5348 (WITHIN 48 WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION (SATURDAYS AND SUNDAYS ARE NOT CONSIDERED WORKING DAYS)

P18SC00038 Rev #2
Approved 10/17/2019

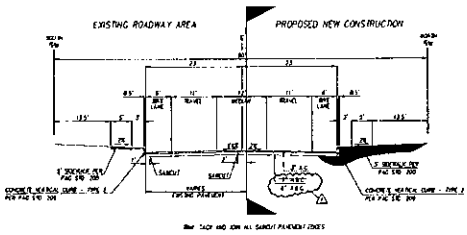
3. RIGHT-OF-WAY ENCROACHMENTS SHALL BE REMOVED ONLY BY ORDER OF PIMA COUNTY, UNLESS OTHERWISE NOTED
4. REMOVAL OF ALL CACTI AND native PLANTS SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE "ARIZONA native PLANT LAW" A.R.S., CHAPTER 7.
5. SOILS INFORMATION WILL BE MADE AVAILABLE TO PROSPECTIVE BIDDERS IN THE GEOTECHNICAL REPORT. SOILS INFORMATION SO PROVIDED SHALL BE FOR INFORMATION PURPOSES ONLY. THIS INFORMATION WAS DEVELOPED AS ACCURATELY AS POSSIBLE BY THE METHODS USED. PIMA COUNTY ACCEPTS NO RESPONSIBILITY FOR ANY CONDITIONS ENCOUNTERED WHICH VARY FROM THE INFORMATION PROVIDED
6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS, ALLEYS, AND MAILBOXES DURING CONSTRUCTION. THE CONTRACTOR WILL NOT RESTRICT EMERGENCY VEHICLES, U.S. POSTAL DELIVERY, SOLID WASTE COLLECTIONS, AND/OR ACCESS TO THE ADJACENT PROPERTIES, EXCEPT AS APPROVED BY THE ENGINEER
7. OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE DRAWINGS, NOTES, OR DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND RESOLVED BEFORE PROCEEDING WITH THE WORK
8. ALL STATIONING SHOWN ON THE PLANS AND PROFILES IS ALONG THE CONSTRUCTION CENTERLINE UNLESS OTHERWISE NOTED
9. EXISTING UTILITIES INCLUDE, BUT MAY NOT BE LIMITED TO, OVERHEAD AND UNDERGROUND ELECTRIC, TELEPHONE, TELEVISION, SEWER, GAS AND WATER, AND SHALL BE MOVED BY OWNERS UNLESS OTHERWISE NOTED AND SHOWN IN THESE PLANS
10. THE CONTRACTOR'S ATTENTION IS CALLED TO THE LIMITED AREA AVAILABLE ON THE SITE FOR EXCAVATION, EMBANKMENT AND OTHER CONSTRUCTION ACTIVITIES
11. EXISTING TOPOGRAPHIC CONDITIONS SHOWN ON PLAN SHEETS REFLECT CONDITIONS AS OF DECEMBER 28, 2017



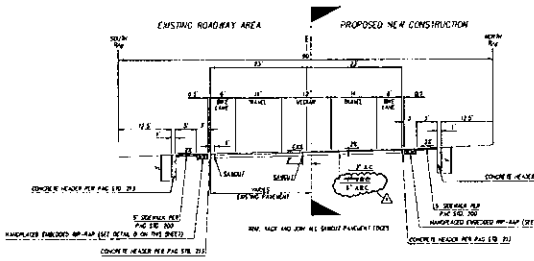
HANDPLACED EMBEDDED RIP-RAP DETAIL
NTS



PHASE 1 - PROPOSED NORTHBOUND TO EASTBOUND RIGHT TURN LANE - N THORNYDALE RD
NTS



PHASE 1 - 90' PROPOSED R.O.W. - WEST SECTION
W LINDA VISTA BL STA 18+20 - STA 35+65
NTS

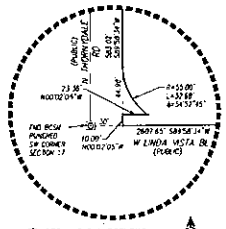


PHASE 1 - 90' PROPOSED R.O.W. - WEST SECTION
W LINDA VISTA BL STA 18+25 - STA 18+20
~~W LINDA VISTA BL STA 35+20 - STA 35+65~~
NTS

SEE SHEET 30 FOR PHASE 2 AND 3 SECTIONS

ABBREVIATIONS NOT INCLUDED IN PC/COT STD. DTL. 101

Aluminum Cap on Pipe	ACP
Abandoned	Aband
Asphalt Rubber Asphaltic Concrete	ARAC
Correction	Corr
Decomposed Granite	DG
Detail	Dtl
Drainage Easement	DE
Edge Of Pavement	EP
General Land Office	GLO
Intelligent Traffic System	ITS
Median	Med.
Point of Compound Curve	PCC
Point Of End	POE
Raised Pavement Marker	RPM
Shoulder	Shld
Standard	Std
Stopping Sight Distance	SSD
Temporary Construction Easement	TCE
Vertical Curve	VC



DETAIL 'D' ENLARGEMENT
SCALE 1"=40'

ARCHITECT/ENGINEER
PERRY ENGINEERING
535 WEST NETWORK
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-5010

Expires 9/30/20

DESIGN BY	DB
DRAWN BY	DB
CHECKED BY	KP
DATE	10-01-2018
SCALE	AS SHOWN

PROJECT NO	P18SC00038
PROJECT NO	P18SC00039
PROJECT NO	P18SC00044
PROJECT NO	P18TR0002
PROJECT NO	P18TR0003
PROJECT NO	P18SC00015
PROJECT NO	G-2018-011

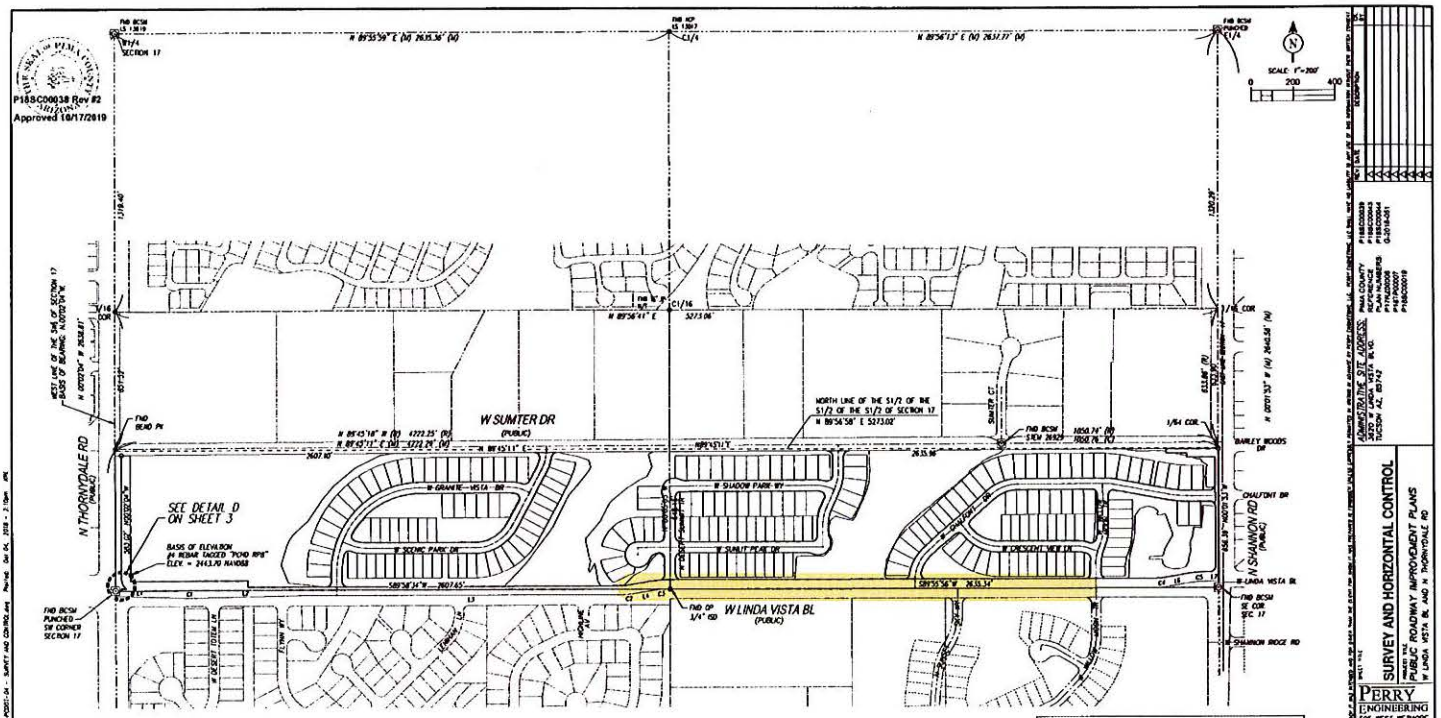
PIMA COUNTY
DEPARTMENT OF
PLAN HUMPHRIES
STREET
TUCSON, ARIZONA

ADMINISTRATIVE SITE ADDRESS:
6270 N. THORNYDALE RD
TUCSON, AZ 85742

GENERAL NOTES AND CROSS SECTIONS

PROJECT:
PHASE 1 ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

IFC # P18SC00038



LINDA VISTA CENTERLINE DATA TABLE						
CURVE TABLE				LINE TABLE		
CURVE #	LENGTH	RADIUS	DELTA	LINE #	LENGTH	BEARING
C1	213.63'	477.00'	25°07'15"	L1	338.72'	S88° 19' 48"E
C2	86.89'	520.00'	9°34'28"	L2	516.16'	N88° 49' 55"E
C3	87.40'	520.00'	9°37'47"	L3	1513.32'	N89° 59' 45"E
C4	86.32'	520.00'	9°30'39"	L4	74.63'	N80° 25' 17"E
C5	86.32'	520.00'	9°30'39"	L5	2396.51'	N89° 55' 56"E
				L6	95.05'	N80° 25' 17"E
				L7	53.77'	N89° 55' 56"E
				L8	175.64'	N89° 59' 45"E
				L9	1337.68'	N89° 59' 45"E
				L10	1167.06'	N89° 55' 56"E
				L11	875.42'	N89° 55' 56"E
				L12	274.04'	N89° 55' 56"E

PC # P18SC00038

ADMINISTRATIVE SITE ADDRESS:
7000 S. TUCSON BLVD. STE. 16
TUCSON, AZ. 85742

PIMA COUNTY
TAX PARCEL NUMBERS
PLAN NUMBERS
P18SC00038
P18SC00039
P18SC00040
P18SC00044
G-2018-081
P19RS00008
P19RS00009
P18SC00019

REVISIONS		
NO.	DATE	DESCRIPTION

SURVEY AND HORIZONTAL CONTROL

PROJECT TITLE
PROJECT ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

PERRY ENGINEERING
505 WEST NEBHORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9070

Expires 9/30/20

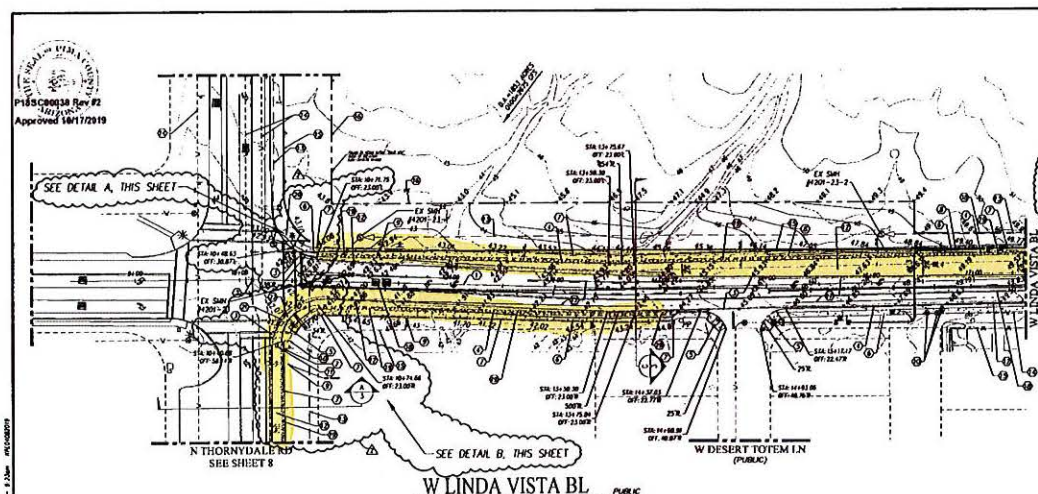
DESIGN BY: GB
DRAWN BY: GB
CHK'D BY: KP
DATE: 10-05-2018
SCALE: Hor. 1"=200'

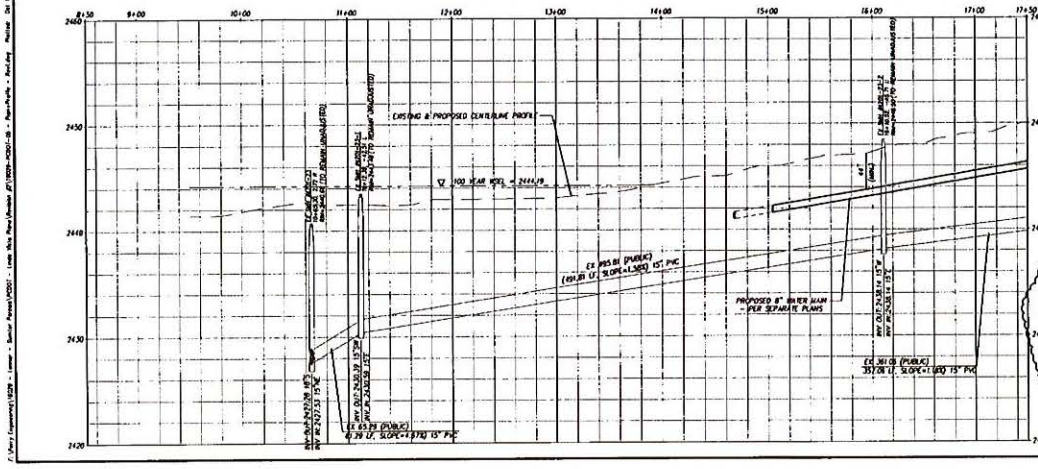
DRAWING NO.
4 of 30

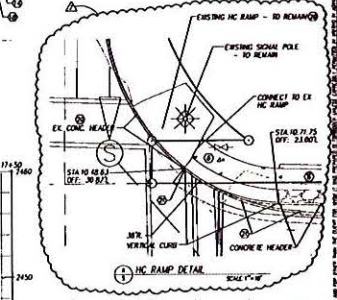
P18SC00038 Rev #2
Approved 10/17/2019

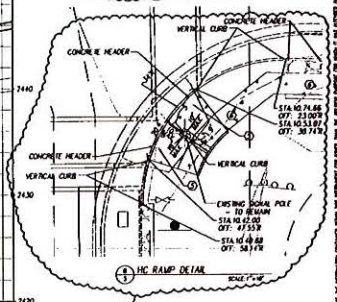
KEYNOTES

1. PROPOSED CENTERLINE OF PAVEMENT
2. NEW SURVEY MONUMENT PER PAG STD. 103
3. SAWCUT AND REMOVE EX. PAVEMENT - FULL DEPTH
4. NEW CONC. MONOLITHIC CURB, TYPE 2 PER PAG STD. 200
5. NEW CURB ACCESS RAMP PER PAG STD. 207, SEE DETAIL B, THIS SHEET
6. NEW 5' CONCRETE SIDEWALK PER PAG STD. 200
7. NEW CONCRETE HEADER PER PAG STD. 213
8. REMOVE EXISTING GRADE STRUCTURE
9. RELOCATE EX. SIGN - SEE SIGNING PLANS
10. ADJUST EXISTING WATER STRUCTURE
11. RELOCATE EXISTING UTILITY JUNCTION BOX
12. PROPOSED PAVEMENT WIDENING, BRIDGE TACK AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT
13. EXISTING SANITARY SEWER
14. EXISTING WATER MAIN
15. EXISTING RIGHT-OF-WAY LINE
16. PROPOSED RIGHT-OF-WAY LINE
17. PROPOSED PAVEMENT MARKINGS - SEE PAVEMENT MARKING PLANS
18. EXISTING PAVEMENT MARKINGS TO BE REMOVED
19. GROUTED RIP-RAP (D50=6", CUBEDGED 1/2) WITH 6" CONCRETE
20. EXISTING HC RAMP/SIDEWALK LANDING - TO REMAIN
21. EXISTING CONCRETE HEADER - TO BE REMOVED
22. EXISTING HC RAMP/SIDEWALK LANDING - TO BE REMOVED









PHASE 1 - W LINDA VISTA BL
PLAN AND PROFILE STA. 84+50 - 17+50

PERRY ENGINEERING
505 WEST BEMORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9870

PHASE IV
PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND W THORNYDALE RD

PIMA COUNTY
PROJECT NO.
PLAN NUMBERS:
P18SC00038
P18SC00041
P18SC00042
P18SC00043
P18TR00007
P18TR00018
P18SC00019

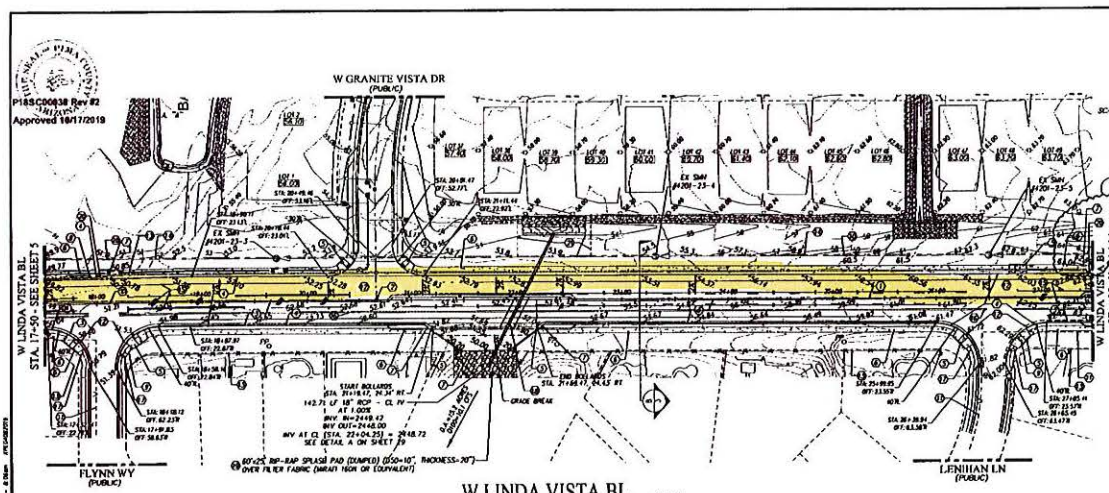
Expires 6/30/20

DESIGN BY:	DB
DRAWN BY:	DB
CHK'D BY:	KP
DATE:	10-05-2018
SCALE:	Hor. 1"=10' Ver. 1"=5'

5 of 30

PC # P18SC00038

P18SC00038 Rev #2
Approved 10/17/2019



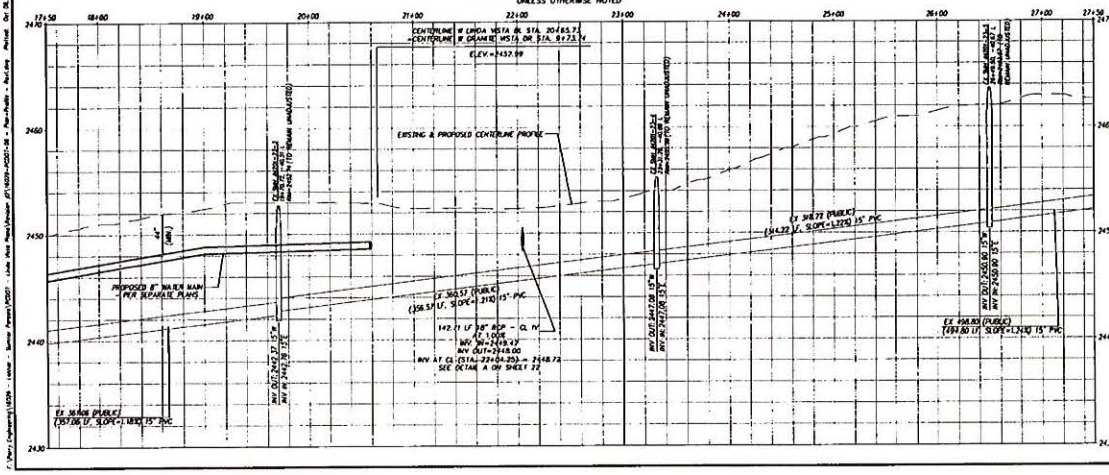
KEYNOTES

1. PROPOSED CENTERLINE OF PAVEMENT
2. NEW SURVEY MONUMENT PER PAG STD. 103
3. SAWCUT AND REMOVE EX. PAVEMENT - FULL DEPTH
4. NEW CONC. VERTICAL CURB, TYPE 2 PER PAG STD. 209
5. NEW CURB ACCESS RAMP PER PAG STD. 207
6. NEW 5' CONCRETE SIDEWALK PER PAG STD. 200
7. NEW CONCRETE HEADER PER PAG STD. 213
8. REMOVE EXISTING GRADE STRUCTURE
9. RELOCATE EX. SIGN - SEE SIGNING PLANS
10. EXISTING SANITARY SEWER
11. EXISTING WATER MAIN
12. PROPOSED PAVEMENT MATCHING, MILL, TACK AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT
13. EXISTING RIGHT-OF-WAY LINE
14. PROPOSED RIGHT-OF-WAY LINE
15. PROPOSED PAVEMENT MARKINGS - SEE PAVEMENT MARKING PLANS
16. EXISTING PAVEMENT MARKINGS TO BE REMOVED
17. CONC. SIDEWALK NEW TO EX. PER PAG STD. 203
18. POST BARRICADE PER PAG STD. 108 AT 5' CENTERS
19. RIP-RAP (DUMPED) (D50=10", THICKNESS=20") OVER FILTER FABRIC (MIRAFI 160N OR EQUIVALENT)
20. GROUTED RIP-RAP (D50=4", EMBEDDED 1/20 INTO 8" CONCRETE)
21. MAINTENANCE AND ACCESS EASEMENT TO PIMA COUNTY, PER FINAL PLAT

W LINDA VISTA BL

PUBLIC

ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED



PC # P18SC00038

PIMA COUNTY TAX PARCEL NUMBERS:	P18SC00038 P18SC00039 P18SC00040 P18SC00041 P18SC00042 P18TR00037 P18TR00038 P18SC00019 D-2018-0051
OWNER/DEVELOPER:	PIMA COUNTY 201 N. STONE AVE. TUCSON, AZ 85701
ADMINISTRATIVE SITE ADDRESS:	7000 W. LINDA VISTA BLVD. TUCSON, AZ 85743

REV.	DATE	BY	DESCRIPTION
1	10/17/19	DB	PER PCD, DSR, TRANS, AND ADOT
2			
3			
4			
5			
6			
7			
8			

PHASE 1 - W LINDA VISTA BL PLAN AND PROFILE STA. 17+50 - 27+50

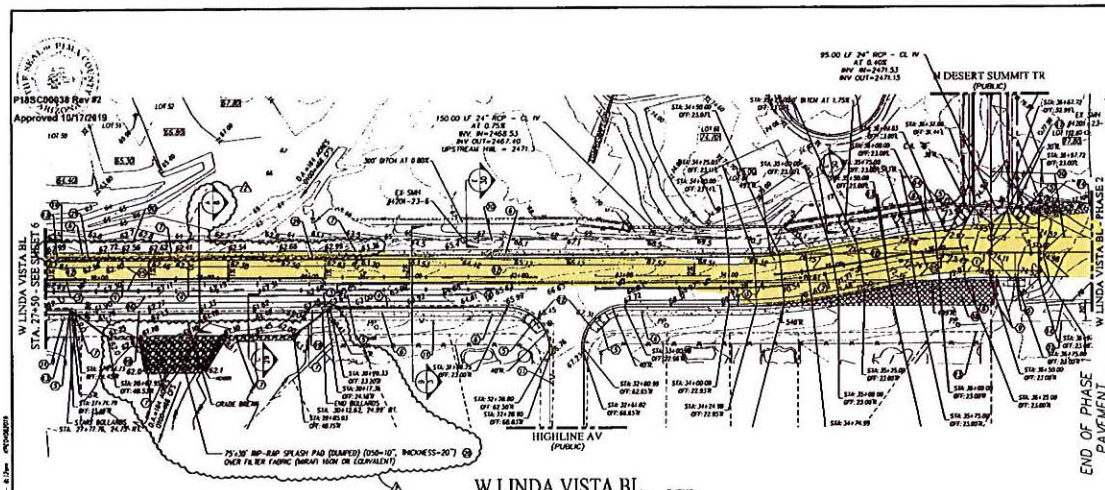
PHASE 1 TAC
PIMA COUNTY ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND W THORNYDALE RD

PERRY ENGINEERING
505 WEST NEBORE
RICSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-670-9870

Expires: 9/30/20

DESIGN BY:	DB
DRAWN BY:	DB
CHK'D BY:	KP
DATE:	10-05-2018
SCALE:	Hor. 1"=40' Ver. 1"=4'
DRAWING NO:	

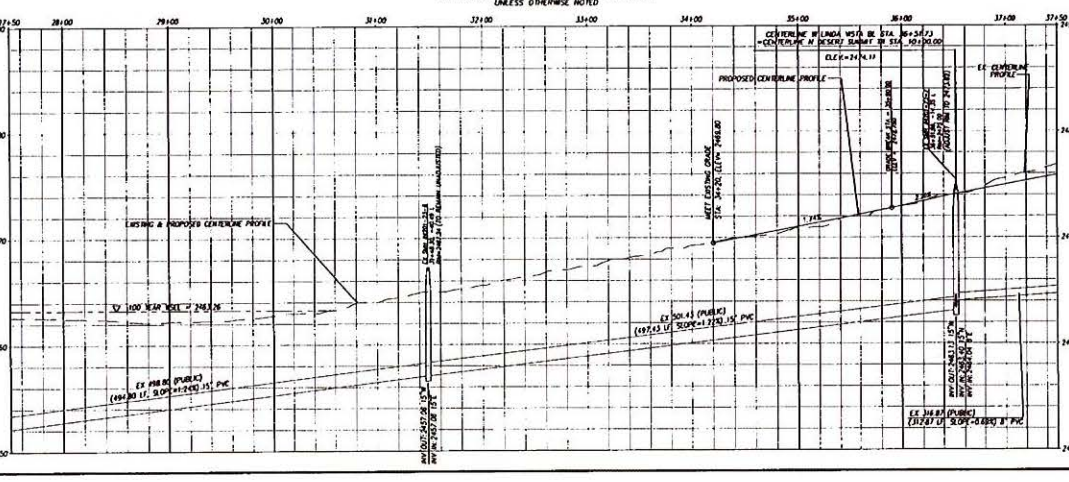
P18SC00038 Rev #2
Approved 10/17/2019



KEYNOTES

1. PROPOSED CENTERLINE OF PAVEMENT
2. NEW SURVEY MONUMENT PER PAG STD. 103
3. SAWCUT AND REMOVE EX. PAVEMENT - FULL DEPTH
4. NEW CONC. VERTICAL CURB, TYPE 2 PER PAG STD. 209
5. NEW CURB ACCESS RAMP PER PAG STD. 207
6. NEW 5' CONCRETE SIDEWALK PER PAG STD. 200
7. NEW CONCRETE HEADER PER PAG STD. 213
8. PROPOSED NEW PAVEMENT SECTION. SEE DETAIL A ON SHEET 3
9. REMOVE EX. SIGN/BARRICADE - SEE SIGNING PLANS
10. EXISTING SANITARY SEWER
11. EXISTING WATER MAIN
12. PROPOSED PAVEMENT WIDENING, BRM, TACK AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT
13. EXISTING RIGHT-OF-WAY LINE
14. PROPOSED RIGHT-OF-WAY LINE
15. PROPOSED PAVEMENT MARKINGS - SEE PAVEMENT MARKING PLANS
16. EXISTING PAVEMENT MARKINGS TO BE REMOVED
17. ADJUST EXISTING SANITARY MANHOLE RIM - SEE SANITARY MANHOLE TABLE, INS SHEET
18. REMOVE EXISTING PAVEMENT (FULL DEPTH)
19. POST BARRICADE PER PAG STD. 106 AT 5' CENTERS
20. RIP-RAP (DUMPED) (D50=18", THICKNESS=20") OVER FILTER FABRIC (MRAP) 160N OR EQUIVALENT)
21. GROUTED RIP-RAP (D50=6", EMBEDDED 1/70 INTO 9" CONCRETE)
22. TEMPORARY CONSTRUCTION EASEMENT

EXISTING SWIG, RIM & INVERT ELEVATIONS	
SWIG	RIM & INVERTS
EX SMH (#1701-13-7)	RIM = 2475.00 (ADJUST TO 2473.82) INV IN = 2464.04 E INV IN = 2463.10 W INV OUT = 2463.13 W
EXISTING SANITARY MANHOLE RIM TO BE ADJUSTED, FRAME AND COVER PER S.D. RWSD 205 WITH CONCRETE COLLAR PER S.D. RWSD 211	



PC # P18SC00038

PHASE 1 - W LINDA VISTA BL
PLAN AND PROFILE STA. 27+50 - 37+50

PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

PERRY ENGINEERING
503 WEST MONROE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9870

Expires: 9/30/20

DESIGN BY:	DB
DRAWN BY:	DB
CHK'D BY:	KP
DATE:	10-03-2018
SCALE:	Hor. 1"=10' Ver. 1"=5'

DRAWING NO.

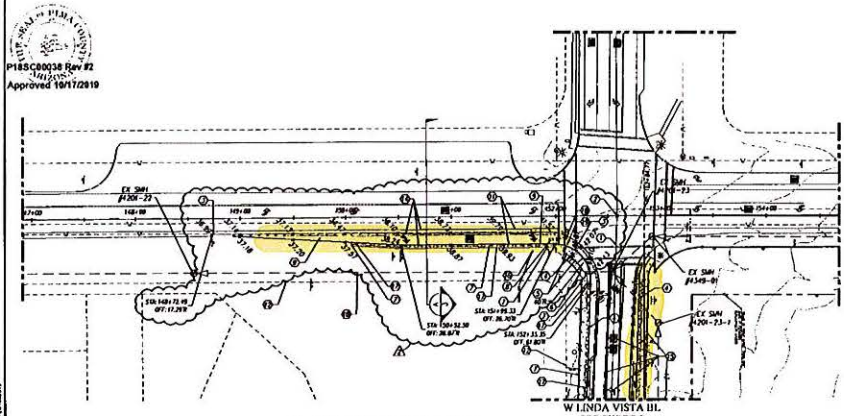
7 of 30

ADMINISTRATIVE SITE ADDRESS:
3625 W LINDA VISTA BL
TUCSON, AZ 85741

PIMA COUNTY
PROJECT NUMBERS:
PLAN NUMBERS:
P18SC00038
P18SC00039
P17RZ00008
P17RZ00009
P18SC00018
P18SC00019

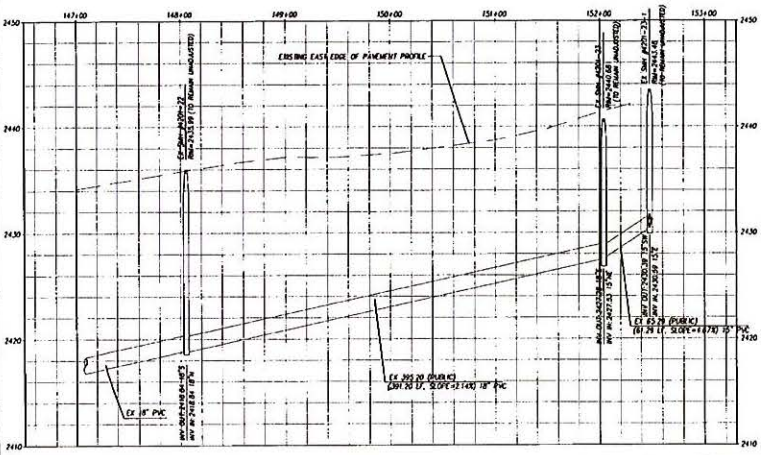
REV.	DATE	DESCRIPTION
1	10-03-18	ISSUED FOR REVIEW
2	10-17-19	ISSUED FOR APPROVAL

P18SC00038 Rev #2
10/17/2019
Approved 10/17/2019



N THORNYDALE RD PUBLIC

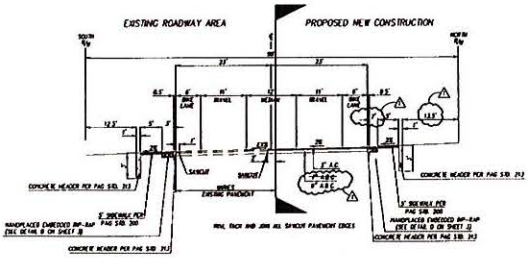
ALL STATIONING IS ALONG THE RIGHT-OF-WAY CENTERLINE UNLESS OTHERWISE NOTED



SCALE IN 1"=10'
V1"=5'

KEYNOTES

1. PROPOSED CENTERLINE OF PAVEMENT
2. NEW SURVEY MONUMENT PER PAG STD. 103.
3. SAWCUT AND REMOVE EX. PAVEMENT - FULL DEPTH
4. NEW CONC. VERTICAL CURB, TYPE 2 PER PAG STD.209
5. NEW CURB ACCESS RAMP PER PAG STD. 207
6. NEW 5' CONCRETE SIDEWALK PER PAG STD. 200.
7. NEW CONCRETE HEADER PER PAG STD. 213.
8. RELOCATE EXISTING UTILITY JUNCTION BOX
9. PROPOSED PAVEMENT WIDENING, SEAL, TACK AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT
10. EXISTING SANITARY SEWER
11. EXISTING WATER MAIN
12. EXISTING RIGHT-OF-WAY LINE
13. PROPOSED RIGHT-OF-WAY LINE
14. PROPOSED PAVEMENT MARKINGS - SEE PAVEMENT MARKING PLANS
15. EXISTING PAVEMENT MARKINGS TO BE REMOVED
16. RELOCATE EX. SIGN - SEE SIGNING PLANS
17. GROUTED RIP-RAP (D50=6", EMBEDDED 1/3) (REQUIRE CONCRETE)
18. EXISTING CONCRETE HEADER - TO BE REMOVED
19. EXISTING HC RAMP/SIDEWALK LANDING - TO BE REMOVED



PHASE I - 90' PROPOSED R.O.W. - WEST SECTION
W LINDA VISTA BL STA. 27+40 - STA. 30+50

PC # P18SC00038

PIMA COUNTY
DEPARTMENT OF TRANSPORTATION
PLAN NUMBERS:
P18SC00034
P18SC00035
P18SC00036
P18SC00037
P18SC00038
P18SC00039

ALANN/TRAFFIC SIT. ADDESS:
1010 W. ORANGE GROVE RD.
TUCSON, AZ. 85742

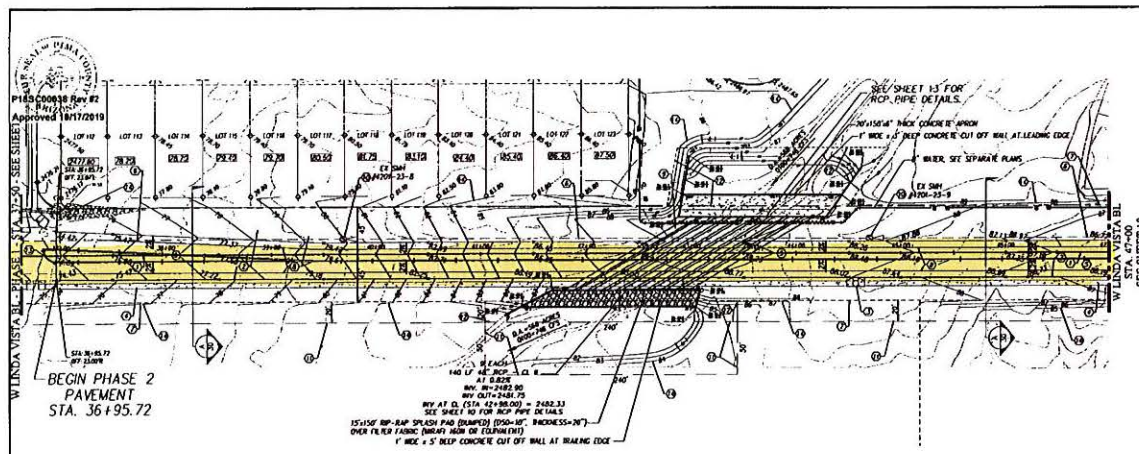
N THORNYDALE RD PLAN AND PROFILE STA. 148+50 - 152+50

PUBLIC IMPROVEMENT PLANS
PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

PERRY ENGINEERING
505 WEST NEWMORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9870

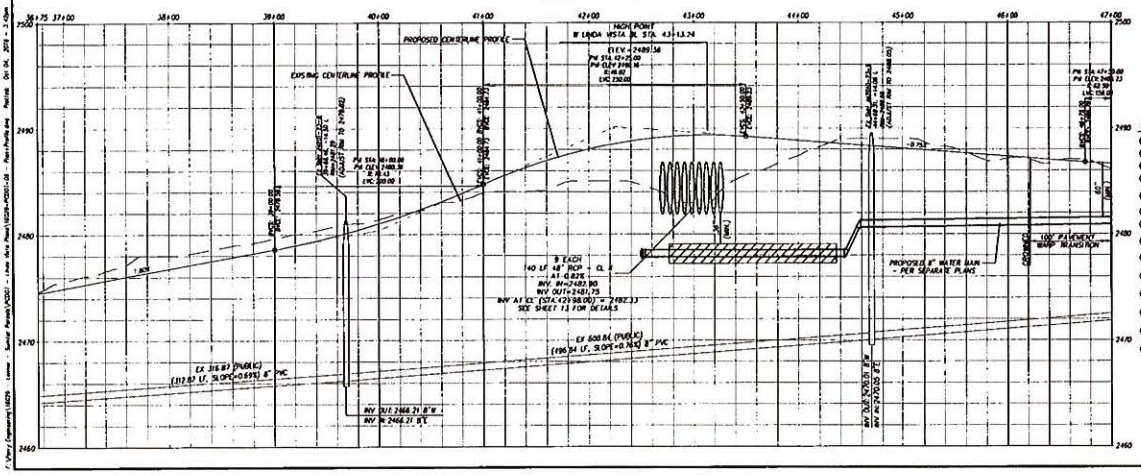
Expires 6/30/20

DESIGN BY: DB
DRAWN BY: DB
CHKD BY: JP
DATE: 10-05-2018
SCALE: Hor. 1"=10' Ver. 1"=5'
DRAWING NO.



W LINDA VISTA BL PUBLIC

ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED



EXISTING SANITARY SEWER & INVERT ELEVATIONS	
Sanitary	Rim & Inverts
EX Sanit MH 201-23-8	Rim = 2481.79 (ADJUST TO 2479.82) INV IN = 2466.43 W INV IN = 2469.31 E INV OUT = 2468.21 W
EXISTING SANITARY MANHOLE RIM TO BE ADJUSTED, FRAME AND COVER PER S.D. RWRD 205 WITH CONCRETE COLLAR PER S.D. RWRD 211	
EX Sanit MH 201-23-9	Rim = 2489.56 (ADJUST TO 2488.05) INV IN = 2470.06 N INV IN = 2470.05 E INV OUT = 2470.01 W
EXISTING SANITARY MANHOLE RIM TO BE ADJUSTED, FRAME AND COVER PER S.D. RWRD 205 WITH CONCRETE COLLAR PER S.D. RWRD 211	

KEYNOTES

1. PROPOSED CENTERLINE OF PAVEMENT
2. NEW CONC. VERTICAL CURB, TYPE 2 PER PAG STD. 209
3. NEW CURB ACCESS RAMP PER PAG STD. 207
4. NEW 5' CONCRETE SIDEWALK PER PAG STD. 200
5. PROPOSED NEW PAVEMENT SECTION. SEE DETAIL A ON SHEET 3
6. EXISTING SANITARY SEWER
7. PROPOSED RIGHT-OF-WAY LINE
8. PROPOSED PAVEMENT MARKINGS - SEE PAVEMENT MARKING PLANS
9. PROPOSED 8x48" RCP CULVERTS - SEE SHEET 13
10. ADJUST EXISTING SANITARY MANHOLE RIM SANITARY MANHOLE TABLE, BMS SHEET
11. TEMPORARY CONSTRUCTION EASEMENT
12. MAINTENANCE AND ACCESS EASEMENT PIMA COUNTY, PER FINAL PLAT
13. SAWCUT 2' EXISTING PAVEMENT, TACK AND JOIN TO EX PAVEMENT EDGE, MEET EX. ELEVATIONS
14. PROPOSED CONTOURS FOR PHASE 2 GRADING

SUBMITTALS: SITE ADDRESS
7000 W. LINDA VISTA AVE.
TUCSON AZ, 85743

PIMA COUNTY
PROJECT NO. P18SC00038
PLAN NUMBERS P18SC00034
DEVELOPER 0620186051
PIMA COUNTY P18PR00007
P18SC00019

PHASE 2 - W LINDA VISTA BL PLAN AND PROFILE STA. 37+50 - 47+00

PHASE IV ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND W THORNYDALE RD

PERRY ENGINEERING
505 WEST MENDORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9870

Expires: 6/30/20

DESIGN BY: DB
DRAWN BY: DB
CHK'D BY: KP
DATE: 10-05-2018
SCALE: Hor. 1"=10' Ver. 1"=4'
DRAWING NO.

P18SC00038 Rev #2
Approved 10/17/2019

W CHALFONT DR (PUBLIC)

BASIN 7 IS NOT PART OF PHASE 2 CONSTRUCTION

BASIN 7

W WILLOW MOON TR (PUBLIC)

W LINDA VISTA BL STA. 47+00 - SEE SHEET 9

W LINDA VISTA BL STA. 57+50

N SUNSET SKY WY (PUBLIC)

W WILLOW MOON TR (PUBLIC)

SCALE 1"=40' 11"=4'

EXISTING SWHJ, RIM & INVERT ELEVATIONS	
SWHJ	RIM & INVERTS
EX SWH (#201-23-10)	RIM = 2489.70 (ADJUST TO 2489.55) INV IN = 2476.16 N INV OUT = 2473.96 W
EXISTING SANITARY MANHOLE RIM TO BE ADJUSTED, FRAME AND COVER PER S.D. RWRD 205 WITH CONCRETE COLLAR PER S.D. RWRD 211	

END OF CONSTRUCTION THIS PROJECT - STA. 56+50 SEE SEPARATE PLANS FOR CONTINUATION TO SHANNON RD.

START BOLLARDS STA. 47+16.38, 24.00' RT.
END BOLLARDS STA. 47+28.38, 24.00' RT.

2 x 125.52 LF 24" RCP - CL IV AT 1.00%
INV. IN=2485.26
INV OUT=2484.00
INV AT CL (STA. 48+53.00) = 2484.47
SEE DETAIL B ON SHEET 29
ENTIRE SET OF CULVERTS AND STRUCTURE TO BE BUILT IN PHASE 2

16'x16' RIP-RAP SPLASH PAD (DUMPED) (050+10", THICKNESS=20") OVER FILTER FABRIC (WRAP) 160N OR (EQUIVALENT)

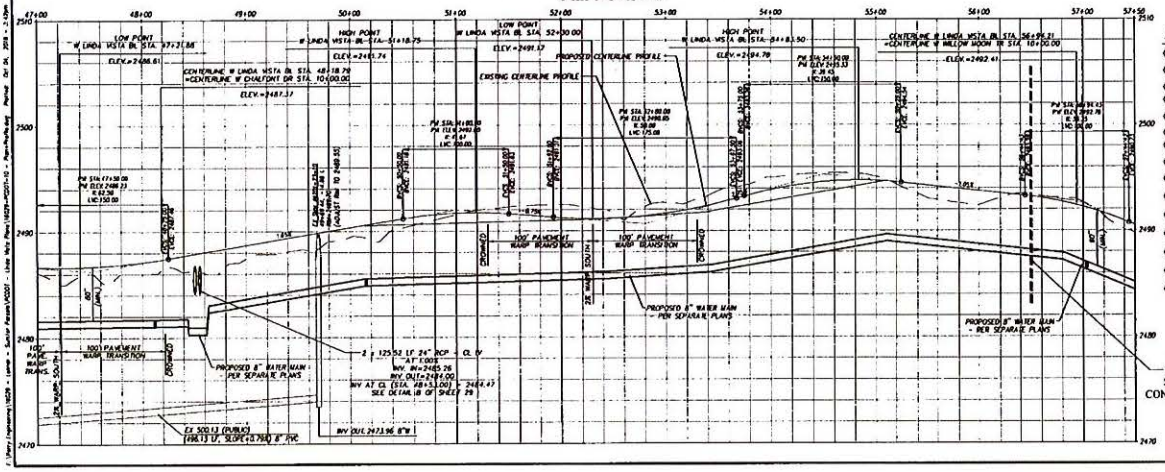
15'x20' RIP-RAP SPLASH PAD (DUMPED) (050+10", THICKNESS=20") OVER FILTER FABRIC (WRAP) 160N OR (EQUIVALENT)

START BOLLARDS STA. 52+22.50, 24.00' RT.
END BOLLARDS STA. 52+37.50, 24.00' RT.

8" WATER, SEE SEPARATE PLANS

W LINDA VISTA BL PUBLIC

ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED



KEYNOTES

1. PROPOSED CENTERLINE OF PAVEMENT
2. NEW CONC. MEDIAN CURB, TYPE 2 PER PAG STD. 209
3. NEW CURB ACCESS RAMP PER PAG STD. 707
4. NEW 5' CONCRETE SIDEWALK PER PAG STD. 200
5. PROPOSED NEW PAVEMENT SECTION. SEE DETAIL A ON SHEET 3
6. EXISTING SANITARY SEWER
7. PROPOSED RIGHT-OF-WAY LINE
8. PROPOSED PAVEMENT MARKINGS - SEE PAVEMENT MARKING PLANS
9. PROPOSED 2-24" RCP CULVERTS
10. ADJUST EXISTING SANITARY MANHOLE RIM - SEE SANITARY MANHOLE TABLE, THIS SHEET
11. POST BARRICADE PER PAG STD. 108 - AT 5' CENTERS
12. TEMPORARY CONSTRUCTION EASEMENT
13. MAINTENANCE AND ACCESS EASEMENT PIMA COUNTY, PER FINAL PLAT
14. SAWCUT 5' EXISTING PAVEMENT, TACK AND JOIN TO EX PAVEMENT EDGE, MEET EX ELEVATIONS
15. PROPOSED CONTOURS FOR PHASE 2 GRADING

PROJECT NO. P18SC00038
PHASE 2 - W LINDA VISTA BL PLAN AND PROFILE STA 47+00 - 57+50
PHASE TWO ROADWAY IMPROVEMENT PLANS W LINDA VISTA BL AND N THORNYDALE RD.

PERRY ENGINEERING
505 WEST NEBORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9870

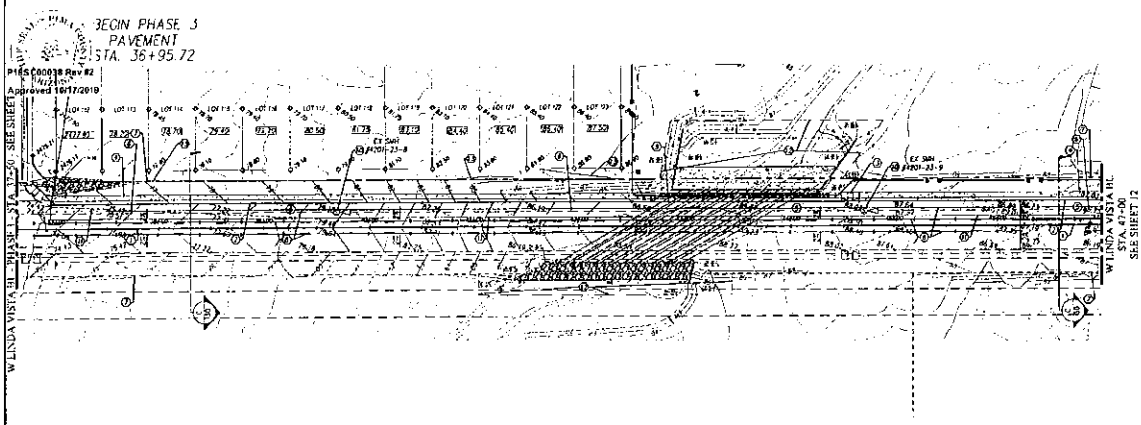
Expires 6/30/20

DESIGN BY	BB
DRAWN BY	BB
CHK'D BY	KP
DATE	10-05-2018
SCALE	Hor. 1"=40' Ver. 1"=4'
DRAWING NO.	10 of 30

PIMA COUNTY
PROJECT NO.
PLAN NUMBERS
P11TS0000
P11TS0000S
P18SC00019

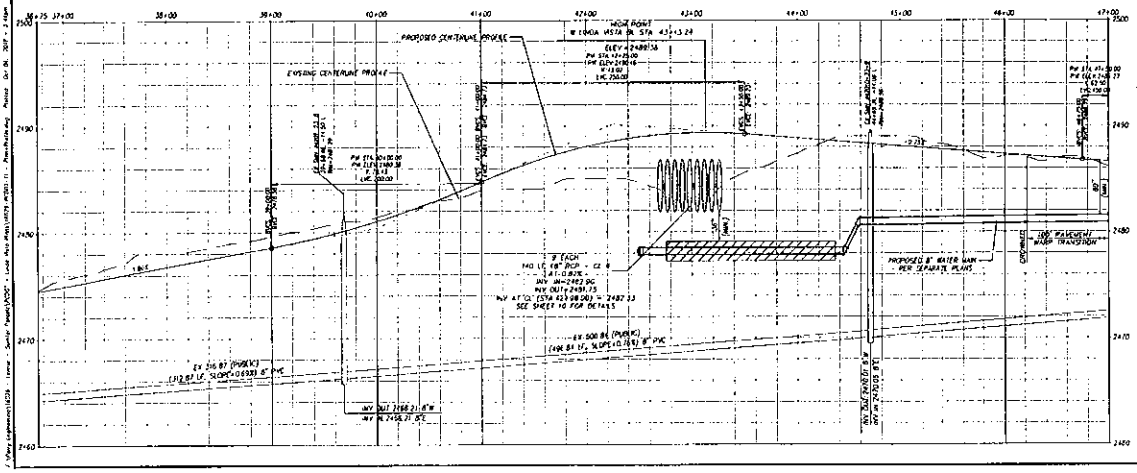
QUANTITY TAK SITE ADDRESS:
2121 W. CHALFONT DR.
TUCSON AZ 85742

PC # P18SC00038



W LINDA VISTA BL PUBLIC

ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED



KEYNOTES

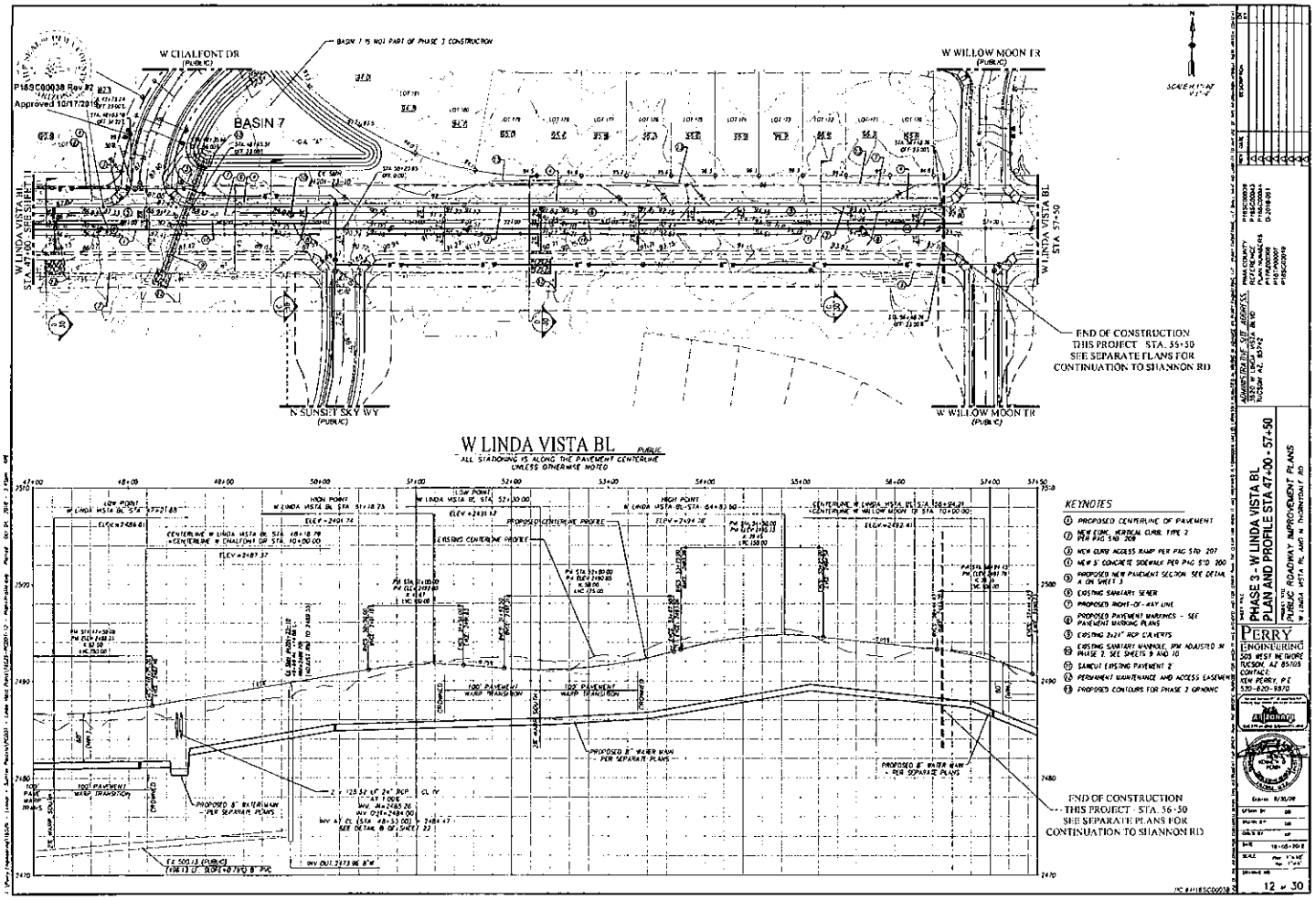
1. PROPOSED CENTERLINE OF PAVEMENT
2. NEW CONC. VERTICAL CURB, TYPE 2 PER PAG STD. 206
3. NEW CURB ACCESS RAMP PER PAG STD. 207
4. NEW 5' CONCRETE SIDEWALK PER PAG STD. 200
5. PROPOSED NEW PAVEMENT SECTION SEE DETAIL A ON SHEET 2
6. EXISTING SANITARY SEWER
7. PROPOSED RIGHT-OF-WAY LINE
8. PROPOSED PAVEMENT MARKINGS – SEE PAVEMENT MARKING PLANS
9. EXISTING 9'x8' RCP CULVERTS - SEE SHEET 13
10. EXISTING SANITARY MANHOLE, RIM ADJUSTED IN PHASE 2, SEE SHEETS 9 AND 10
11. SAWCUT EXISTING PAVEMENT 2'
12. PERMANENT MAINTENANCE AND ACCESS EASEMENT
13. PROPOSED CONTOURS FOR PHASE 2 GRADING

PHASE 3 - W LINDA VISTA BL
PLAN AND PROFILE STA. 37+50 - 47+00
PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

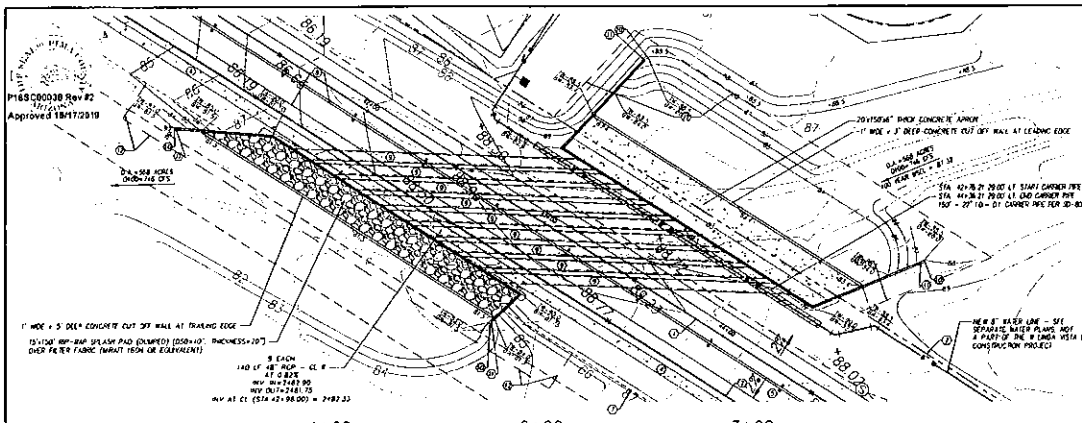
PERRY ENGINEERING
545 WEST MELROSE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, PE
520-620-9870

Exp Date 6/30/20

11 of 30

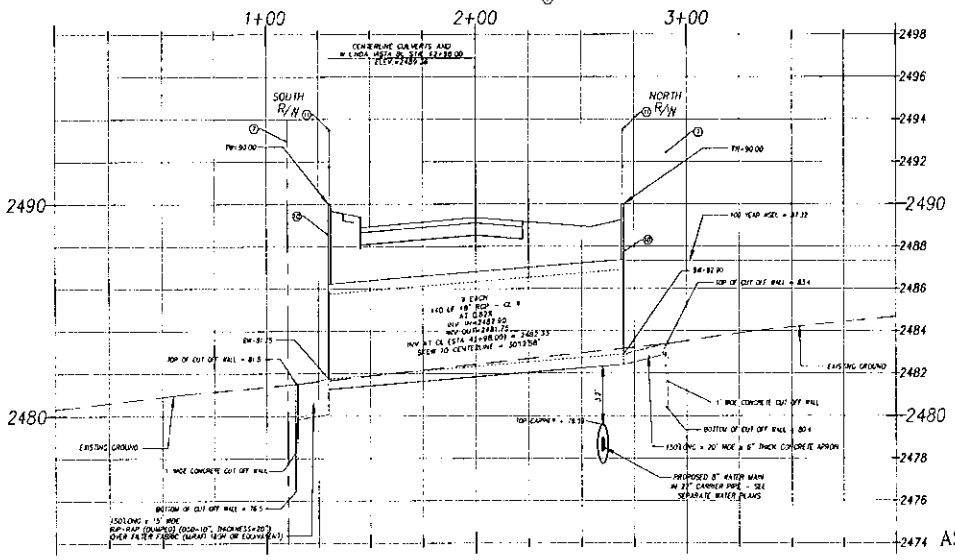

W CHALFONT DR
(PUBLIC)
W WILLOW MOON TR
(PUBLIC)
BASIN 7
W LINDA VISTA BL
STA 47+00
W LINDA VISTA BL
STA 57+50
N SUNSET SKY WY
(PUBLIC)
W WILLOW MOON TR
(PUBLIC)
END OF CONSTRUCTION
THIS PROJECT STA. 55+50
SEE SEPARATE PLANS FOR
CONTINUATION TO SHANNON RD
W LINDA VISTA BL
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE
UNLESS OTHERWISE NOTED
KEYNOTES
PROPOSED CENTERLINE OF PAVEMENT
NEW CONC. VERTICAL CURB TYPE 2
NEW CURB ACCESS RAMP PER PAG STD 207
NEW 5' CONCRETE SIDEWALK PER PAG STD 200
PROPOSED NEW PAVEMENT SECTION SEE DETAIL A ON SHEET 3
EXISTING SANITARY SEWER
PROPOSED RIGHT-OF-WAY LINE
PROPOSED PAVEMENT MARKINGS - SEE PAVEMENT MARKING PLANS
EXISTING 2x2x1" RCP CULVERTS
EXISTING SANITARY MANHOLE, RIM ADJUSTED IN PHASE 1, SEE SHEETS 9 AND 10
SAWCUT EXISTING PAVEMENT 2'
PERMANENT MAINTENANCE AND ACCESS EASEMENT
PROPOSED CONTOURS FOR PHASE 3 GRADING
END OF CONSTRUCTION
THIS PROJECT - STA. 56+50
SEE SEPARATE PLANS FOR
CONTINUATION TO SHANNON RD
PHASE 3 - W LINDA VISTA BL
PLAN AND PROFILE STA 47+00 - 57+50
PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND W THORNYDALE RD
PERRY
ENGINEERING
550 WEST NETWORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9870
12 of 30

P16SC00038 Rev #2
Approved 10/17/2019



KEYNOTES

1. PROPOSED CENTERLINE OF PAVEMENT
2. NEW CURB, VERTICAL CURB, TYPE 3 PER PAG STD 200
3. NEW CURB ACCESS RAMP PER PAG STD 207
4. NEW 5' CONCRETE SIDEWALK PER PAG STD 200
5. PROPOSED NEW PAVEMENT SECTION SEE DETAIL A ON SHEET 3
6. EXISTING SANITARY SEWER
7. PROPOSED RIGHT-OF-WAY LINE
8. PROPOSED PAVEMENT MARKINGS - SEE PAVEMENT MARKING PLANS
9. PROPOSED 9-48" RCP CULVERTS
10. PROPOSED 30' SHEA ROADWAY PER ADOT SD 8.30 ADOT SD 8.33, ADOT SD 8.35 AND ADOT SD 8.36
11. PROPOSED RAILING PER PAG STD 105
12. MAINTENANCE AND ACCESS EASEMENT TO PIMA COUNTY, PER FINAL PLAT



CULVERTS TO BE CONSTRUCTED AS PART OF PHASE 2 IMPROVEMENTS

SUBMITTAL DATE: 10/16/19
PIMA COUNTY
DEPARTMENT OF TRANSPORTATION
SUCSON, AZ. 85712

PIMA COUNTY
P16SC00038
P16SC00044
P16SC00046
C2016-0211
P16SC00047
P16SC00018

PHASE 2 - RCP PIPE CULVERT DETAILS

PHASE 2 ROADWAY IMPROVEMENT PLANS
W LINDA VISTA DR. AND N THORNYDALE RD.

PERRY ENGINEERING
505 WEST NETWORK
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9610

AUTOCAD

Expires 9/30/20

DESIGN BY: DB
DRAWN BY: DB
CHECK BY: KP
DATE: 10-05-2016
SCALE: HOR. 1"=20'
DRAWING #: 13 of 30

PC # P16SC00038

P18SC00038 Rev #2
Approved 10/17/2019

SCALE IN FEET

KEYNOTES

1. WS6 - WHITE SOLID 6" EDGE LINE
2. WS6(2X6) - WHITE SOLID 6" GUIDE LINE (2" STRIPE WITH 6" GAP)
3. YS04-040/040 - YELLOW SOLID/BROKEN 4" LINE (10' STRIPE WITH 30' GAP) WITH YELLOW 2 WAY RPM's @ 10'
4. YDS4-040/040 - DOUBLE YELLOW SOLID 4" LINE WITH YELLOW 2 WAY RPM's @ 10'
5. WS8-020 - WHITE SOLID 8" LINE WITH WHITE 1 WAY RPM's @ 20'
6. WLS - WHITE LETTERS AND SYMBOLS - LEFT TURN ARROW
7. WLS - WHITE LETTERS AND SYMBOLS - "ONLY" LETTERS
8. WS12 - WHITE SOLID 12" STOP BAR
9. WS12 - WHITE SOLID 12" CROSSWALK LINE
10. OBLITERATE EXISTING PAVEMENT MARKINGS

N THORNYDALE RD
SEE SHEET 15

W LINDA VISTA BL (PUBLIC)
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED

W DESERT TOTEM LN (PUBLIC)

W LINDA VISTA BL
STA. 17+50
SEE LOWER LEFT

W GRANITE VISTA DR (PUBLIC)

W LINDA VISTA BL
STA. 17+50
SEE UPPER RIGHT

W LINDA VISTA BL
STA. 27+50
SEE SHEET 15

FLYNN WY (PUBLIC)

LENIHAN LN (PUBLIC)

W LINDA VISTA BL (PUBLIC)
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED

PHASE 1 - W LINDA VISTA BL PVMT. MARKING PLAN - STA. 8+50 - 27+50

PERRY ENGINEERING
505 WEST NETTLETON
TUCSON, AZ 85705
CONTACT:
KEN PERRY, PE
520-620-3870

PIMA COUNTY
PLAN NUMBERS
P18SC00038
P18TP00007
P18SC00039

PIMA COUNTY DEPT. OF TRANSPORTATION
201 N. STONE AVE., 6TH FLOOR
TUCSON, AZ. 85701

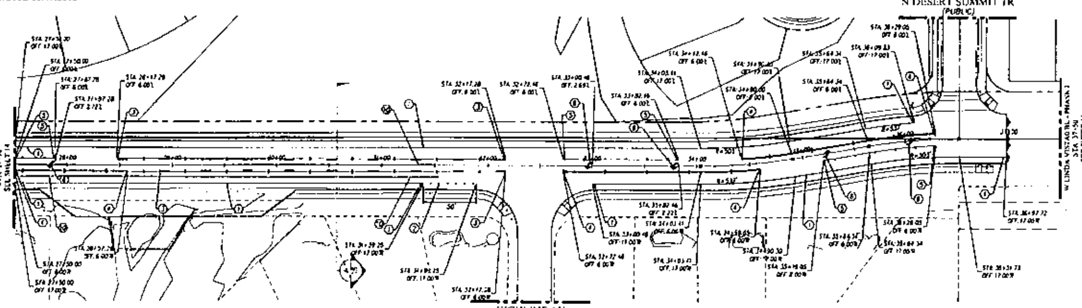
PIMA COUNTY
DEPARTMENT OF TRANSPORTATION
ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

Expires 9/30/20

SCALE 1" = 20'
DRAWN BY: DB
CHECKED BY: KP
DATE: 10-09-2019
SCALE: 1" = 20'
Hor. 1" = 5'
DRAWING NO.

14 of 30

P18SC00038 Rev #2
Approved 10/17/2019

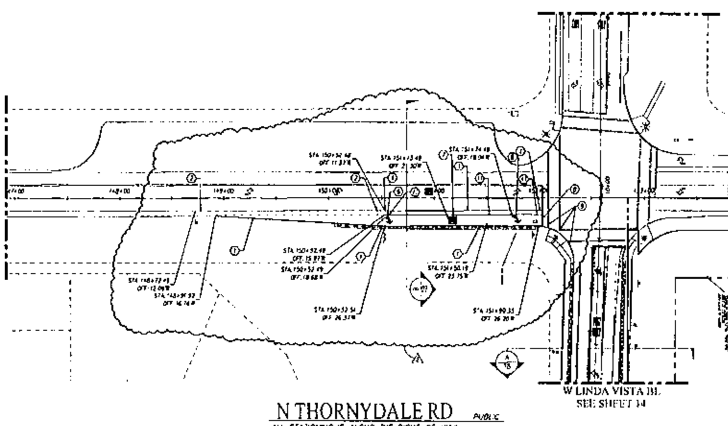


W LINDA VISTA BL PUBLIC

ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED

KEYNOTES

1. WS6 - WHITE SOLID 6" EDGE LINE
2. WGS(2X6) - WHITE SOLID 6" GUIDE LINE (2' STRIPE WITH 6' GAP)
3. YSB4-D40/D40 - YELLOW SOLID/BROKEN 4" LINE (10' STRIPE WITH 30' GAP) WITH YELLOW 2 WAY RPM's @ 40'
4. YDS4-D40/D40 - DOUBLE YELLOW SOLID 4" LINE WITH YELLOW 2 WAY RPM's @ 40'
5. WS8-G20 - WHITE SOLID 8" LINE WITH WHITE 1 WAY RPM's @ 20'
6. WLS - WHITE LETTERS AND SYMBOLS - LEFT TURN ARROW
7. WLS - WHITE LETTERS AND SYMBOLS - "ONLY" LETTERS
8. WS12 - WHITE SOLID 12" STOP BAR
9. WS12 - WHITE SOLID 12" CROSSWALK LINE
10. OBLITERATE EXISTING PAVEMENT MARKINGS



N THORNYDALE RD PUBLIC

ALL STATIONING IS ALONG THE RIGHT-OF-WAY CENTERLINE UNLESS OTHERWISE NOTED

KEYNOTES

1. WS6 - WHITE SOLID 6" EDGE LINE
2. WGS(2X6) - WHITE SOLID 6" GUIDE LINE (2' STRIPE WITH 6' GAP)
3. YSB4-D40/D40 - YELLOW SOLID/BROKEN 4" LINE (10' STRIPE WITH 30' GAP) WITH YELLOW 2 WAY RPM's @ 40'
4. YDS4-D40/D40 - DOUBLE YELLOW SOLID 4" LINE WITH YELLOW 2 WAY RPM's @ 40'
5. WS8-G20 - WHITE SOLID 8" LINE WITH WHITE 1 WAY RPM's @ 20'
6. WLS - WHITE LETTERS AND SYMBOLS - LEFT TURN ARROW
7. WLS - WHITE LETTERS AND SYMBOLS - "ONLY" LETTERS
8. WS12 - WHITE SOLID 12" STOP BAR
9. WS12 - WHITE SOLID 12" CROSSWALK LINE
10. OBLITERATE EXISTING PAVEMENT MARKINGS
11. WS8 - WHITE SOLID 8" EDGE LINE

ADMINISTRATIVE SITE ADDRESS:
3820 W LINDA VISTA BLVD.
TUCSON AZ 85742

PIMA COUNTY REFERENCE PLAN NUMBERS:
P17RZ00004
P18TP00007
P18SC00018
P18SC00038
P18SC00043
P18SC00044
G-2018-051

PHASZE 1 - W LINDA VISTA BL PVMT. MARKING PLAN - STA. 27+50 - 37+50

PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

PERRY ENGINEERING
505 WEST WETMORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9870

Expires 9/30/20

DESIGN BY	OB
DRAWN BY	OB
CHK'D BY	KP
DATE	10-05-2018
SCALE	Hor. 1"=40' Ver. 1"=1'
DRAWING NO.	15 of 30

PC # P18SC00038

P16SC00038 Rev #2
Approved 10/17/2019

W LINDA VISTA BL (PUBLIC)
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED

W CHALFONT DR (PUBLIC)

BASIN 7

W WILLOW MOON TR (PUBLIC)

W LINDA VISTA BL STA. 47+50 - SEE ABOVE RIGHT

W LINDA VISTA BL STA. 57+50

N SUNSET SKY WY (PUBLIC)

W LINDA VISTA BL (PUBLIC)
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED

W WILLOW MOON TR (PUBLIC)

SCALE: 1"=40'

KEYNOTES

1. #56 - WHITE SOLID 6" EDGE LINE
2. #66(2+6) - WHITE SOLID 6" EDGE LINE (2' STRIPE WITH 6' GAP)
3. YDS4-040/040 - DOUBLE YELLOW SOLID 4" LINE WITH YELLOW 2 WAY RPM's @ 40'

END OF CONSTRUCTION THIS PROJECT - STA. 56+50 SEE SEPARATE PLANS FOR CONTINUATION TO SHANNON ROAD

ADMINISTRATIVE SITE ADDRESS
PIMA COUNTY, ARIZONA
TUCSON AZ, 85742

PIMA COUNTY
PROJECT NAME: W LINDA VISTA BL
PLAN NUMBER: P16SC00038
FILE NUMBER: P16TP00037
P16SC00019

PHASE 2 - W LINDA VISTA BL PVMT. MARKING PLAN - STA. 37+00 - 57+50

PHASE (s): ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

PERRY ENGINEERING
565 WEST MENDORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9870

Expires 9/30/20

DESIGN BY	DB
DRAWN BY	DB
CHECK BY	KP
DATE	10-15-2018
SCALE	Hor. 1"=40' Ver. 1"=4'
DRAWING NO.	

16 of 30

P189C00038 Rev#2
Approved 10/17/2019

W LINDA VISTA BL (PUBLIC)
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED

W CHALFONT DR (PUBLIC)

BASIN 7

W LINDA VISTA BL STA. 47+50 - SEE ABOVE RIGHT

W WILLOW MOON TR (PUBLIC)

W LINDA VISTA BL STA. 57+50

N SUNSET SKY WY (PUBLIC)

W LINDA VISTA BL (PUBLIC)
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED

W WILLOW MOON TR (PUBLIC)

END OF CONSTRUCTION THIS PROJECT - STA. 56+50 SEE SEPARATE PLANS FOR CONTINUATION TO SHANNON ROAD

KEYNOTES

1. WS6 - WHITE SOLID 6" EDGE LINE
2. WC6(216) - WHITE SOLID 6" GUIDE LINE (2' STRIPE WITH 6' GAP)
3. YSB4-D10/D10 - YELLOW SOLID/BROKEN 4" LINE (10' STRIPE WITH 30' GAP) WITH YELLOW 2 WAY RPM's @ 40'
4. YDS4-D10/D10 - DOUBLE YELLOW SOLID 4" LINE WITH YELLOW 2 WAY RPM's @ 40'
5. WSB-C20 - WHITE SOLID 8" LINE WITH WHITE 3 WAY RPM's @ 20'
6. WLS - WHITE LETTERS AND SYMBOLS - LEFT TURN ARROW
7. WLS - WHITE LETTERS AND SYMBOLS - "ONLY" LETTERS
8. WS12 - WHITE SOLID 12" STOP BAR
9. WS12 - WHITE SOLID 12" CROSSWALK LINE
10. OBLITERATE EXISTING PHASE 2 PAVEMENT MARKINGS
11. EXISTING PHASE 2 PAVEMENT MARKINGS TO REMAIN

NO.	DATE	REVISION
1		
2		
3		
4		
5		
6		
7		
8		

PIMA COUNTY REFERENCE PLAN NUMBERS
P189C00003
P189C00004
P189C00005
P189C00006
P189P00007
P189P00008
P189C00016

ADDRESS FOR THE SITE ADDRESS:
3870 W LINDA VISTA BLVD
TUCSON, AZ. 85742

PHASE 3 - W LINDA VISTA BL PVMT. MARKING PLAN - STA. 37+00 - 57+50

PIMA COUNTY PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND W THORNYDALE RD

PERRY ENGINEERING
305 WEST HEITHORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, PE
520-620-9970

Expires 9/30/20

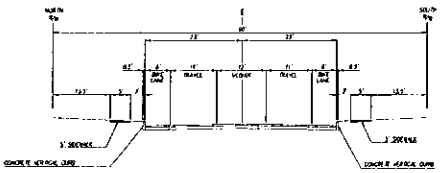
SCALE: 1" = 20'
DATE: 10-03-2016

GENERAL PAVEMENT MARKING NOTES

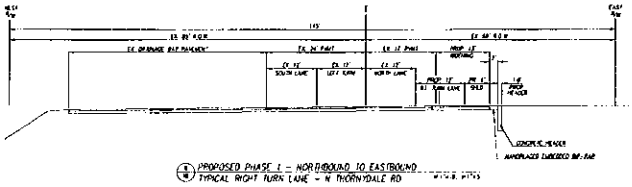
1. ALL MARKINGS SHALL CONFORM TO PIMA COUNTY / CITY OF TUCSON (PC/DOT) STANDARDS AND SPECIFICATIONS
2. ALL PAVEMENT MARKINGS MAY BE MODIFIED AS DIRECTED BY THE TRAFFIC ENGINEER
3. THE POSTED SPEED FOR W LINDA VISTA BL IS 35 MPH. THE DESIGN SPEED FOR N THORNYDALE RD IS 45 MPH. THE DESIGN SPEED FOR W LINDA VISTA BL IS 35 MPH. THE POSTED SPEED LIMIT FOR N THORNYDALE RD IS 45 MPH. THE POSTED SPEED LIMIT FOR W LINDA VISTA BL IS 35 MPH.

P18SC00036 Rev. B2
Approved 10/17/2019

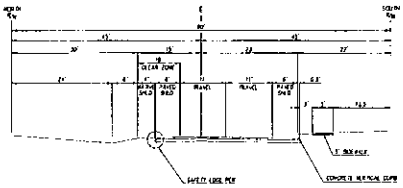
4. DIMENSIONS ARE FROM CENTER OF LANE LINE, CENTER OF DOUBLE LANE LINE, FACE OF CURB, OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED
5. THE PAVEMENT MARKING DRAWINGS ARE SCHEMATIC ONLY. THE CONTRACTOR SHALL FOLLOW ALL DIMENSIONS, DETAILS, AND STANDARDS WHEN INSTALLING PAVEMENT STRIPING, MARKINGS AND MARKERS
6. THE FINAL LONGITUDINAL STRIPING SHALL BE 60 MIL (0.060") THICK HOT-SPRAYED THERMOPLASTIC RETROREFLECTIVE STRIPING PLACED OVER THE TEMPORARY STRIPING WITHIN 14 TO 30 CALENDAR DAYS AFTER COMPLETION OF THE FINAL PAVEMENT SURFACE, OR AS DIRECTED BY THE TRAFFIC ENGINEER. ALL OTHER MARKINGS SHALL BE APPLIED AT THE SAME TIME. TEMPORARY STRIPING SHALL BE PAINT
7. THE FINAL TRANSVERSE MARKINGS SHALL BE HOT-SPRAYED 90 MIL THERMOPLASTIC STRIPING (0.090"). ALL PAVEMENT ARROWS AND LEGENDS SHALL BE HOT SPRAYED 90 MIL THERMOPLASTIC PAVEMENT MARKINGS (0.090"). EXTRUDED THERMOPLASTIC OR PREFORMED APPLICATIONS MAY BE USED IF APPROVED BY THE TRAFFIC ENGINEER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF PAVEMENT MARKINGS ON FINAL SURFACE COURSE. FOLLOWING CONTROL POINTS THAT HAVE BEEN SET NO MORE THAN 50 FEET APART ALONG THE LINES TO BE STRIPED. IN TANGENT SECTIONS OF A ROAD WHERE THE PAVEMENT MARKING PATTERNS DOES NOT CHANGE, CONTROL POINTS CAN BE SET AT 200 FEET APART. THE LAYOUT AND INSPECTION OF ALL PAVEMENT MARKINGS SHALL BE APPROVED BY THE TRAFFIC ENGINEER PRIOR TO THE APPLICATION OF MATERIALS
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE FINAL SURFACE IS PLACED SO THAT THE STRIPING IS OFFSET NO MORE THAN ONE FOOT CLEAR OF THE CONSTRUCTION JOINT, UNLESS OTHERWISE DIRECTED BY THE TRAFFIC ENGINEER
10. THE CONTRACTOR SHALL CLEAN THE ROADWAY SURFACE TO THE SATISFACTION OF THE TRAFFIC ENGINEER BY SWEEPING AND AIR-JET BLOWING IMMEDIATELY PRIOR TO THE PLACEMENT OF ALL PAVEMENT MARKINGS. THE TEMPERATURE SHALL NOT BE LESS THAN 50 DEGREES F FOR THE PLACEMENT OF HOT-SPRAYED THERMOPLASTIC STRIPING, AND 40 DEGREES F FOR THE PLACEMENT OF PAINT
11. ALL RAISED PAVEMENT MARKERS (RPMs) SHALL BE INSTALLED SO THAT THE REFLECTIVE FACE OF EACH MARKER IS FACING THE DIRECTION OF TRAFFIC AND IS PERPENDICULAR TO THE DIRECTION OF TRAFFIC FLOW. TYPE C PAVEMENT MARKERS SHALL BE INSTALLED SO THAT THE CLEAR REFLECTIVE FACE OF EACH MARKER IS FACING APPROACHING TRAFFIC AND PERPENDICULAR TO THE DIRECTION OF TRAFFIC FLOW
12. AT INTERSECTION APPROACHES ON ROADWAYS WITH UGLANES, TYPE C RPMs SHALL BE PLACED AS PER PC/DOT STANDARDS OR AS DIRECTED BY THE TRAFFIC ENGINEER
13. ALL REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH SECTION 701 OF THE PC/DOT STANDARD SPECIFICATIONS. PAINTING OVER EXISTING STRIPING DOES NOT CONSTITUTE APPROVED STRIPING OBLITERATION
14. THE ENGINEER OF RECORD SHALL BE REQUIRED TO PRODUCE AS-BUILT STRIPING PLANS WITHIN 60 DAYS OF STRIPING COMPLETION
15. BLUE RAISED PAVEMENT MARKERS SHALL BE PLACED ADJACENT TO FIRE HYDRANTS AS SHOWN ON SHEET 7-1 OF THE PC/DOT PAVEMENT MARKING DESIGN MANUAL
16. FOR ALL CONSTRUCTION, ALL PAVEMENT MARKINGS AND SIGNING SHALL BE INSTALLED AND SHALL BE PAID FOR BY THE PROJECT OWNER/DEVELOPER
17. FINAL INSPECTION/ACCEPTANCE OF PAVEMENT MARKINGS SHALL BE PERFORMED BY THE TRAFFIC ENGINEER



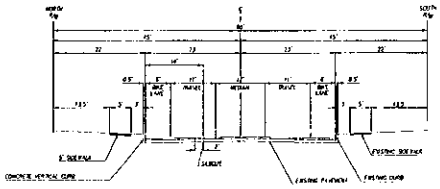
90' - PHASE 1 - PROPOSED R.O.W.
TYPICAL W LINDA VISTA BL - LANE CONFIGURATION



PROPOSED PHASE 1 - NORTHBOUND TO EASTBOUND
TYPICAL RIGHT TURN LANE - N THORNYDALE RD



90' - PHASE 2 - PROPOSED R.O.W.
TYPICAL W LINDA VISTA BL - LANE CONFIGURATION



90' - PHASE 3 - PROPOSED R.O.W.
TYPICAL W LINDA VISTA BL - LANE CONFIGURATION

REV	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		

PIMA COUNTY
RECEIVED
PLAN NUMBER
P18SC00036
P18STC00001
P18TM00007
P18SC00015

DRAWING ON THE SITE ADDRESS:
SOLD W LINDA VISTA BLVD
TUCSON AZ 85742

PAVEMENT MARKING DETAILS

PROJECT TITLE
PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

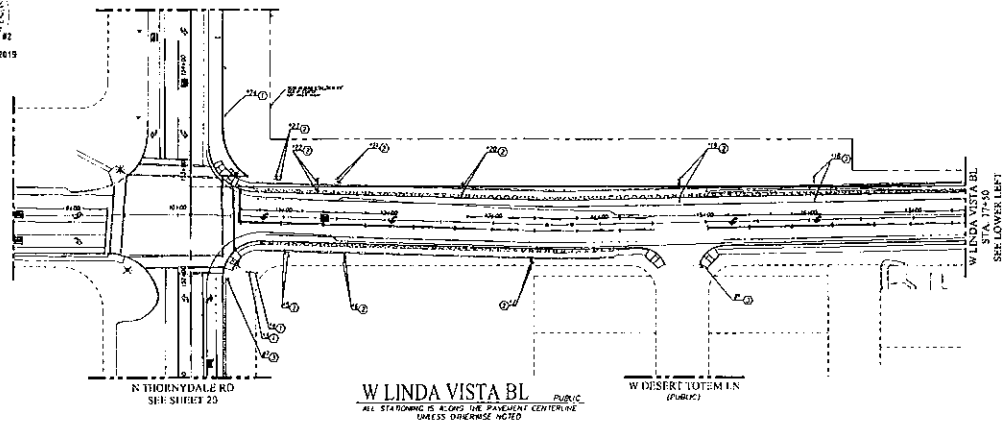
PERRY ENGINEERING
505 WEST NETHORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, PE
520-620-9000

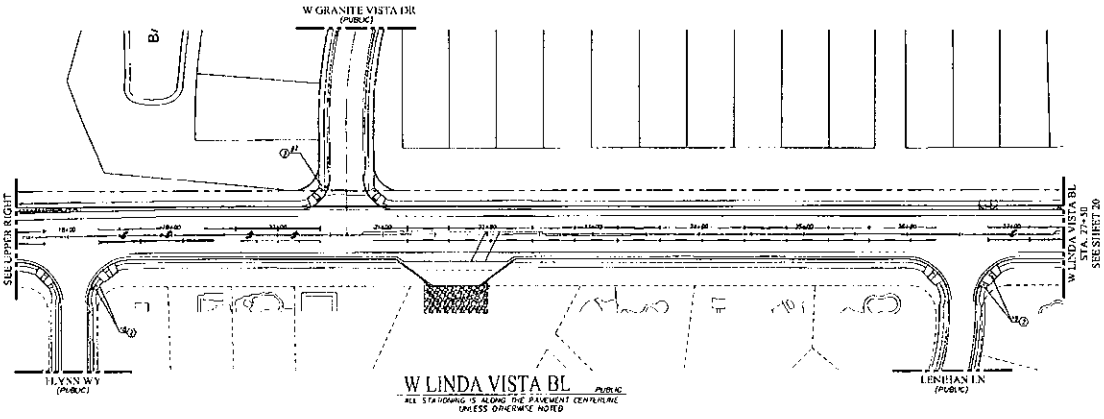
Expires 3/30/20

DESIGN BY	DB
DRAWN BY	DB
CHECKED BY	KP
DATE	10-05-2018
SCALE	AS SHOWN
DRAWING NO.	

PC P18SC00036 B

P18SC00038 Rev #2
Approved 10/17/2019





SCALE: NTS

KEYNOTES

1. EXISTING SIGN TO REMAIN
2. EXISTING SIGN TO BE RELOCATED
3. PROPOSED SIGN (SEE SHEET 23 FOR PROPOSED SIGN TABLE)

EXISTING SIGN TABLE

NUMBER	SIGN DESCRIPTION	STATUS
*2	REAL ESTATE SIGN	REMAIN
*3	REAL ESTATE SIGN	REMAIN
*5	ROAD END AHEAD 1/2 MILE	RELOCATE
*6	ROAD MAY FLOOD SIGN	RELOCATE
*7	35 MPH SIGN	REMAIN
*8	STOP AND STREET SIGNS	RELOCATE
*9	STOP AND STREET SIGNS	RELOCATE
*10	ROAD MAY FLOOD SIGN	RELOCATE
*11	THORNYDALE ROAD SIGN	RELOCATE
*20	GOLDEN EAGLE SIGN	RELOCATE
*21	NO PARKING SIGN	RELOCATE
*22	TURNING TRAFFIC MUST YIELD	RELOCATE
*23	NO PARKING SIGN	RELOCATE
*24	NO PARKING SIGN	REMAIN

ADMINISTRATIVE SITE ADDRESS:
3270 W LINDA VISTA BLVD
TUCSON AZ 85742

NO.	DATE	DESCRIPTION
1	10/17/2019	PIMA COUNTY REFORMAT
2	11/13/2020	PLAN NUMBER
3	11/13/2020	P18SC00038
4	11/13/2020	P18TP00007
5	11/13/2020	P18SB00019

PHASE 1 - W LINDA VISTA BL STREET
SIGNING PLAN - STATION 8+50 - 27+50

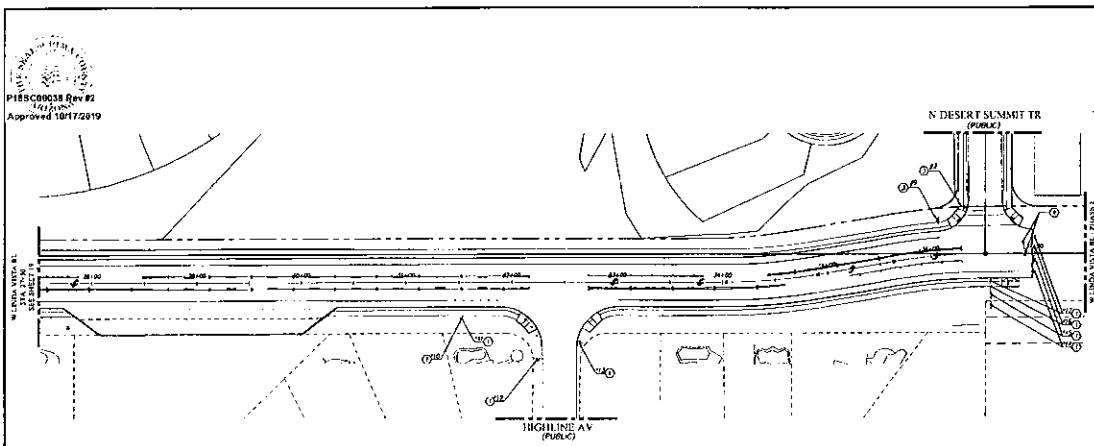
PROJECT TITLE:
PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

PERRY ENGINEERING
555 WEST NEWORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, PE
520-620-9810

Expires 6/30/20

DESIGN BY: DB
DRAWN BY: DB
CHECKED BY: LR
DATE: 10-05-2018
SCALE: HOR 1"=10' VER 1"=5'
SHEET NO. 19 of 30

P18SC00038 Rev #2
Approved 10/17/2019



W LINDA VISTA BL (PUBLIC)

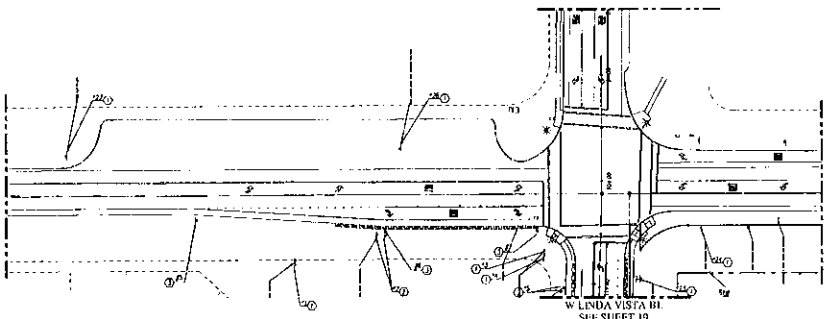
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED

KEYNOTES

1. EXISTING SIGN TO REMAIN
2. EXISTING SIGN TO BE REMOVED
3. PROPOSED SIGN (SEE SHEET 18 FOR PROPOSED SIGN TABLE)
4. EXISTING POSTS AND CHAIN TO BE REMOVED

EXISTING SIGN TABLE

NUMBER	SIGN DESCRIPTION	STATUS
1	DEAD END 500 FEET SIGN	REMAIN
2	NO PASSING SIGN	REMAIN
3	SPEED HUMPS 15 MPH SIGN	REMAIN
4	STOP AND STREET SIGNS	REMAIN
5	RED DIAMOND END OF ROAD	RELOCATE
6	RED DIAMOND END OF ROAD	RELOCATE
7	RED DIAMOND END OF ROAD	RELOCATE
8	RED DIAMOND END OF ROAD	RELOCATE



N THORNYDALE RD (PUBLIC)

ALL STATIONING IS ALONG THE RIGHT-OF-WAY CENTERLINE UNLESS OTHERWISE NOTED

EXISTING SIGN TABLE

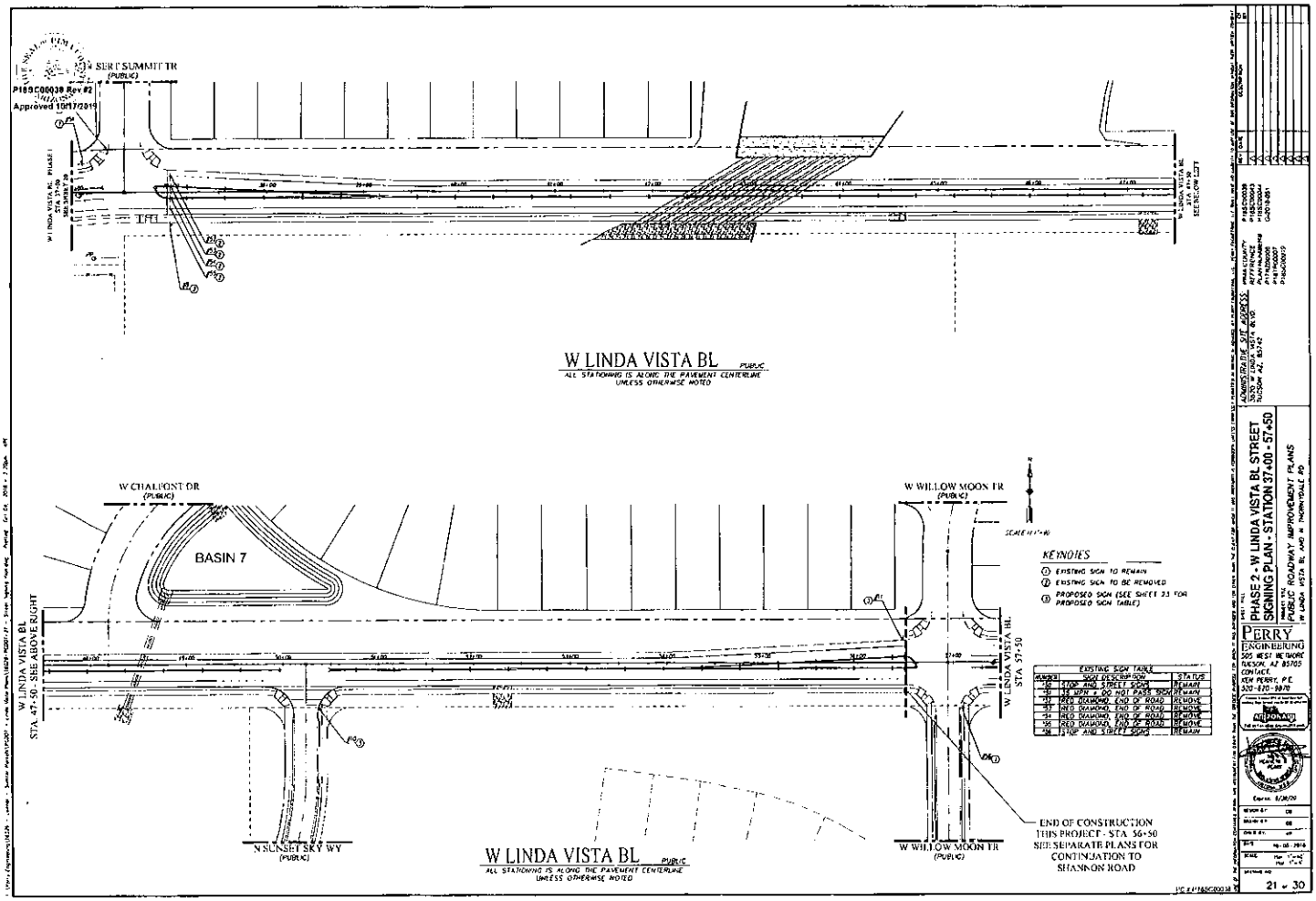
NUMBER	SIGN DESCRIPTION	STATUS
11	REAL ESTATE SIGN	REMAIN
12	CHILDREN AHEAD SIGN	RELOCATE
13	REAL ESTATE SIGN	REMAIN
14	REAL ESTATE SIGN	REMAIN
15	DEAD END AHEAD 1/2 MILE	RELOCATE
23	NO PARKING SIGN	REMAIN
24	NO PARKING SIGN	REMAIN
25	NO PARKING SIGN	REMAIN
27	30 MPH SIGN	REMAIN

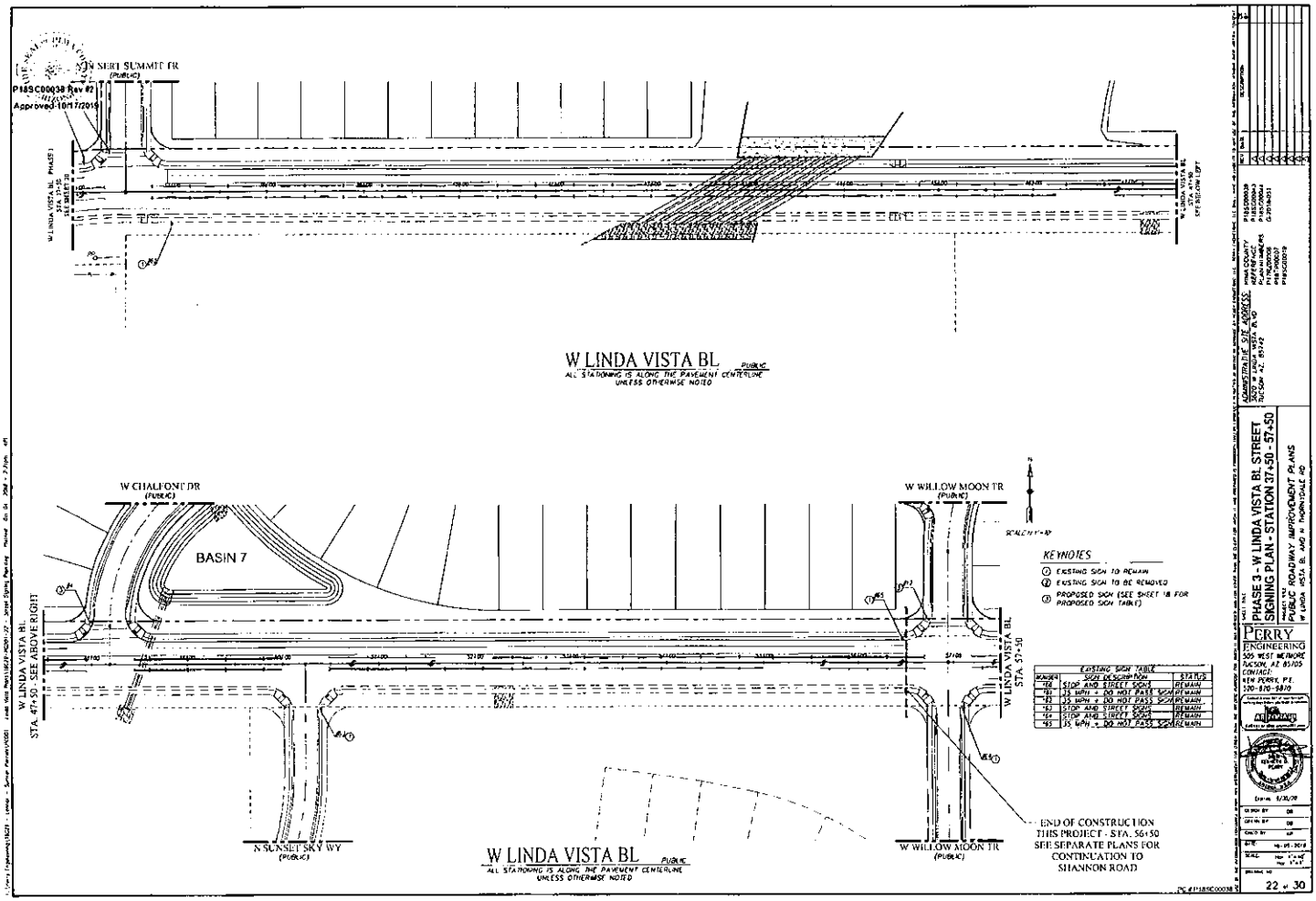
PHASE 1 - W LINDA VISTA BL STREET
SIGNING PLAN - STATION 27+50 - 37+50

PROJECT TITLE: PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

PERRY ENGINEERING
505 WEST MONSOON
TUCSON, AZ 85705
CONTACT:
KEN PERRY, PE
520-620-9870

Date: 11/20/19
DESIGN BY: MB
DRAWN BY: MB
CHECKED BY: KP
DATE: 10-08-2019
SCALE: Hor. 1"=40' Ver. 1"=5'


W SERENE SUMMIT TR
(PUBLIC)
P18SC00038 Rev #2
Approved 10/17/2019
W LINDA VISTA BL PHASE I
STA 37+00
STA 37+50
W LINDA VISTA BL
SERENE CIR LOOP
W LINDA VISTA BL
PUBLIC
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED
W CHALFONT DR
(PUBLIC)
BASIN 7
W WILLOW MOON TR
(PUBLIC)
W LINDA VISTA BL
STA 47+50 - SEE ABOVE RIGHT
W LINDA VISTA BL
STA 57+50
N SUNSET SKY WY
(PUBLIC)
W LINDA VISTA BL
PUBLIC
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED
W WILLOW MOON TR
(PUBLIC)
END OF CONSTRUCTION
THIS PROJECT - STA. 56+50
SEE SEPARATE PLANS FOR
CONTINUATION TO
SHANNON ROAD
KEYNOTES
1 EXISTING SIGN TO REMAIN
2 EXISTING SIGN TO BE REMOVED
3 PROPOSED SIGN (SEE SHEET 33 FOR PROPOSED SIGN TABLE)
EXISTING SIGN TABLE
NUMBER
SIGN DESCRIPTION
STATUS
R2
STOP AND STREET SIGNS
REMAIN
R1
36 WIDE x 60 HOT PASS SIGN
REMAIN
R3
RED DIAMOND, END OF ROAD
REMOVE
R4
RED DIAMOND, END OF ROAD
REMOVE
R5
RED DIAMOND, END OF ROAD
REMOVE
R6
RED DIAMOND, END OF ROAD
REMOVE
R7
STOP AND STREET SIGNS
REMAIN
PHASE 2 - W LINDA VISTA BL STREET
SIGNING PLAN - STATION 37+00 - 57+50
PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD
PERRY
ENGINEERING
55 WEST WENDOVER
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9870
21 of 30


N SIRI SUMMIT TR
(PUBLIC)
P18SC00038 Rev #2
Approved 10/17/2019
W LINDA VISTA BL (PHASE 1)
STA 37+50
SEE ABOVE RIGHT
W LINDA VISTA BL
STA 47+50
SEE BELOW LEFT
W LINDA VISTA BL (PUBLIC)
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED
W CHALFONT DR
(PUBLIC)
BASIN 7
W WILLOW MOON TR
(PUBLIC)
SCALE N.T.S.
KEYNOTES
1 EXISTING SIGN TO REMAIN
2 EXISTING SIGN TO BE REMOVED
3 PROPOSED SIGN (SEE SHEET 18 FOR PROPOSED SIGN TABLE)
W LINDA VISTA BL
STA 47+50 - SEE ABOVE RIGHT
W LINDA VISTA BL
STA 57+50
EXISTING SIGN TABLE
MONIKER
SIGN DESCRIPTION
STATUS
R1-1 STOP AND STREET SIGNS REMAIN
R3-5 35 MPH + DO NOT PASS SIGN REMAIN
R3-5 35 MPH + DO NOT PASS SIGN REMAIN
R1-1 STOP AND STREET SIGNS REMAIN
R1-1 STOP AND STREET SIGNS REMAIN
R3-5 35 MPH + DO NOT PASS SIGN REMAIN
N SUNSET SKY WY
(PUBLIC)
W LINDA VISTA BL (PUBLIC)
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED
W WILLOW MOON TR
(PUBLIC)
END OF CONSTRUCTION THIS PROJECT - STA. 56+50 SEE SEPARATE PLANS FOR CONTINUATION TO SHANNON ROAD
PHASE 3 - W LINDA VISTA BL STREET
SIGNING PLAN - STATION 37+50 - 57+50
PUBLIC ROADWAY IMPROVEMENT PLANS
PERRY ENGINEERING
505 WEST MELROSE
TUCSON, AZ 85705
520-870-9870
22 of 30

GENERAL SIGNING NOTES

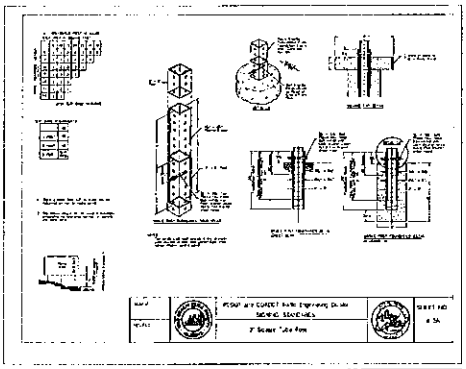
1. MATERIALS AND CONSTRUCTION SHALL MEET OR EXCEED THE REQUIREMENTS CONTAINED IN THE CURRENT PIMA COUNTY DEPARTMENT OF TRANSPORTATION (PDOT) STANDARD SPECIFICATIONS AND THE STANDARD DETAILS FOR PUBLIC IMPROVEMENTS, THE PROJECT SPECIFICATIONS AND THE APPROVED PLANS.
2. ALL SIGNS SHALL BE IN COMPLIANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE LATEST EDITION OF THE PIMA COUNTY/CITY OF TUCSON TRAFFIC SIGNAL DESIGN MANUAL, THESE PLANS, THE PROJECT SPECIFICATIONS AND APPLICABLE AMENDMENTS.

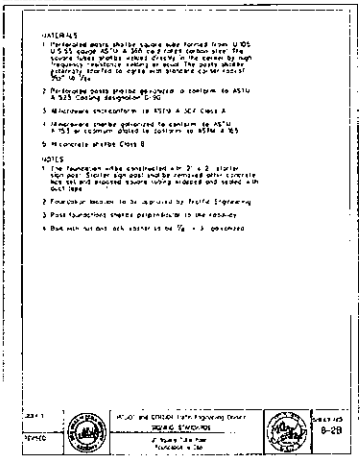
P18SC00038 Rev #2
Approved 10/17/2019

3. SIGN SIZES AND LOCATIONS ADJUSTED TO FIT CONDITIONS AT THE DISCRETION OF THE TRAFFIC ENGINEER.
4. THE DESIGN SPEED FOR W LINDA VISTA BL IS 35 MPH. THE DESIGN SPEED FOR N THORNYDALE RD IS 45 MPH. THE DESIGN VEHICLE IS WB-65. THE POSTED SPEED LIMIT FOR W LINDA VISTA BL IS 35 MPH. THE POSTED SPEED LIMIT FOR N THORNYDALE RD IS 40 MPH.
5. POST LENGTHS INDICATED ON SIGN SUMMARY SHEETS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ACTUAL POST LENGTHS.
6. ALL PERFORATED POSTS SHALL BE INSTALLED IN A CONCRETE FOUNDATION UNLESS OTHERWISE DIRECTED BY THE TRAFFIC ENGINEER.
7. ALL SIGN STATION LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ACTUAL SIGN LOCATIONS WITH THE TRAFFIC ENGINEER PRIOR TO THE INSTALLATION OF ANY SIGNS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH BLUE STAKE FOR INSTALLING ALL TRAFFIC SIGNS IN THE FIELD AND FOR MAINTAINING ALL SIGNING UNTIL PROJECT IS APPROVED FOR "CONSTRUCTION ACCEPTANCE" BY PIMA COUNTY (FULLY OPEN TO TRAFFIC, ALL PUNCH LIST ITEMS ARE COMPLETED, AND ONE YEAR WARRANTIES BEGIN).
9. ALL OVERHEAD MOUNTED SIGNS SHALL BE DIAMOND GRADE SHEETING, TYPE IV. ALL SCHOOL SIGNS SHALL BE FLORESCENT YELLOW/GREEN, DIAMOND GRADE SHEETING, TYPE IV. ALL OTHER SIGNS SHALL BE HIGH INTENSITY PRISMATIC SHEETING, TYPE IV. ALL GROUND MOUNTED SIGNS SHALL HAVE AN ANTI GRAFFITI COATING APPLIED TO SIGN FACE, 3M #1160 FILM OR EQUIVALENT.
10. ALL NEW SIGNS SHALL HAVE 0.080 GAUGE, RADIUS CORNER, ALUMINUM BACKING UNLESS OTHERWISE NOTED.
11. PRIOR TO DISTURBING ANY TRAFFIC SIGNS, A SIGN CONDITION INVENTORY OF ALL EXISTING SIGNING SHALL BE CONDUCTED BY THE CONTRACTOR AND PROVIDED TO THE SIGN SHOP SUPERVISOR (520-724-2611). INVENTORY SHALL INDICATE CURRENT SIGN LOCATION AND CONDITION, INCLUDING ANY EXISTING DAMAGE OR DEFICIENCIES.
12. ANY SIGNS AND POSTS BEING RE-USED ON THIS PROJECT SHALL BE STOCKPILED IN A MANNER TO AVOID DAMAGE AND MAINTAIN THE INTEGRITY OF THE SIGNS. SAFE STORAGE OF STOCKPILE AND PAYMENT FOR DAMAGE TO THE STOCKPILE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
13. ALL SIGNS AND POSTS NOT BEING RE-USED ON THIS PROJECT SHALL BE INSPECTED, STACKED AND DELIVERED TO THE OWNER (CITY OR COUNTY) BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR THE SAFE STORAGE AT THE CONSTRUCTION SITE UNTIL DELIVERY, AND THE SAFE UNLOADING OF THE SALVAGED MATERIAL. NOTIFICATION OF DELIVERY SHALL BE MADE AT LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO DELIVERY. PIMA COUNTY SIGN SHOP: PIMA COUNTY SIGN SHOP 1313 S. MISSION ROAD (520-724-2363). NO FRIDAY DELIVERIES.
14. A 3"x7" PRESSURE SENSITIVE, UV RESISTANT LABEL INDICATING THE SIGN MANUFACTURERS NAME AND DATE OF MANUFACTURE SHALL BE PLACED IN THE UPPER RIGHT CORNER OF THE BACK OF ALL SIGNS EXCEPT STREET NAME SIGNS AT THE TIME OF INSTALLATION. STREET NAME SIGNS SHALL INCLUDE A SIGN IDENTIFICATION DECAL AS SHOWN ON PIMA COUNTY SIGNING DETAIL #9-274.

PROPOSED SIGN TABLE

NUMBER	STATION	SIGN CODE	SIGN DESCRIPTION	WIDTH (IN)	HEIGHT (IN)	AREA (SQ.FT.)	POST TYPE	POST LENGTH
F1	1+49.85 LT, 47.59	R1-1	STOP SIGN, STREET SIGN	24	24	4.0	2" SQ. TUBE	12'
F2	2+00.83 LT, 47.83	R1-1	STOP SIGN, STREET SIGN	24	24	4.0	2" SQ. TUBE	12'
F3	1+38.51 RT, 44.42	R1-1	STOP SIGN, STREET SIGN	24	24	4.0	2" SQ. TUBE	12'
F4	1+89.13 RT, 44.42	R1-1	STOP SIGN, STREET SIGN	24	24	4.0	2" SQ. TUBE	12'
F5	1+48.+33.73, 23.19	R3-5	BICYCL RT. TURN, FIELD TO BIKES	30	30	10.00	2" SQ. TUBE	12'
F6	150+52.74, 34.99	R3-5R	RT. TURN ARROW	30	30	10.00	2" SQ. TUBE	12'
		R3-7R	RT. LANE MUST TURN RT.	30	30	9.00	2" SQ. TUBE	12'
F7	151+97.06, 34.78	R3-5R	RT. TURN ARROW	30	30	10.00	2" SQ. TUBE	12'
		R3-7R	RT. LANE MUST TURN RT.	30	30	9.00	2" SQ. TUBE	12'
F8	37+00.00, 33.59	W3-1	35 MPH SIGN, WHITE	24	30	7.50	2" SQ. TUBE	12'
		W1-1	DO NOT PASS	24	30	7.50	2" SQ. TUBE	12'
F9	38+88.70, 33.53	W3-1	35 MPH SIGN	24	30	7.50	2" SQ. TUBE	12'
		W1-1	DO NOT PASS	24	30	7.50	2" SQ. TUBE	12'
F10	50+33.51, 46.61	R1-1	STOP SIGN, STREET SIGN	24	24	4.0	2" SQ. TUBE	12'
F11	50+42.97, 34.64	W3-1	35 MPH SIGN	24	30	7.50	2" SQ. TUBE	12'
		W1-1	DO NOT PASS	24	30	7.50	2" SQ. TUBE	12'
F12	56+74.83, 44.54	R1-1	STOP SIGN, STREET SIGN	24	24	4.0	2" SQ. TUBE	12'





MATERIALS

1. Perforated posts shall be square tube formed from U 105 U S S steel ASTM A 569 hot rolled carbon steel. The square tube shall be welded directly in the center by high frequency resistance welding an equal. The posts shall be perfectly straight to eight inch prior to cut to length 96" to 144"
2. Perforated posts shall be galvanized to conform to ASTM A 653 Coating Designation G-90
3. Hardware shall conform to ASTM A 307 Class A
4. Hardware shall be galvanized to conform to ASTM A 153 or equivalent alloy to conform to ASTM A 153
5. Hardware shall be Class B

NOTES

1. The foundation when constructed with 2" x 2" starter sign post. Starter sign post shall be removed with concrete and replaced square tube welded and welded with butt tape
2. Foundation depth to be approved by Traffic Engineering
3. Post foundations shall be perpendicular to the roadway
4. Bolt with hot dipped galvanized to be 3/8" x 3" galvanized

PIMA COUNTY DEPARTMENT OF TRANSPORTATION
201 N. STONE AVE.
TUCSON, AZ 85701

PERRY ENGINEERING
500 WEST NETWORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-5870

STREET SIGNING DETAILS
PIMA COUNTY
W LINDA VISTA BL AND N THORNYDALE RD

DESIGN BY: KP
DRAWN BY: KP
CHECKED BY: KP
DATE: 10-05-2018
SCALE: AS SHOWN

23 of 30

P15SC00038 Rev #2
Approved 10/17/2019

KEY NOTES/DESCRIPTION

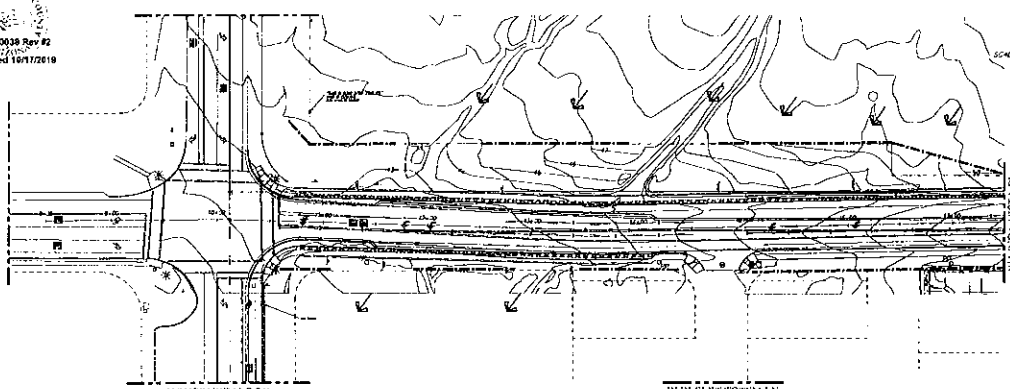
SILT FENCE OR SEDIMENT WATTLES
SEE APPENDIX "M" OF S.W.P.P.P. UNDER THIS LINE IS ALSO THE GRADING LIMITS

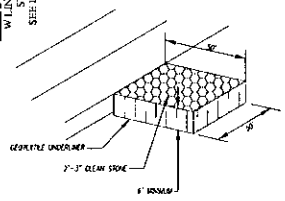
STRAW BALES. SEE APPENDIX M OF REPORT

STABILIZED CONSTRUCTION ENTRANCE
SEE DETAIL 1, THIS SHEET

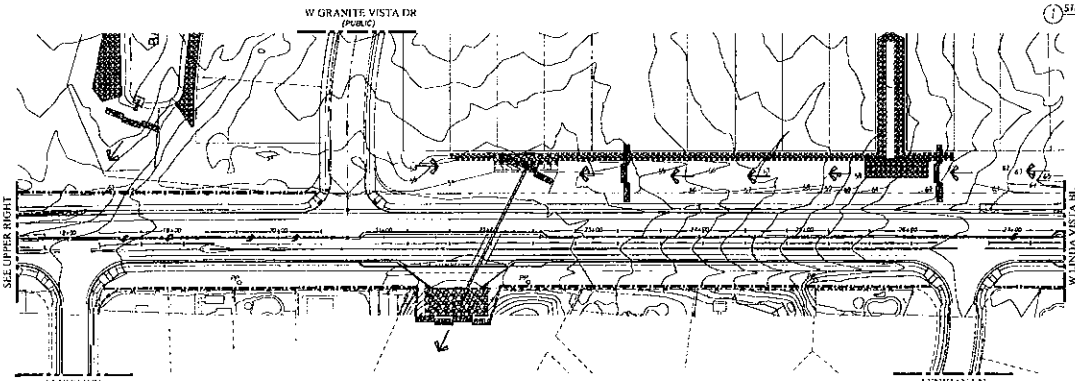
FLOW ARROW DURING CONSTRUCTION

LEGEND





1 STABILIZED CONSTRUCTION ENTRANCE
NTS



FOR REFERENCE ONLY

PIMA COUNTY
DEVELOPMENT SERVICES
PLAN NUMBER
P15SC00038
P15SC00044
P15SC00046
P15SC00047
P15TM00037
P15SC00019

SUBMITTED BY: CITY OF TUCSON
DEPARTMENT OF TRANSPORTATION
201 N. STONE AVE.
TUCSON AZ 85701

STORM WATER POLLUTION - PHASE 1
PREVENTION PLAN - STA. 8+50 - 27+50

PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

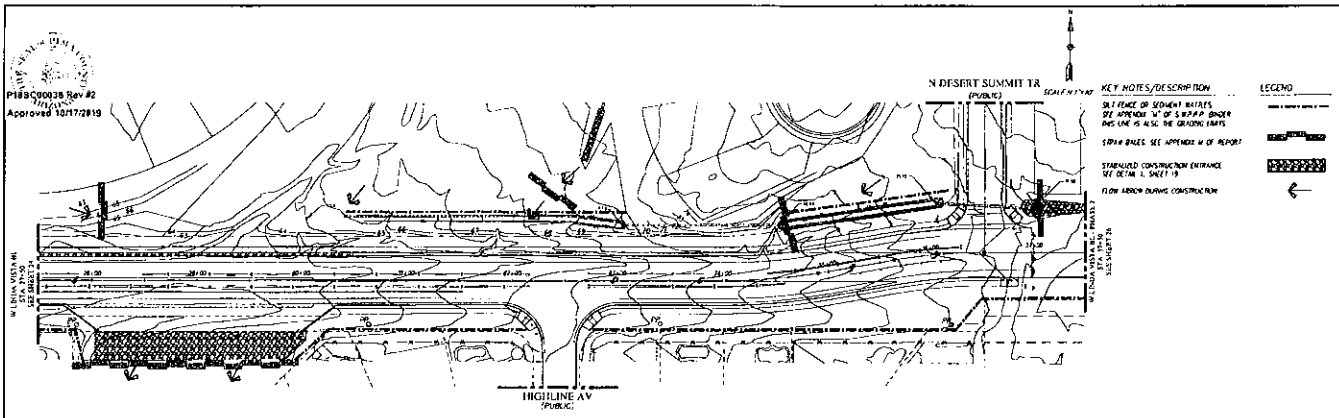
PERRY ENGINEERING
505 WEST McMORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9670

Expires 9/30/20

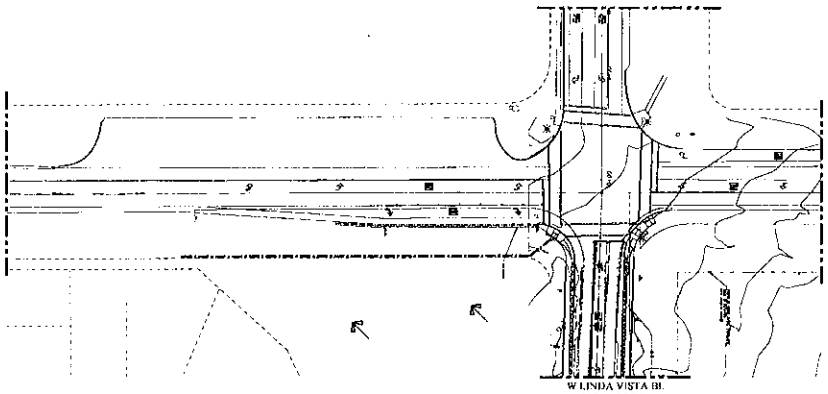
SCALE H: 20
SCALE V: 20
DRAWN BY: DB
DATE: 10-25-2018

24 of 30

P18SC00038 Rev #2
Approved 10/17/2019



W LINDA VISTA BL PUBLIC
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED



N THORNYDALE RD PUBLIC
ALL STATIONING IS ALONG THE RIGHT-OF-WAY CENTERLINE UNLESS OTHERWISE NOTED

FOR REFERENCE ONLY

PHASE 1 - STORM WATER POLLUTION PREVENTION PLAN - STA. 27+50 - 37+50
PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

PERRY ENGINEERING
565 WEST MCGHEE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9876

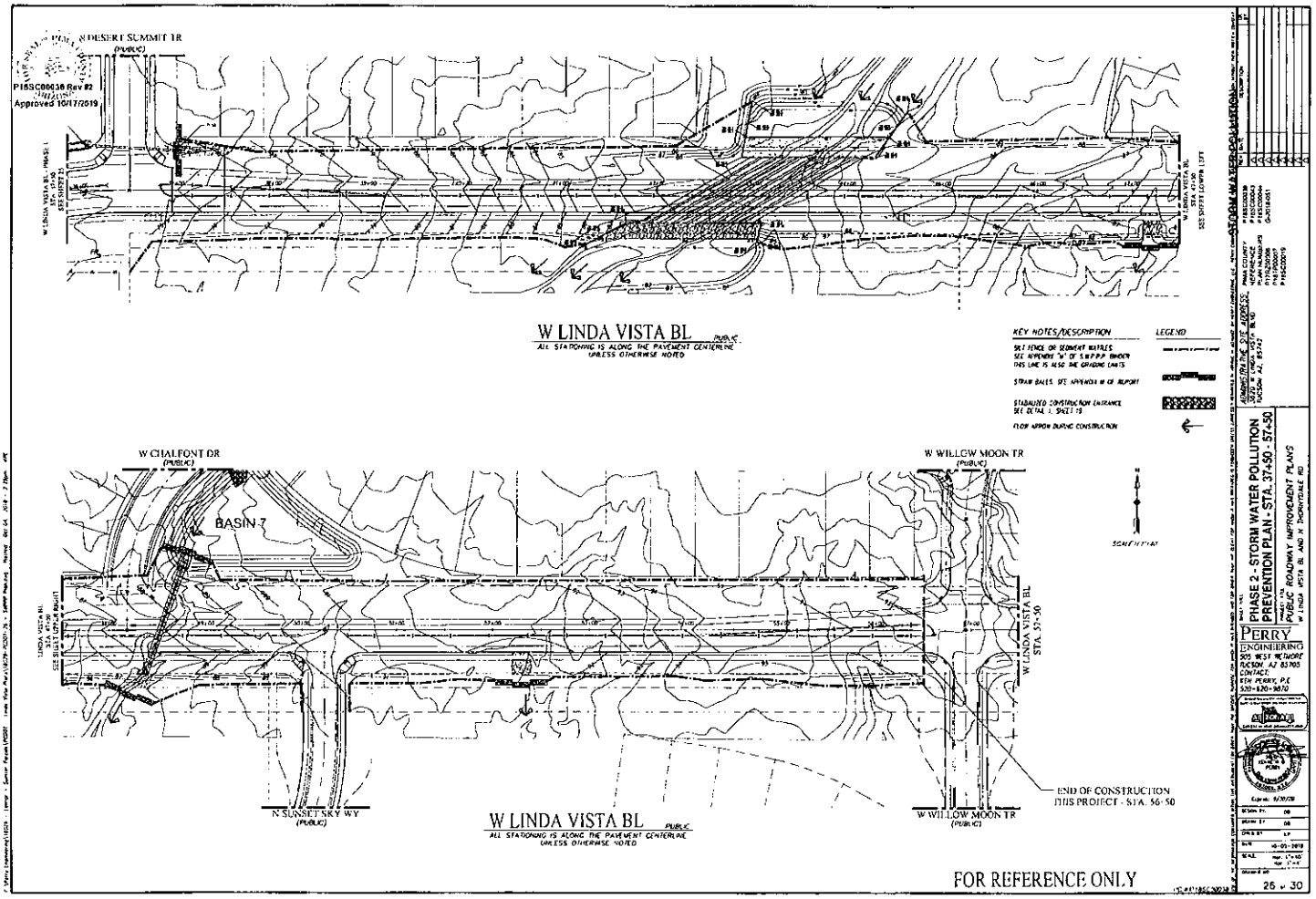
ADMINISTRATION - SITE ADDRESS
565 W McGHEE
TUCSON, AZ. 85705

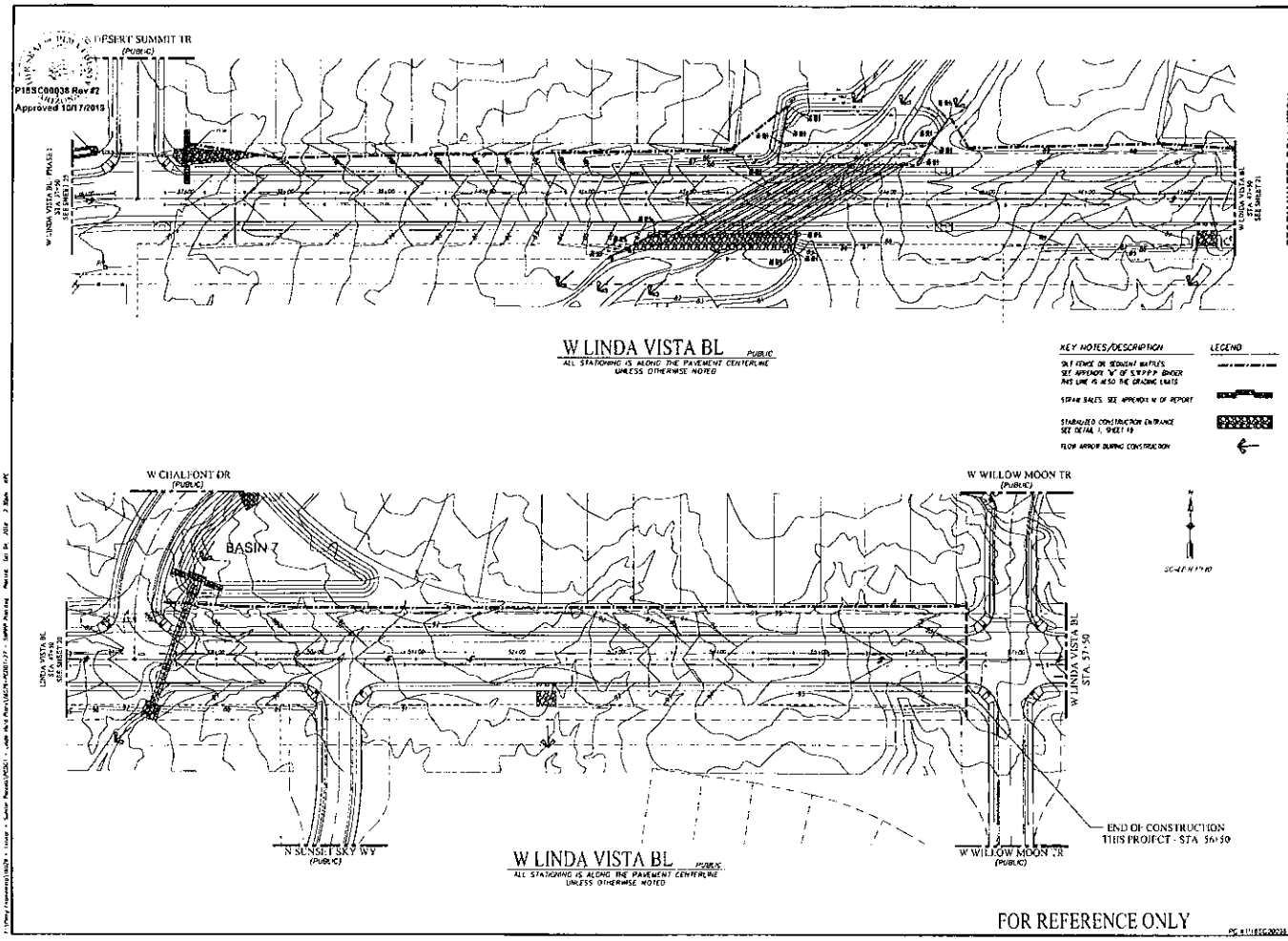
PIMA COUNTY
DEVELOPMENT
PLAN NUMBERS
P18SC00038
P18TS00028
P18SC00019

P18SC00003
P18SC00004
P18SC00041
C9-99-021

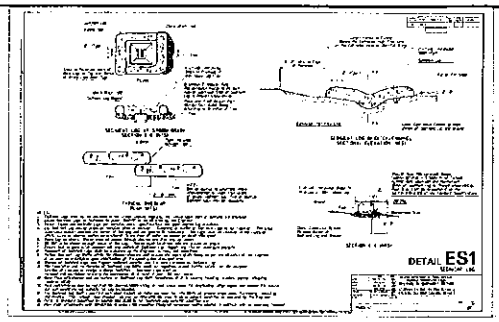
Date: 3/30/09

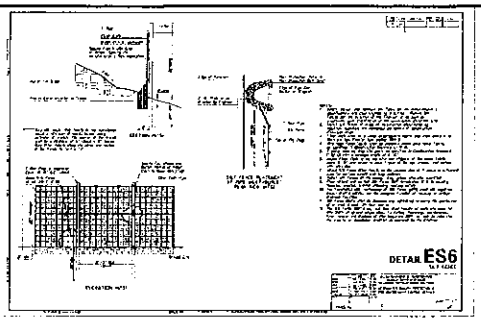
25 of 30

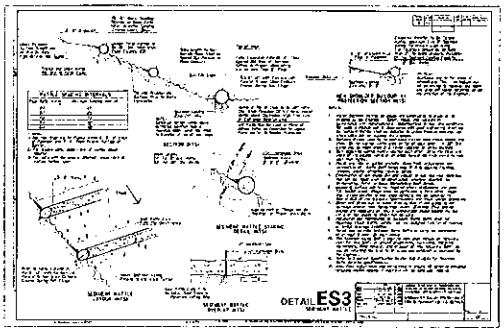

N DESERT SUMMIT TR
(PUBLIC)
P18SC00038 Rev #2
Approved 10/17/2019
W LINDA VISTA BL
(PUBLIC)
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED
KEY NOTES/DESCRIPTION
LEGEND
SEE FENCE OR SEDIMENT WATRLES
SEE APPENDIX "H" OF S.W.P.P.P. BINDER
THIS LINE IS ALSO THE GRADING LIMITS
STRAW BALES. SEE APPENDIX H OF REPORT
STABILIZED CONSTRUCTION ENTRANCE
SEE DETAIL 1, SHEET 19
FLOW APPROX DURING CONSTRUCTION
W CHALFONT DR
(PUBLIC)
W WILLOW MOON TR
(PUBLIC)
BASIN 7
W LINDA VISTA BL
STA. 57+50
N SUNSET SKY WY
(PUBLIC)
END OF CONSTRUCTION
THIS PROJECT - STA. 56+50
FOR REFERENCE ONLY
PHASE 2 - STORM WATER POLLUTION PREVENTION PLAN - STA. 37+50 - 57+50
PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD
PERRY ENGINEERING
505 WEST MONORE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9070
25 of 30

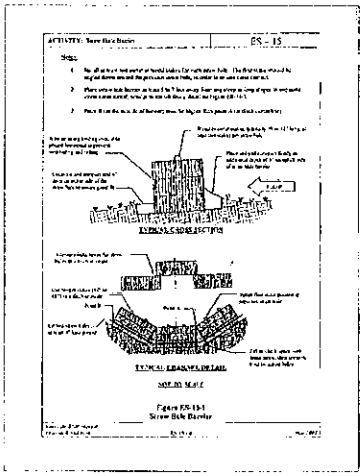

DESERT SUMMIT TR
(PUBLIC)
P15SC00038 Rev #2
Approved 10/17/2019
W LINDA VISTA BL PUBLIC
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED
KEY NOTES/DESCRIPTION
LEGEND
SILT FENCE OR SEDIMENT WATTLES
SEE APPENDIX "A" OF SWPPP BINDER
THIS LINE IS ALSO THE GRADING LIMITS
STRAW BALES. SEE APPENDIX N OF REPORT
STABILIZED CONSTRUCTION ENTRANCE
SEE DETAIL 1, SHEET 19
FLOW ARROW DURING CONSTRUCTION
W CHALFONT DR
(PUBLIC)
W WILLOW MOON TR
(PUBLIC)
BASIN 7
W LINDA VISTA BL
STA. 57+50
N SUNSET SKY WY
(PUBLIC)
W WILLOW MOON TR
(PUBLIC)
END OF CONSTRUCTION
THIS PROJECT - STA 56+50
W LINDA VISTA BL PUBLIC
ALL STATIONING IS ALONG THE PAVEMENT CENTERLINE UNLESS OTHERWISE NOTED
FOR REFERENCE ONLY
STORM WATER POLLUTION PREVENTION PLAN
PHASE 3 - STORM WATER POLLUTION PREVENTION PLAN - STA. 37+50 - 57+50
PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD
PERRY ENGINEERING
505 WEST NEBONE
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9810
27 of 30

P18SC00038 Rev #2
Approved 10/17/2019









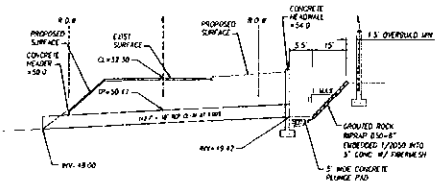
FOR REFERENCE ONLY

PERRY ENGINEERING
505 WEST MELINDA
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-670-3870

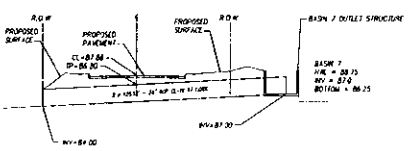
SWPPP CONSTRUCTION DETAILS
PUBLIC ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND N THORNYDALE RD

28 of 30

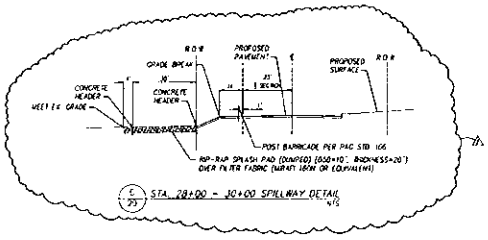
P18SC00038 Rev #2
Approved 10/17/2019



7/29 STA. 22+04.25 - 18" RCP DETAIL
N.T.S.



8/29 STA. 48+53.00 - 2x24" RCP DETAIL
N.T.S.



9/29 STA. 28+00 - 30+00 SPILLWAY DETAIL
N.T.S.

ARIZONA PUBLIC SERVICE
SAND WASH SUBSTATION
SAND WASH WSTA BLVD
TUCSON AZ, 85742

PERRY ENGINEERING
505 WEST NETWORE
TUCSON AZ 85705
CONTACT
KEN PERRY, P.E.
520-620-9810

CONSTRUCTION DETAILS

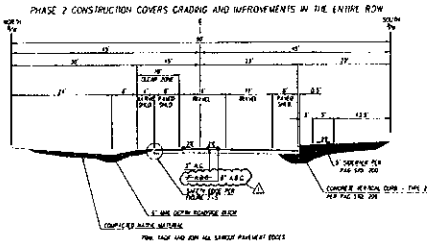
PUBLIC ROADWAY IMPROVEMENT PLANS
W. LINDA WSTA BL AND N. THORNYDALE RD

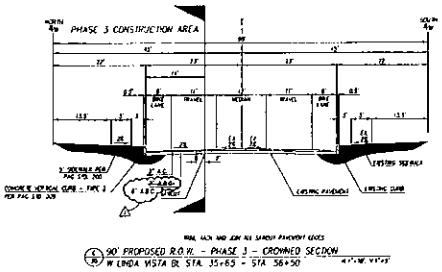
Expires 9/30/20

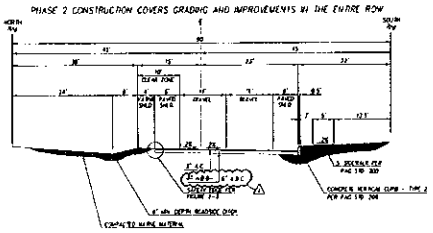
DATE 10-05-2019
SCALE AS SHOWN

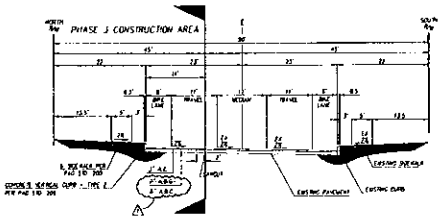
29 of 30

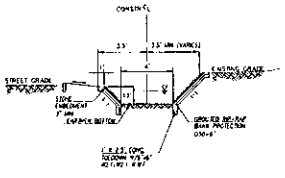
P18SC00338 Rev #2
Approved 10/17/2019

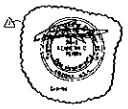












PIMA COUNTY	P18SC00338
PROJECT NAME	P18SC00004
PLAN NUMBERS	P18SC00006
PROJECT NO.	C4-P18-081
P19TP00007	
P19SC00019	

ADMINISTRATIVE SITE ADDRESS:
7000 E TANQUE VERDE BLVD
TUCSON AZ 85737

CONSTRUCTION DETAILS

PROJECT TITLE:
ROADWAY IMPROVEMENT PLANS
W LINDA VISTA BL AND W THORNYDALE RD

PERRY ENGINEERING
505 WEST NEWPORT
TUCSON, AZ 85705
CONTACT:
KEN PERRY, P.E.
520-620-9810

Expires 12/31/20

DRAWN BY	DB
DESIGNED BY	DB
CHECKED BY	JP
DATE	10-09-2019
SCALE	AS SHOWN
DRAWING NO	