

THIS PROJECT



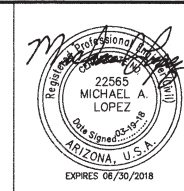
3/29/18
DATE

3/29/18
DATE



① PAVING PLAN / PROFILE SHEETS
 △ STORM DRAIN PLAN / PROFILE SHEETS
 LENGTH OF PROJECT = 8,243 LF = 1.561 MILES

PER THE CITY OF PHOENIX CITY CODE CHAPTER 2,
SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE
ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT
AS REQUIRED TO FULFILL THE OBLIGATIONS OF THE
CONTRACTOR'S CONTRACT WITH THE CITY OF PHOENIX



MAYOR
GREG STANTON

CITY MANAGER
ED ZUERCHER

CITY COUNCIL

DISTRICT NO 1.	THELDA WILLIAMS
DISTRICT NO 2.	JIM WARING
DISTRICT NO 3.	BILL GATES
DISTRICT NO 4.	LAURA PASTOR
DISTRICT NO 5.	DANIEL VALENZUELA
DISTRICT NO 6.	SAL DICICCIO
DISTRICT NO 7.	MICHAEL NOWAKOWSKI
DISTRICT NO 8.	KATE GALLEG0

1	COVER SHEET
2	LEGEND AND NOTE SHEET
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5	TYPICAL SECTIONS
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40 - 47	STORM DRAIN LINE 'C' PLAN/PROFILE SHEETS
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PROJECT NO. SI85100400

DRAWING FILE NAME, REVISION DATE

DRAWING FILE NAME, REVISION DATE

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PINNACLE PEAK ROAD

PHOENIX STREET - MARICOPA CO.

45TH AVENUE TO 35TH AVENUE

LEGEND

- | | |
|--|--|
| | BENCHMARK |
| | NEW SURVEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "B" |
| | NEW SURVEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "A" |
| | COMBINED CURB & GUTTER - M.A.G. DETAIL 220 TYPE "A" |
| | BACKFILL TYPE & SQ. YD. PVMT. REPLACEMENT - C.O.P. DETAIL P1200 |
| | EXISTING CONCRETE PAVEMENT OR SIDEWALK |
| | NEW CONCRETE SIDEWALK - STD. DETAIL P1230 |
| | NEW CONCRETE DRIVEWAY OR ALLEY ENT. PER DETAIL NO. ON PLANS |
| | NEW CONCRETE SIDEWALK RAMP PER DETAIL ON PLANS |
| | AVERAGE GROUND ELEVATION AT R/W LINE |
| | BACKFILL COMPACTION TYPE |
| | EXISTING DITCH |
| | EXISTING IRRIGATION LINE W/SIZE (NOTE PRIVATE, SALT RIVER OR R.I.D.) |
| | EXISTING IRRIGATION STRUCTURE |
| | EXISTING IRRIGATION STANDPIPE |
| | NEW IRRIGATION STANDPIPE - M.A.G. DETAIL 503 |
| | NEW IRRIGATION VALVE - M.A.G. DETAIL 506 W/ CONC. SCOURING BASIN |
| | IRRIGATION BERM |
| | NEW IRRIGATION STRUCTURE PER DETAIL ON PLANS |
| | EXISTING WATER LINE W/SIZE & TYPE (12" AND SMALLER) |
| | EXISTING WATER LINE W/SIZE & TYPE (GREATER THAN 12") |
| | ADJUST EXIST. WATER VALVE BOX - C.O.P. DETAIL P1391 |
| | WATER SERVICE W/SIZE AND WATER METER BOX |
| | EXISTING FIRE HYDRANT |
| | NEW OR RELOCATED FIRE HYDRANT BY CONTRACTOR |
| | EXISTING WATER VALVE W/TOP OF OPERATING NUT ELEVATION |
| | EXISTING SANITARY SEWER LINE W/SIZE & TYPE (12" AND SMALLER) |
| | EXISTING SANITARY SEWER LINE W/SIZE & TYPE (GREATER THAN 12") |
| | EXISTING MANHOLE |
| | NEW MANHOLE |
| | CATCH BASIN, GUTTER INLET (LENGTH TO SCALE) |
| | CATCH BASIN, CURB INLET (LENGTH TO SCALE) |
| | CATCH BASIN, CURB & GUTTER INLET (LENGTH TO SCALE) |
| | EXISTING STORM DRAIN LINE W/SIZE & TYPE (GREATER THAN 12") |
| | NEW PIPE FOR STORM DRAIN OR IRRIGATION LINE |
| | EXISTING GAS LINE W/SIZE |
| | EXISTING UNDERGROUND ELECTRIC CABLE OR SINGLE CONDUIT |
| | EXISTING UNDERGROUND ELECTRIC DUCT (SPECIFY NUMBER) |
| | EXISTING TELEPHONE BURIED CABLE OR SINGLE CONDUIT |
| | EXISTING UNDERGROUND TELEPHONE DUCT (SPECIFY NUMBER) |
| | EXISTING UNDERGROUND CABLE TV |
| | EXISTING UNDERGROUND FIBER OPTIC LINE |
| | EXISTING TRAFFIC SIGNAL POLE W/MAST ARM & SIGNAL INDICATIONS |
| | EXISTING STREET OR TRAFFIC SIGN |
| | EXISTING UTILITY POLE W/LINE INDICATING WIRE DIRECTION |
| | EXISTING WIRE FENCE |
| | EXISTING BLOCK FENCE |
| | EXISTING WOOD FENCE |
| | MAIL BOX |
| | EXISTING POWER POLE DOWN GUY ANCHOR |
| | EXISTING STREET LIGHT & POLE |
| | EXISTING STREET LIGHT & POLE TO BE RELOCATED |
| | PROPOSED STREET LIGHT & POLE |
| | EXISTING TREE OR STUMP TO BE REMOVED - MORE THAN 12" DIA. |
| | EXISTING TREE TO BE TRANSPLANTED BY CONTRACTOR |
| | EASEMENT LINE |
| | EXISTING OR NEW R/W LINE |
| | PAVEMENT CENTER LINE OR MONUMENT LINE |
| | EXISTING TREE OR STUMP TO BE REMOVED 12" DIA. OR LESS (NON PAY ITEM) |
| | EXISTING TREE TO REMAIN |
| | EDGE OF CUT SLOPE (APPROX.) |
| | EDGE OF FILL SLOPE (APPROX.) |
| | NEW CHAIN LINK FENCE |

LEGEND AND NOTES

NOTES

ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS AND DETAILS, CITY OF PHOENIX SUPPLEMENTS TO MAG STANDARD SPECIFICATIONS AND DETAILS, AND MAG STANDARD SPECIFICATIONS AND DETAILS, IN THAT ORDER OF PRECEDENCE, AT THE TIME OF CONSTRUCTION BID.

ALL STORM SEWER MANHOLES ARE TO BE CONSTRUCTED WITHOUT STEPS.

PIPE CONNECTIONS TO EXISTING CONCRETE PIPE MAINS SHALL BE MADE IN ACCORDANCE WITH DETAILS CALLED OUT ON THE PLANS. CONNECTION TO MAINS SHALL NOT BE CLOSER THAN 5', CENTER TO CENTER.

PIPE CONNECTIONS TO NEW PRECAST CONCRETE PIPE MAINS, SHALL BE MADE WITH FACTORY MADE WYES OR TEES. THE DETAIL OF THE FITTINGS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO MANUFACTURE. PIPE CONNECTIONS TO NEW CAST IN PLACE CONCRETE PIPE MAINS SHALL BE MADE PER C.O.P. DETAIL P1576.

CATCH BASIN CONNECTOR PIPES SHALL BE LAID ON A STRAIGHT ALIGNMENT AND SLOPE UNLESS OTHERWISE SPECIFIED. IF BREAKS IN ALIGNMENT OR SLOPE ARE NECESSARY TO MEET FIELD CONDITIONS, THE MAXIMUM DEFLECTION SHALL BE $22-1/2^{\circ}$. THE BEND SHALL BE COLLARED ACCORDING TO C.O.P. DETAIL P1505. ANY ANGLE BENDS GREATER THAN $22-1/2^{\circ}$ SHALL BE PREFABRICATED.

CONNECTOR PIPES SHALL CONNECT TO CATCH BASIN WALLS AT AN ANGLE NOT TO EXCEED $22\frac{1}{2}^{\circ}$ FROM PERPENDICULAR.

FACILITIES WHICH ARE NOT SPECIFICALLY LOCATED WITH ACTUAL VERTICAL AND HORIZONTAL CONTROLS, ARE LOCATED ONLY APPROXIMATELY AND TO THE BEST AVAILABLE INFORMATION PROVIDED BY VARIOUS OWNERS OF THE FACILITIES, AND SUPPLEMENTED BY VISUAL SURFACE INFORMATION WHERE APPROPRIATE. ACCURACY, LOCATION AND COMPLETENESS OF THIS INFORMATION SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO INITIATION OF CONSTRUCTION.

AT LEAST TWO WORKING DAYS BEFORE CONSTRUCTION, THE CONTRACTOR SHALL CONTACT BLUESTAKE TO FIND AND FLAG UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT OTHER APPROPRIATE UTILITIES DIRECTLY IF THEY ARE NOT ON BLUESTAKE SYSTEM.

VERTICAL CONTROL IS BASED ON NATIONAL GEODETIC SURVEY.

UNLESS OTHERWISE NOTED, STATIONS SHOWN ON PIPE PROFILES ARE
ALONG CENTERLINE OF PIPE.

UNLESS OTHERWISE NOTED, PIPE SHALL BE BEDDED IN ACCORDANCE WITH CITY OF PHOENIX DETAIL P1200.

CATCH BASINS ARE STATIONED PERPENDICULAR TO THE CENTERLINE OF THE STREET AT THE CENTERLINE OF THE MAINTENANCE BASIN.

SANITARY SEWER MAINS AND TAPS CROSSING OVER STORM DRAIN MAINS SHALL BE SUPPORTED PER M.A.G. DETAIL 403-1, 403-2, OR 403-3.

ALL EXISTING PRECAST CONCRETE SAFETY CURBS AND ALL EXISTING WOODEN PARKING CURBS, WHICH ARE INSIDE THE RIGHT OF WAY AND APPROXIMATELY PARALLEL TO THE NEW CURB LINE, SHALL BE RESET ON THE RIGHT OF WAY DIRECTLY OPPOSITE THEIR EXISTING LOCATION, WITH THE BACK EDGE ON THE RIGHT OF WAY LINE. ALL OTHER PRECAST CONCRETE SAFETY CURBS INSIDE THE STREET RIGHT OF WAY SHALL BE SALVAGED AND STOCK PILED FOR THE OWNER AT THE RIGHT OF WAY LINE.

EXISTING PRECAST CONCRETE SAFETY CURBS OUTSIDE THE RIGHT OF WAY, WHICH ARE DISTURBED BY NEW CONSTRUCTION SHALL BE RESET IN THEIR ORIGINAL POSITION BY THE CONTRACTOR.

ALL EXISTING DRIVEWAYS AND ALL EXISTING ALLEYS SHALL BE GRADED TO MATCH THE NEW WORK IN ACCORDANCE WITH STD. DETAIL P1164, UNLESS OTHERWISE SPECIFIED. EXISTING SURFACING SHALL BE REMOVED AND REPLACED AS NECESSARY.

UNLESS OTHERWISE PROVIDED ON THE PLANS:

- THE SPACE BETWEEN THE BACK OF NEW DRIVEWAY ENTRANCES AND EXISTING A.C. DRIVEWAYS SHALL BE FILLED WITH A MINIMUM OF 3" A.C.S.C. ON 100% COMPACTED NATIVE SOIL. WHERE EXISTING PAVEMENT AND BASE THICKNESS EXCEED THE MINIMUMS, MATCH THE EXISTING.
- THE SPACE BETWEEN THE BACK OF NEW SIDEWALKS AND EXISTING PRIVATE SIDEWALKS, AND THE SPACE BETWEEN THE BACK OF NEW DRIVEWAY ENTRANCES AND EXISTING P.C.C. DRIVEWAYS SHALL BE FILLED WITH P.C.C.. THE THICKNESS AND CLASS SHALL MATCH THAT OF THE NEW SIDEWALK OR DRIVEWAY ENTRANCE.
- THE SPACE BETWEEN THE BACK OF THE NEW SIDEWALKS, AND EXISTING A.C. PARKING LOTS, WHICH FALL WITHIN OR ABOUT THE R/W SHALL BE FILLED WITH 2" A.C.S.C. ON 100% COMPACTED NATIVE SOIL.

EXISTING IRRIGATION BERMS DISTURBED BY NEW CONSTRUCTION SHALL BE RECONSTRUCTED AS SHOWN ON PLANS.

STRUCTURAL NOTES

"CLEAR" DIMENSIONS FOR DEPTH OF REINFORCING STEEL ARE FROM FACE OF CONCRETE TO FACE OF BARS.

ALL EXPOSED EDGES OF CONCRETE SHALL BE BEVELED OR ROUNDED.

ALL EXPOSED CONCRETE SURFACES SHALL BE FINISHED IN ACCORDANCE WITH ARIZONA DEPT. OF TRANSPORTATION STANDARD SPECIFICATION 601-3.05 - FINISHING CONCRETE, UNLESS OTHERWISE SPECIFIED.


THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY GENERAL NOTES

1. ALL CONSTRUCTION WITHIN FLOOD CONTROL DISTRICT (DISTRICT RIGHTS-OF-WAY JURISDICTION SHALL CONFORM TO THE LATEST DISTRICT STANDARDS AND SPECIFICATIONS AS PUBLISHED ON THE DISTRICT'S WEB SITE.
2. CONTRACTOR MUST OBTAIN NECESSARY DISTRICT PERMIT PRIOR TO COMMENCEMENT OF CONSTRUCTION WITHIN DISTRICT RIGHT-OF-WAY AND MAINTAIN A COPY OF THE PERMIT ON THE PROJECT SITE AT ALL TIMES.
3. NOTIFY THE DISTRICT'S PERMITS INSPECTOR AT 602-525-7913 OR IF WORKING AT A DISTRICT DAM CALL 602-506-4722 AT LEAST 48 HRS PRIOR TO ANY WORK BEING PERFORMED IN THE DISTRICT'S RIGHTS-OF-WAY.
4. CONTRACTOR PERFORMING EXCAVATION OPERATIONS IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND UTILITIES.
5. ANY DAMAGE TO DISTRICT'S STRUCTURES, EQUIPMENT, MATERIALS, VEGETATION, AND/OR PROPERTY SHALL BE REPLACED AND/OR REPAIRED IN-KIND TO THE SATISFACTION OF THE DISTRICT.
6. IN THE EVENT THE TERMS AND CONDITIONS IN THE DISTRICT'S PERMIT ARE NOT CONSISTENT WITH THE DISTRICT-APPROVED PLANS, THE DISTRICT'S PERMIT WILL HAVE PRIORITY.
7. IN ORDER TO CLOSE THE DISTRICT'S PERMIT AND RELEASE BONDS, THE WORK ON THE PROJECT SITE WILL HAVE TO BE COMPLETE AS DETERMINED BY THE DISTRICT'S INSPECTOR, CERTIFIED AS-BUILT PLANS ALONG WITH REQUIRED QUALITY ASSURANCE TESTS WILL HAVE TO BE PROVIDED AND ACCEPTED BY THE DISTRICT, AND ALL EASEMENTS REQUIRED BY THE PROJECT RECORDED.

SYMBOLS

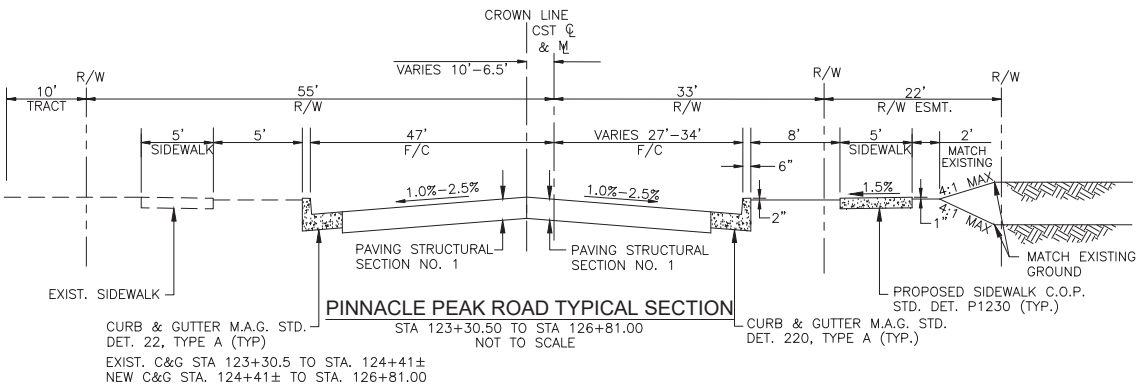
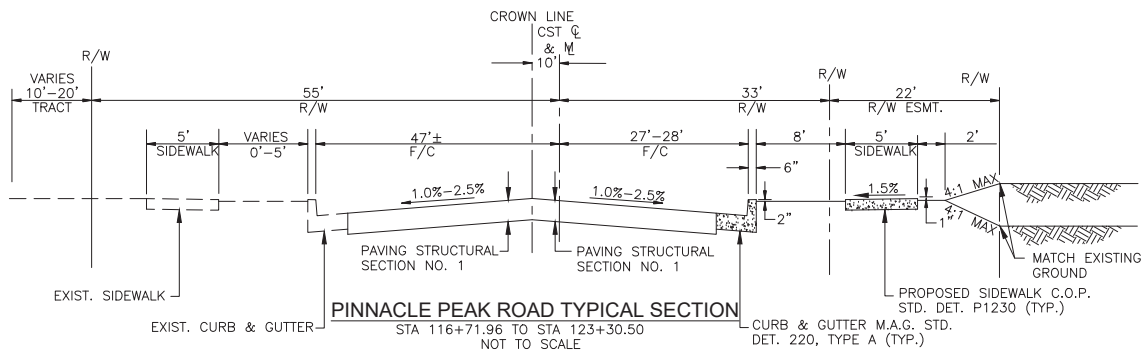
- | | |
|--------------------|------------------------------------|
| <div>S</div> | SAWCUT AND MATCH EXISTING |
| <div>M</div> | MATCH EXISTING |
| —— 12" DIP FM-A —— | 12" DIP SEWER FORCE MAIN ABANDONED |
| ICV | IRRIGATION CONTROL VALVE |
| BBW | BARBED WIRE FENCE |
| CLF | CHAIN LINK FENCE |
| TCE | TEMPORARY CONSTRUCTION EASEMENT |
| <div>O</div> | ADJUST OR RELOCATE BY OWNER |



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	ST85100400	2	121	
03/18 DATE			STANLEY CONSULTANTS INC. CONSULTING ENGINEER		
DESIGN: IAM		DRAWN: IAM		CHECKED: MAL	
<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>Contact Arizona 811 at least two full working days before you begin excavation</p>  <p>Call 811 or click Arizona811.com</p> </div> <p>"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."</p>					
LEGEND AND NOTES					
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT					
PINNACLE PEAK ROAD 45TH AVENUE TO 35TH AVENUE ST85100400					
DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18	2	121	
SCALE: N.T.S.			2	121	

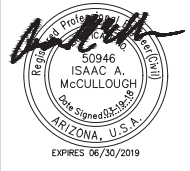
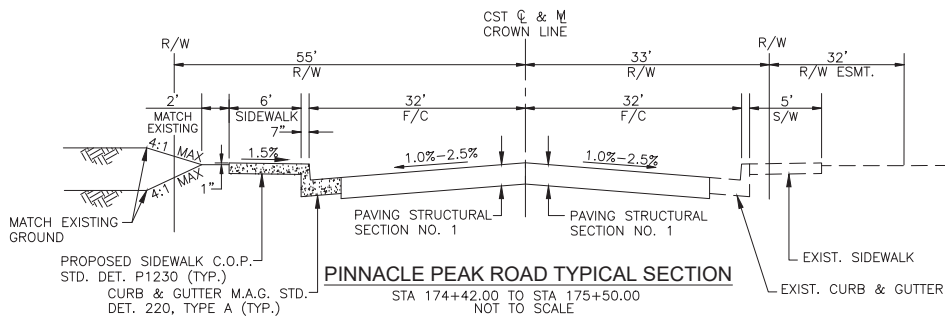
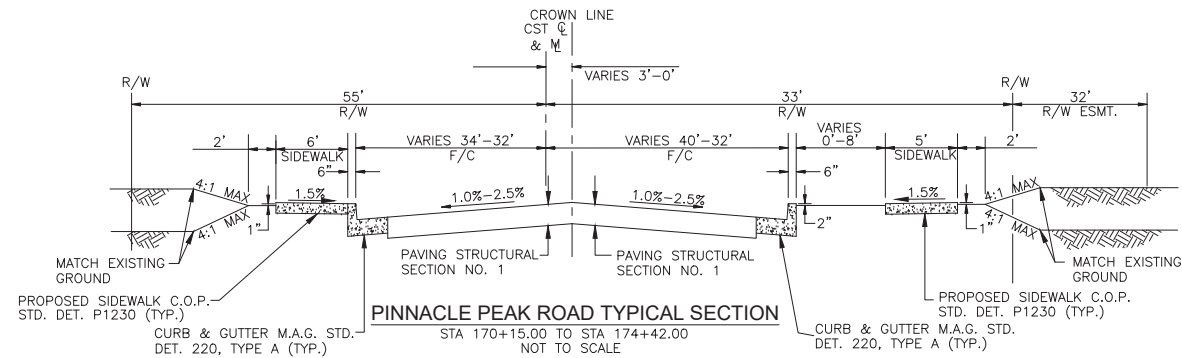
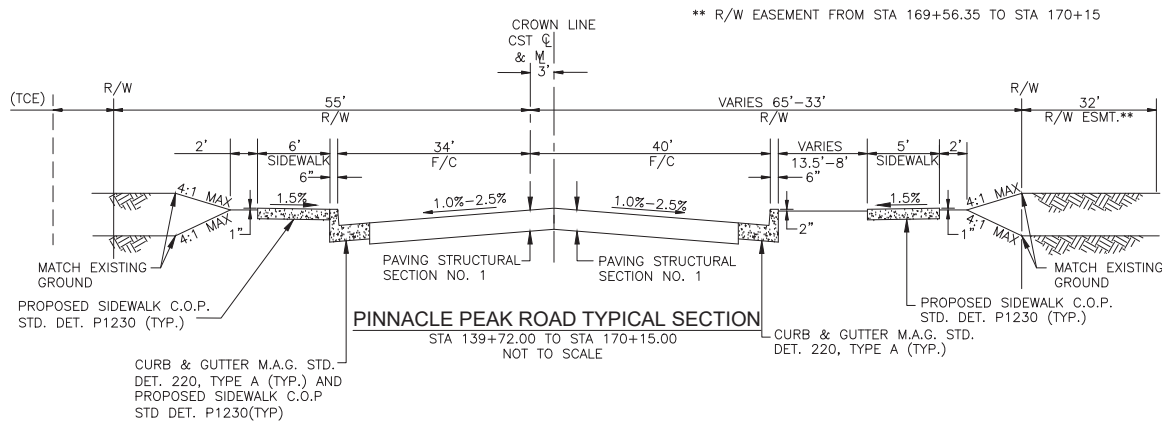
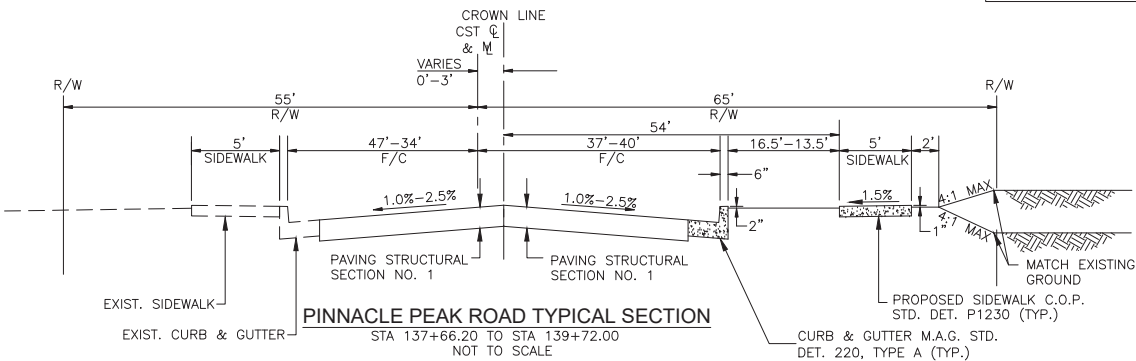
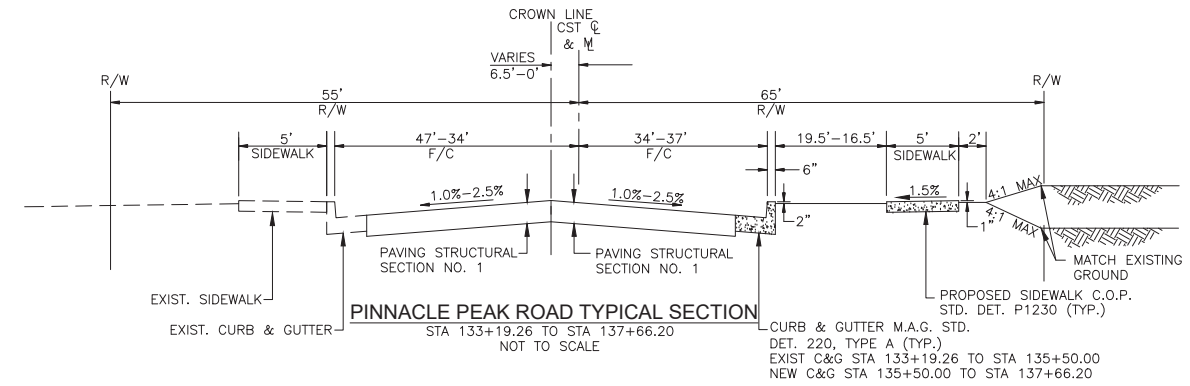
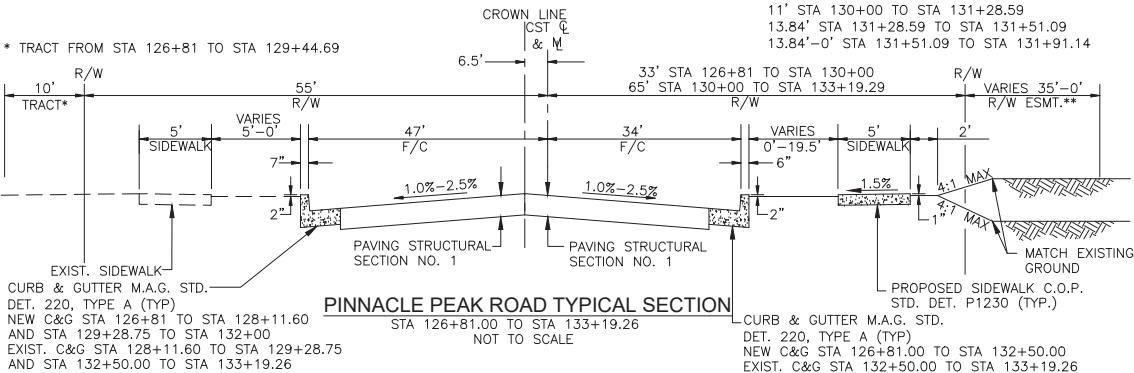
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PINNACLE PEAK ROAD
PHOENIX STREET - MARICOPA CO.
45TH AVENUE TO 35TH AVENUE



** EXISTING R/W EASEMENT 22' STA 126+81 TO STA 129+24.14
22'-43' STA 129+24.14 TO STA 129+44.69
43' STA 129+44.69 TO STA 130+00
11' STA 130+00 TO STA 131+28.59
13.84' STA 131+28.59 TO STA 131+51.09
13.84'-0' STA 131+51.09 TO STA 131+91.14

* TRACT FROM STA 126+81 TO STA 129+44.69



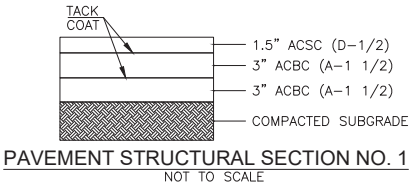
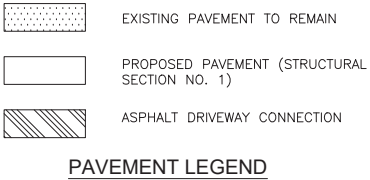
F.H.R.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	ST85100400	5	121	
<u>03/18</u> DATE		STANLEY CONSULTANTS INC. CONSULTING ENGINEER			
DESIGN: IAM		DRAWN: IAM		CHECKED: MAL	

DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18			
SCALE: N.T.S.			5	121	

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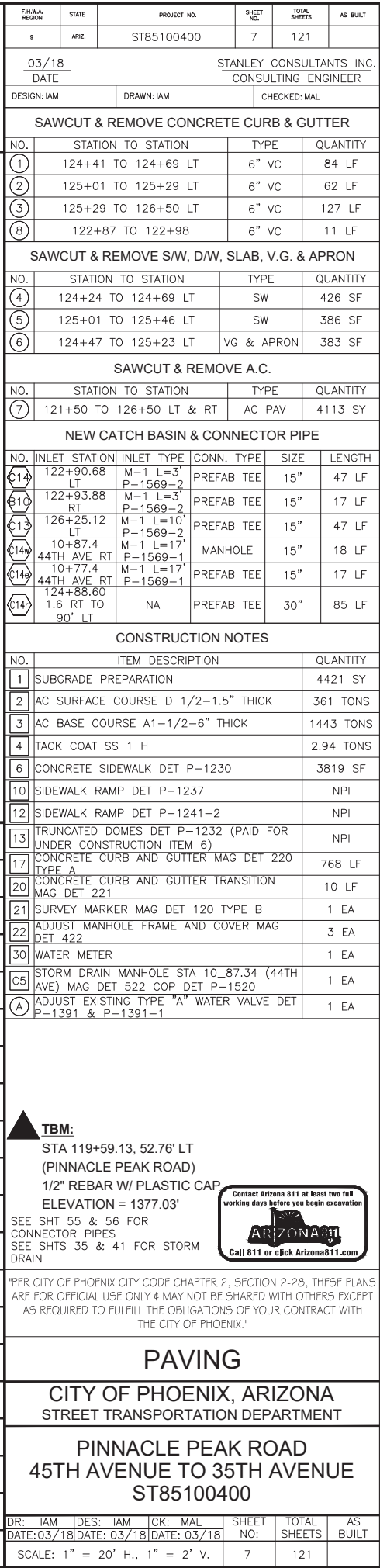
TYPICAL SECTIONS

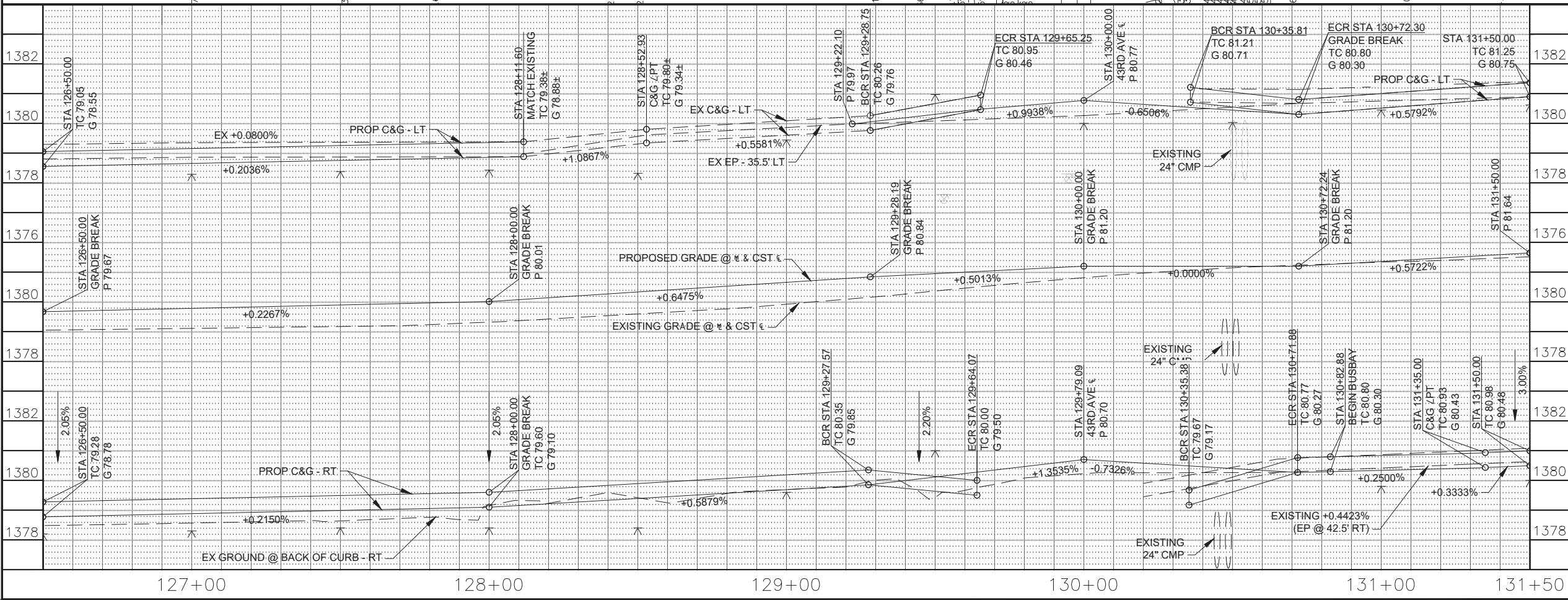
PINNACLE PEAK ROAD
45TH AVENUE TO 35TH AVENUE
ST85100400





NO.					


1380	
1378	
1376	
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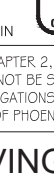
FHAJIA REGION		STATE		PROJECT NO.		SHEET NO.		TOTAL SHEETS		AS BUILT	
9		ARIZ.		ST85100400		8		121			
03/18 DATE				STANLEY CONSULTANTS INC. CONSULTING ENGINEER							
DESIGN: IAM				DRAWN: IAM				CHECKED: MAL			
SAWCUT & REMOVE CONCRETE CURB & GUTTER											
NO.		STATION TO STATION				TYPE		QUANTITY			
(1)		126+50 TO 128+12 LT				6" VC		162 LF			
(2)		129+27 TO 129+66 LT				6" VC		55 LF			
(3)		130+36 TO 131+50 LT				6" VC		133 LF			
(4)		130+20 TO 131+50 RT				6" VC		157 LF			
SAWCUT & REMOVE S/W, D/W, SLAB, V.G. & APRON											
NO.		STATION TO STATION				TYPE		QUANTITY			
(5)		129+28 TO 129+66 LT				SW		521 LF			
(6)		130+36 TO 131+50 LT				SW		727 SF			
(7)		130+18 TO 130+65 RT				SW		331 SF			
(13)		129+28 TO 129+63				SLAB		273 SF			
SAWCUT & REMOVE A.C.											
NO.		STATION TO STATION				TYPE		QUANTITY			
(8)		127+00 TO 131+50 LT & RT				AC PAV		4756 SY			
REMOVE PIPE, BACKFILL & COMPACT											
NO.		STATION TO STATION				DESCRIPTION		QUANTITY			
(11)		130+43 TO 130+55 RT & LT				24" CMP		264 LF			
REMOVE STRUCTURE, BACKFILL & COMPACT											
NO.		STATION TO STATION				DESCRIPTION		QUANTITY			
(10)		130+81 TO 130+98 LT				SCUPPER		1 EA			
(12)		130+40 TO 130+59 RT & LT				CONCRETE HEADWALL		2 EA			
NEW CATCH BASIN & CONNECTOR PIPE											
NO.		INLET STATION		INLET TYPE		CONN. TYPE		SIZE		LENGTH	
(B9)		126+93.94 RT		M-1 L=3' P-1569-2		PREFAB TEE		15"		24 LF	
(B8)		130+86.10 RT		M-1 L=3' P-1569-2		PREFAB TEE		15"		24 LF	
(B7)		130+76.50 LT		M-1 L=3' P-1569-1		PREFAB TEE		15"		56 LF	
CONSTRUCTION NOTES											
NO.		ITEM DESCRIPTION								QUANTITY	
[1]		SUBGRADE PREPARATION								5231 SY	
[2]		AC SURFACE COURSE D 1/2-1.5" THICK								427 TONS	
[3]		AC BASE COURSE A1-1/2-6" THICK								1707 TONS	
[4]		TACK COAT SS 1 H								3.48 TONS	
[6]		CONCRETE SIDEWALK DET P-1230								5338 SF	
[11]		SIDEWALK RAMP DET P-1238-1 MOD								NPI	
[13]		TRUNCATED DOMES DET P-1232 (PAID FOR UNDER CONSTRUCTION ITEM 6)								NPI	
[15]		CONCRETE BUS BAY PAVEMENT DETAIL P-1256-2 9" THICK								354 SF	
[17]		CONCRETE CURB AND GUTTER MAG DET 220 TYPE A								682 LF	
[22]		ADJUST MANHOLE FRAME AND COVER MAG DET 422								2 EA	
[29]		ADJUST SURVEY MONUMENT HANDHOLE FRAME AND COVER DET P-1270								1 EA	
[36]		ABANDON MANHOLE IN PLACE REMOVE FRAME, COVER AND CONE								1 EA	
(A)		ADJUST EXISTING TYPE "A" WATER VALVE DET P-1391 & P-1391-1								5 EA	
<div><div>B.T.M.</div><div>STA 129+37.98, 93.23' LT (PINNACLE PEAK ROAD) REBAR W/ PLASTIC CAP ELEVATION = 1381.41'</div><div>SEE SHT 56 FOR CONNECTOR PIPES SEE SHTS 33 & 42 FOR STORM DRAIN</div></div> <div><div>Contact Arizona 811 at least two full working days before you begin excavation</div><div>ARIZONA 811</div><div>Call 811 or click Arizona811.com</div></div>											
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PINNACLE PEAK ROAD 45TH AVENUE TO 35TH AVENUE ST85100400											
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SCALE: 1" = 20' H., 1" = 2' V.						8		121			

PHOENIX		
REV BY	CKD BY	DATE



TBM:

STA 135+65.86, 54.31' LT
(PINNACLE PEAK ROAD)
1/2" REBAR W/ PLASTIC CAP
ELEVATION = 1383.76'



SEE SHT 57 FOR CONNECTOR
PIPES
SEE SHTS 37 FOR STORM DRAIN

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PAVING

CITY OF PHOENIX, ARIZONA

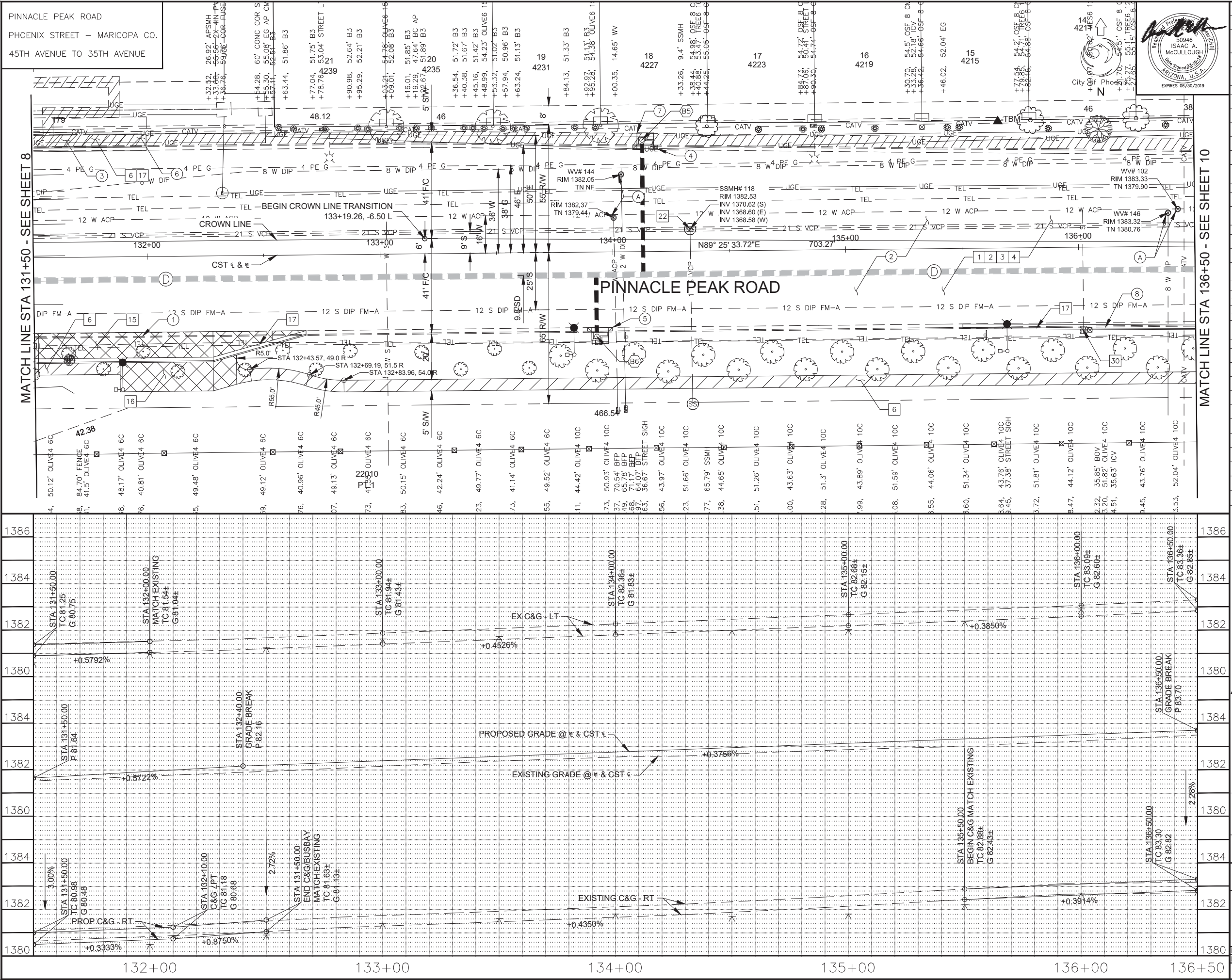
STREET TRANSPORTATION DEPARTMENT

PINNACLE PEAK ROAD

45TH AVENUE TO 35TH AVENUE

ST85100400

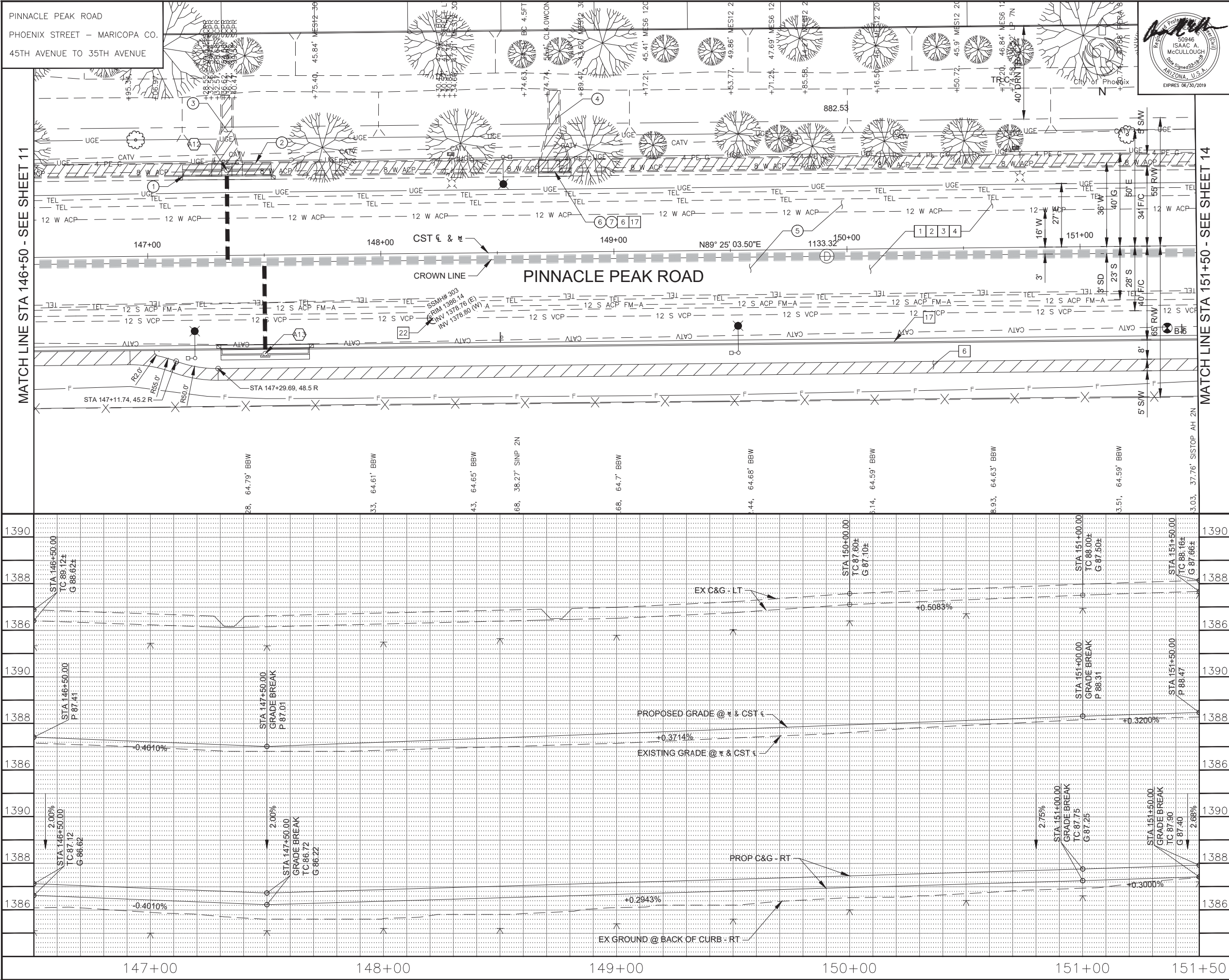
DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18	9	121	
SCALE: 1" = 20' H., 1" = 2' V.					




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REVISION BY CITY OF PHOENIX			
NO.	DESCRIPTION	REV BY	CHKD BY DATE

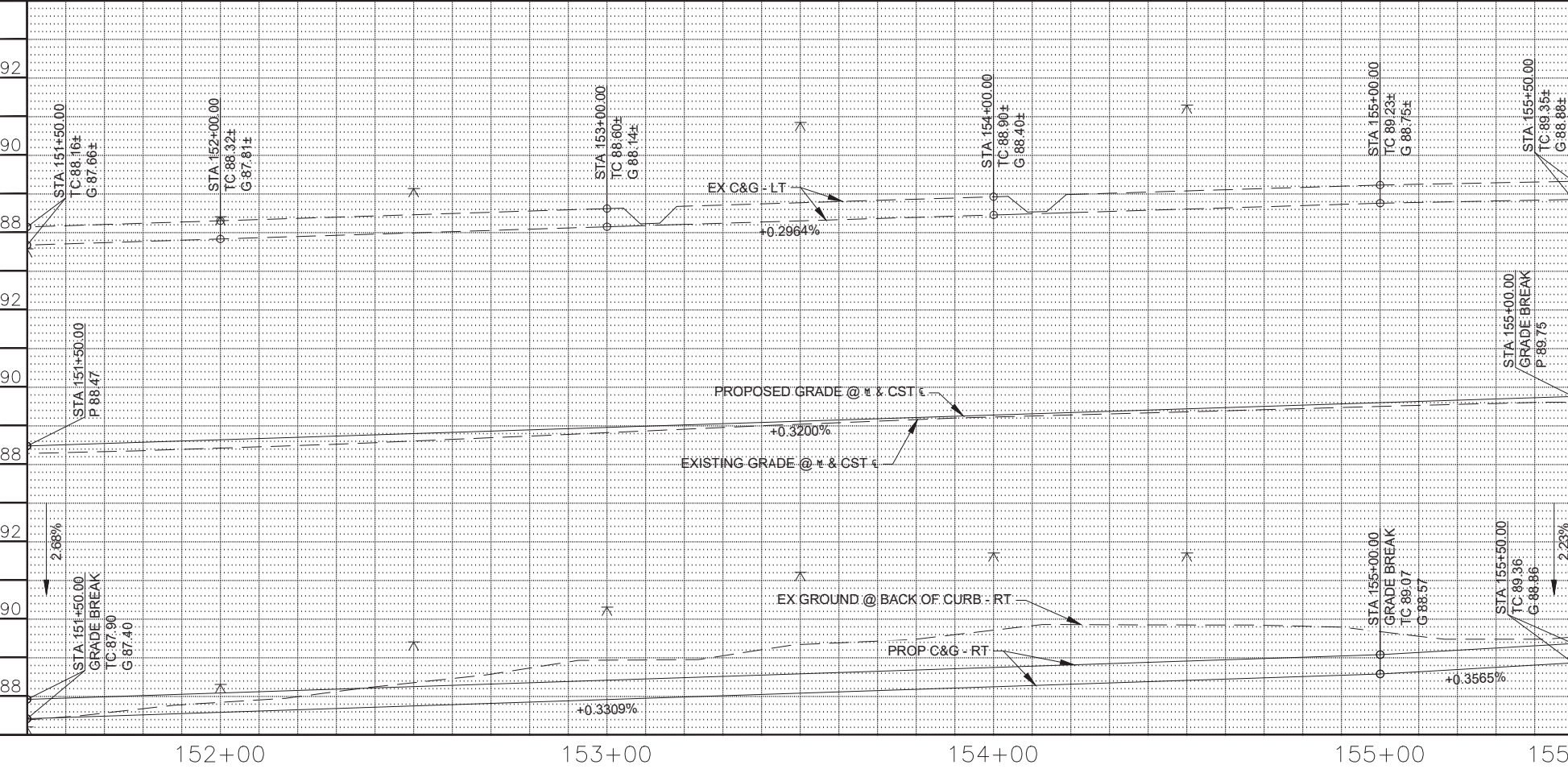
REVISION BY CITY OF PHOENIX			
NO.	DESCRIPTION	REV BY	CHKD BY DATE



F.H.R.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	ST85100400	13	121	
03/18 DATE			STANLEY CONSULTANTS INC. CONSULTING ENGINEER		
DESIGN: IAM		DRAWN: IAM		CHECKED: MAL	
SAWCUT & REMOVE CONCRETE CURB & GUTTER					
NO.	STATION TO STATION		TYPE	QUANTITY	
①	147+13 TO 147+55.06 LT		6" VC	42 LF	
⑥	148+68 TO 148+82 LT		6" VC	14 LF	
SAWCUT & REMOVE S/W, D/W, SLAB, V.G. & APRON					
NO.	STATION TO STATION		TYPE	QUANTITY	
②	147+13 TO 147+55.60 LT		S/W	209 SF	
③	147+26 TO 147+42 LT		SPILLWAY	215 SF	
④	148+68 TO 148+81 LT		SPILLWAY	217 SF	
⑦	148+66.70 TO 148+82.70 LT		S/W	70 SF	
SAWCUT & REMOVE A.C.					
NO.	STATION TO STATION		TYPE	QUANTITY	
⑤	146+50 TO 151+50 LT & RT		AC PAV	3203 SY	
NEW CATCH BASIN & CONNECTOR PIPE					
NO.	INLET STATION	INLET TYPE	CONN. TYPE	SIZE	LENGTH
A12	147+34.3 LT	M-2 L=17' P-1569-1	PREFAB TEE	15"	36 LF
A13	147+50 RT	M-2 L=17' P-1569-2	PREFAB TEE	15"	36 LF
CONSTRUCTION NOTES					
NO.	ITEM DESCRIPTION				QUANTITY
1	SUBGRADE PREPARATION				3945 SY
2	AC SURFACE COURSE D 1/2-1.5" THICK				322 TONS
3	AC BASE COURSE A1-1/2-6" THICK				1287 TONS
4	TACK COAT SS 1 H				2.63 TONS
6	CONCRETE SIDEWALK DET P-1230				2631 SF
17	CONCRETE CURB AND GUTTER MAG DET 220 TYPE A				514 LF
22	ADJUST MANHOLE FRAME AND COVER MAG DET 422				1 EA
 <p>TBM: STA 145+54.87, 91.42' LT (PINNACLE PEAK ROAD) 1/2" REBAR W/ PLASTIC CAP ELEVATION = 1387.16</p> <p>SEE SHT 58 FOR CONNECTOR PIPES SEE SHT 49 FOR STORM DRAIN</p> <p>*PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX.*</p>					
PAVING					
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT					
PINNACLE PEAK ROAD 45TH AVENUE TO 35TH AVENUE ST85100400					
DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18			DATE: 03/18	DATE: 03/18	
SCALE: 1" = 20' H., 1" = 2' V.			13	121	

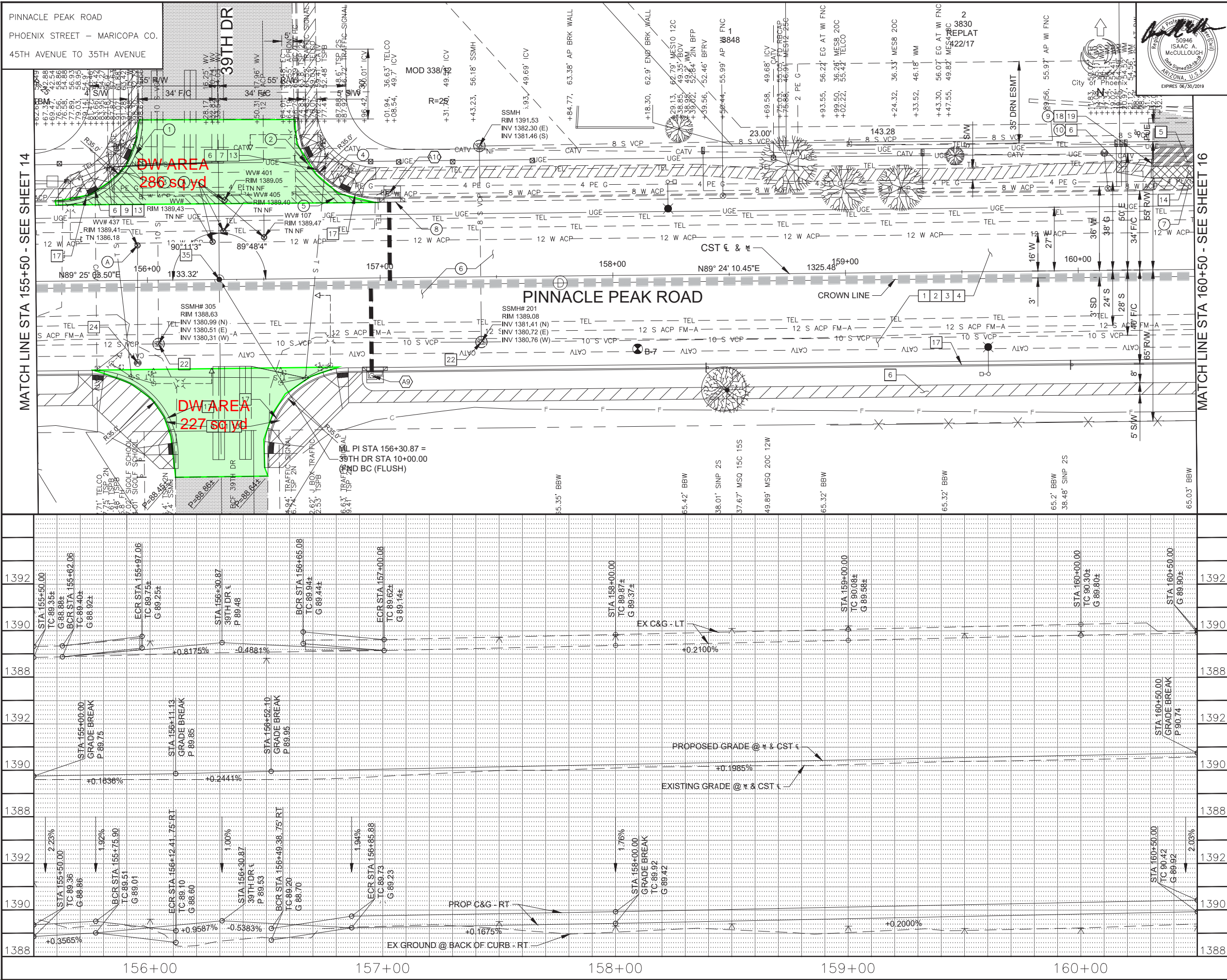
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MATCH LINE STA 151+50 - SEE SHEET 13

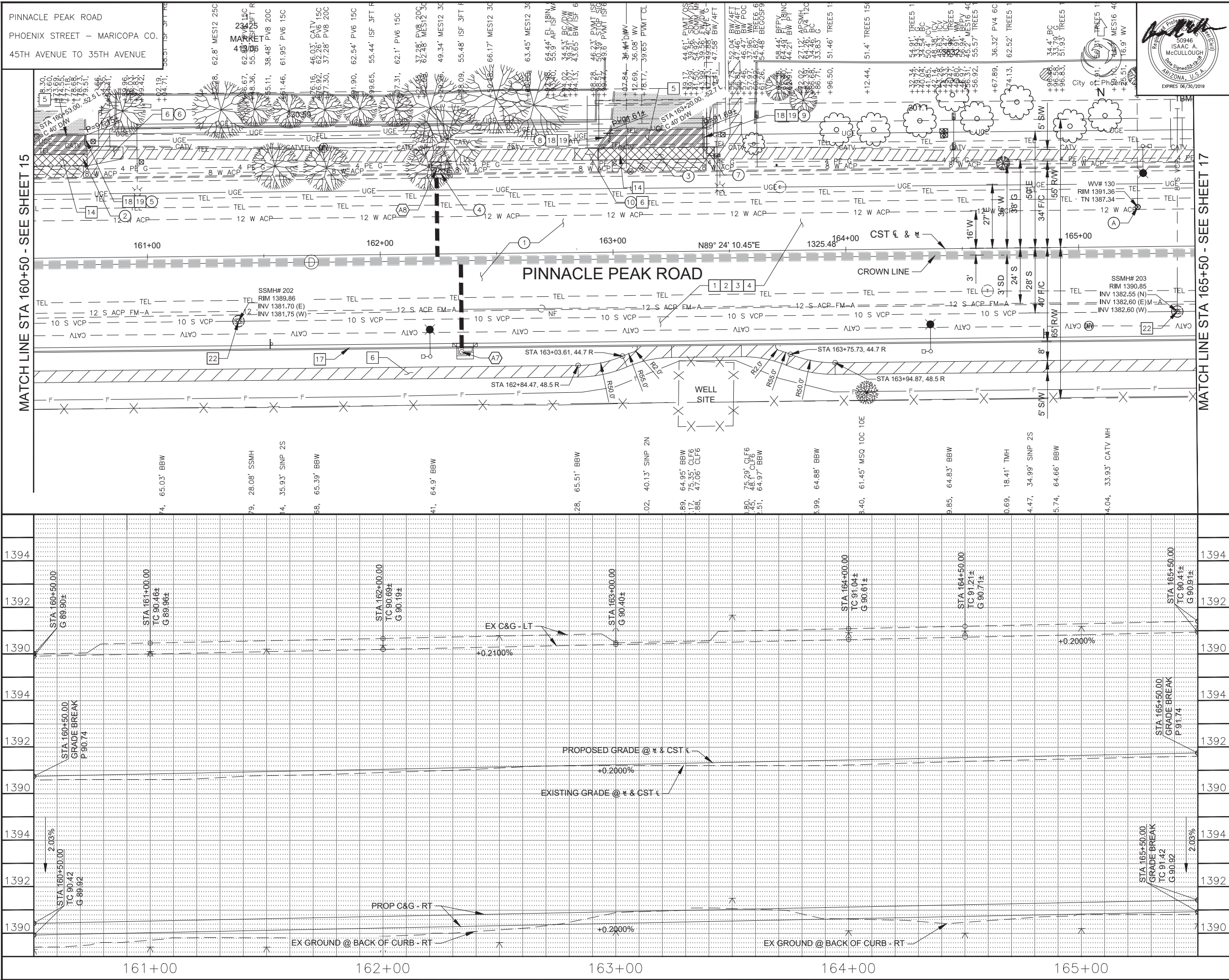



Professional Engineer Seal for Isaac A. McCullough, State of Arizona, License No. 50946, expires 06/30/2019.

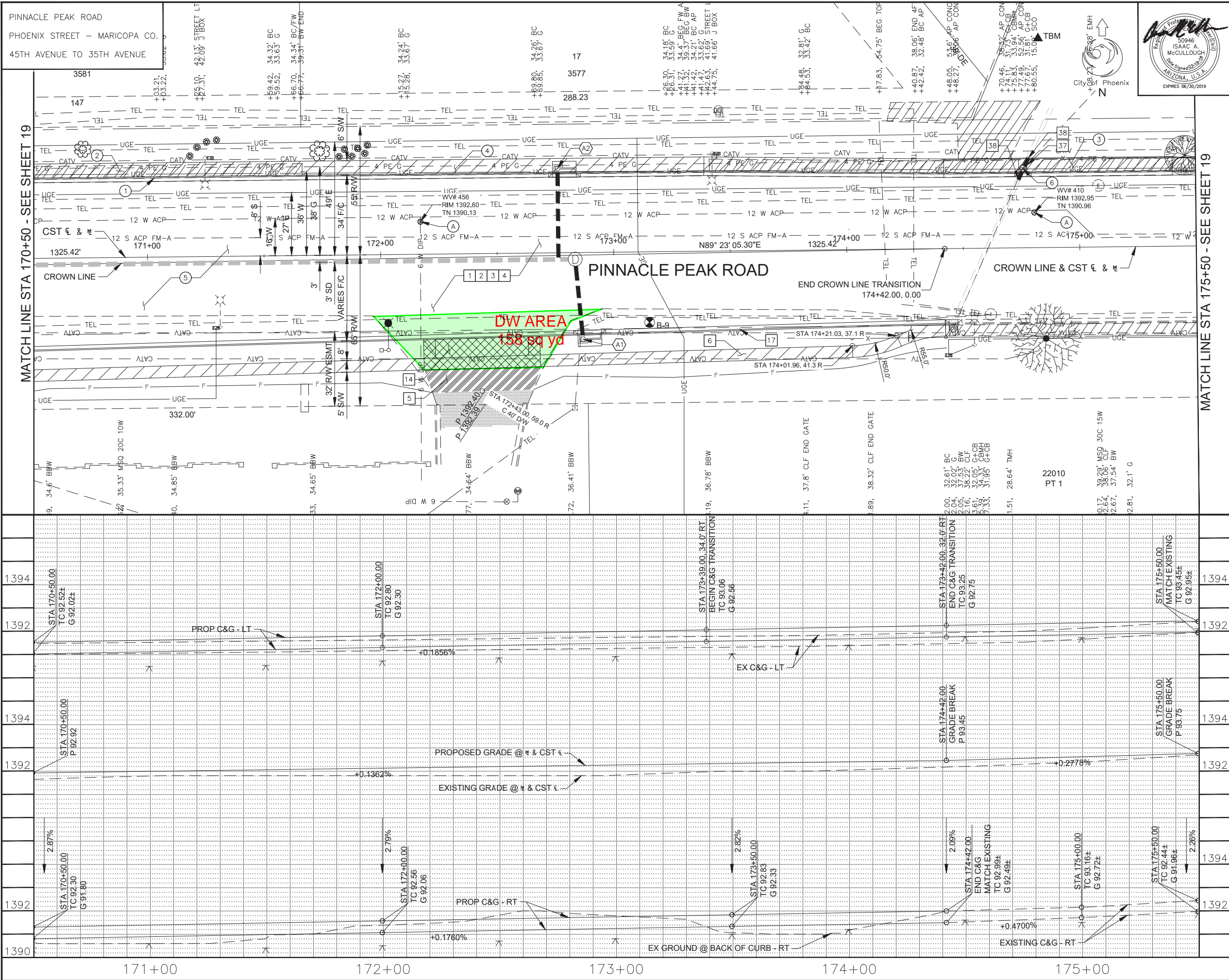
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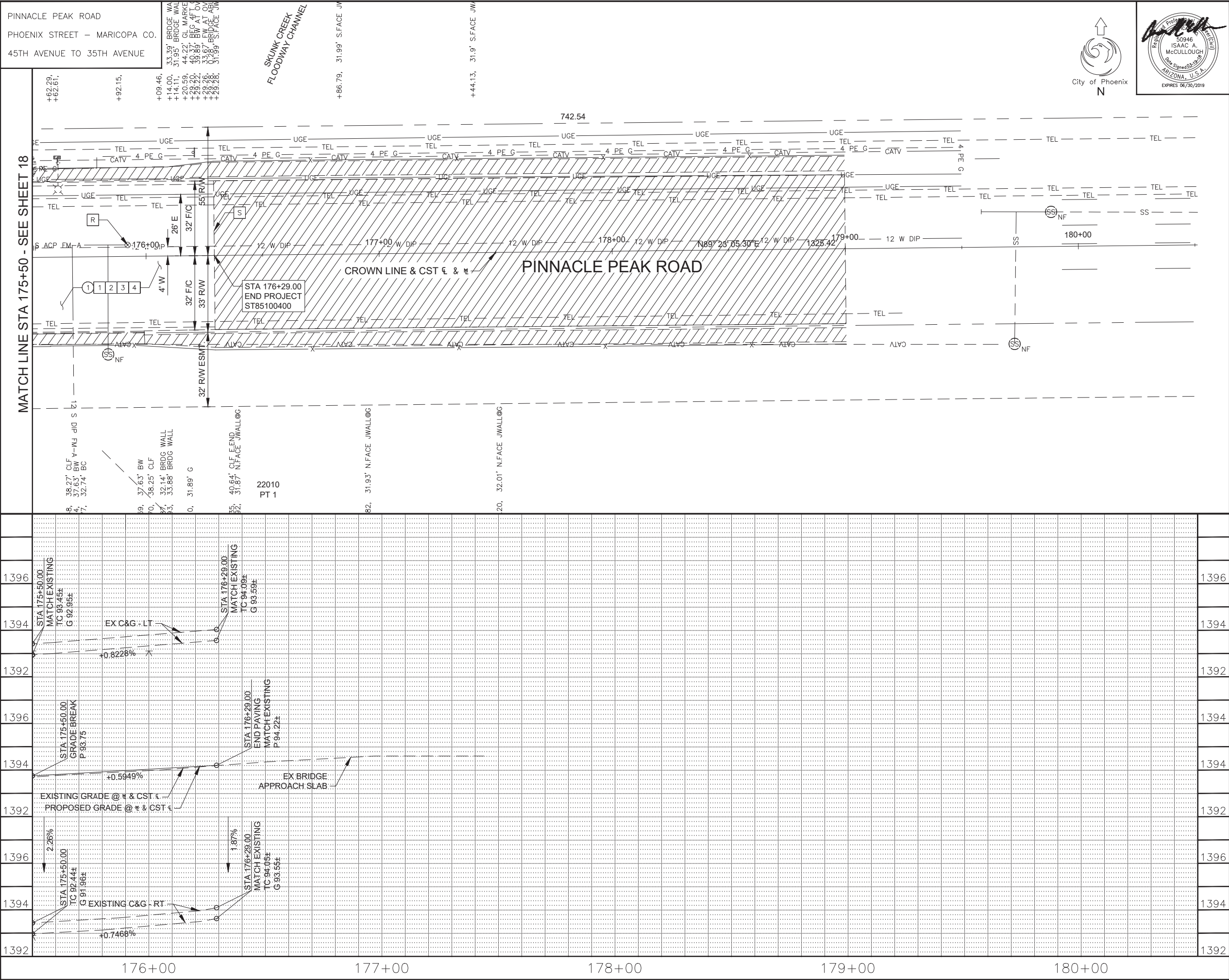
FHWA REGION		STATE		PROJECT NO.		SHEET NO.		TOTAL SHEETS		AS BUILT	
9		ARIZ.		ST85100400		15		121			
03/18 DATE				STANLEY CONSULTANTS INC. CONSULTING ENGINEER							
DESIGN: IAM				DRAWN: IAM				CHECKED: MAL			
SAWCUT & REMOVE CONCRETE CURB & GUTTER											
NO.		STATION TO STATION				TYPE		QUANTITY			
(1)		155+62 TO 155+99 LT				6" VC		55 LF			
(2)		156+63 TO 157+01 LT				6" VC		85 LF			
(8)		157+00 TO 157+11 LT				6" VC		11 LF			
(9)		160+32				6" VC		10 LF			
SAWCUT & REMOVE S/W, D/W, SLAB, V.G. & APRON											
NO.		STATION TO STATION				TYPE		QUANTITY			
(3)		155+62 TO 155+99 LT				S/W		221 SF			
(4)		156+64 TO 157+03 LT				S/W		342 SF			
(5)		155+62 TO 157+01 LT				VG & APRON		880 SF			
(10)		160+17 TO 160+32 LT				S/W		845 SF			
SAWCUT & REMOVE A.C.											
NO.		STATION TO STATION				TYPE		QUANTITY			
(6)		155+50 TO 160+00 LT & RT				AC PAV		3819 SY			
(7)		160+32 TO 160+50 LT				AC PAV		25 SY			
NEW CATCH BASIN & CONNECTOR PIPE											
NO.		INLET STATION		INLET TYPE		CONN. TYPE		SIZE		LENGTH	
(A10)		157+04.30 LT		M-1 L=3' P-1569-1		PREFAB TEE		15"		36 LF	
(A9)		156+96.35 RT		M-1 L=3' P-1569-2		PREFAB TEE		15"		36 LF	
CONSTRUCTION NOTES											
NO.		ITEM DESCRIPTION								QUANTITY	
1		SUBGRADE PREPARATION								4544 SY	
2		AC SURFACE COURSE D 1/2-1.5" THICK								371 TONS	
3		AC BASE COURSE A1-1/2-6" THICK								1483 TONS	
4		TACK COAT SS 1 H								3.03 TONS	
5		AC SURFACE COURSE D 1/2 FOR DW CONNECT								4 TONS	
6		CONCRETE SIDEWALK DET P-1230								4524 SF	
7		SIDEWALK RAMP DET P-1234								NPI	
9		SIDEWALK RAMP DET P-1236								NPI	
11		SIDEWALK RAMP DET P-1238-1 MOD								NPI	
13		TRUNCATED DOMES DET P-1232 (PAID FOR UNDER CONSTRUCTION ITEM 6)								NPI	
14		CONCRETE DRIVEWAY ENTRANCE (9" THICK) DET P-1255-1								91 SF	
17		CONCRETE CURB AND GUTTER MAG DET 220 TYPE A								610 LF	
18		CONCRETE SINGLE CURB MAG DET 222 TYPE B								8 LF	
19		CONCRETE SINGLE CURB TERMINATION MAG DET 222								1 EA	
22		ADJUST MANHOLE FRAME AND COVER MAG DET 422								2 EA	
24		RELOCATE FIRE HYDRANT DET P-1360 & DET P-1362								1 EA	
35		SURVEY MARKER MAG DET 120-1 TYPE A								1 EA	
(A)		ADJUST EXISTING TYPE "A" WATER VALVE DET P-1391 & P-1391-1								5 EA	
 TBM: STA 155+49.08, 76.45' LT (PINNACLE PEAK ROAD) 1/2" REBAR W/ PLASTIC CAP ELEVATION = 1392.22											
SEE SHT 59 FOR CONNECTOR PIPES SEE SHTS 51 FOR STORM DRAIN											
PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX.											
PAVING											
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT											
PINNACLE PEAK ROAD 45TH AVENUE TO 35TH AVENUE ST85100400											
DR: IAM		DES: IAM		CK: MAL		SHEET NO:		TOTAL SHEETS		AS BUILT	
DATE: 03/18		DATE: 03/18		DATE: 03/18		15		121			
SCALE: 1" = 20' H., 1" = 2' V.						15		121			

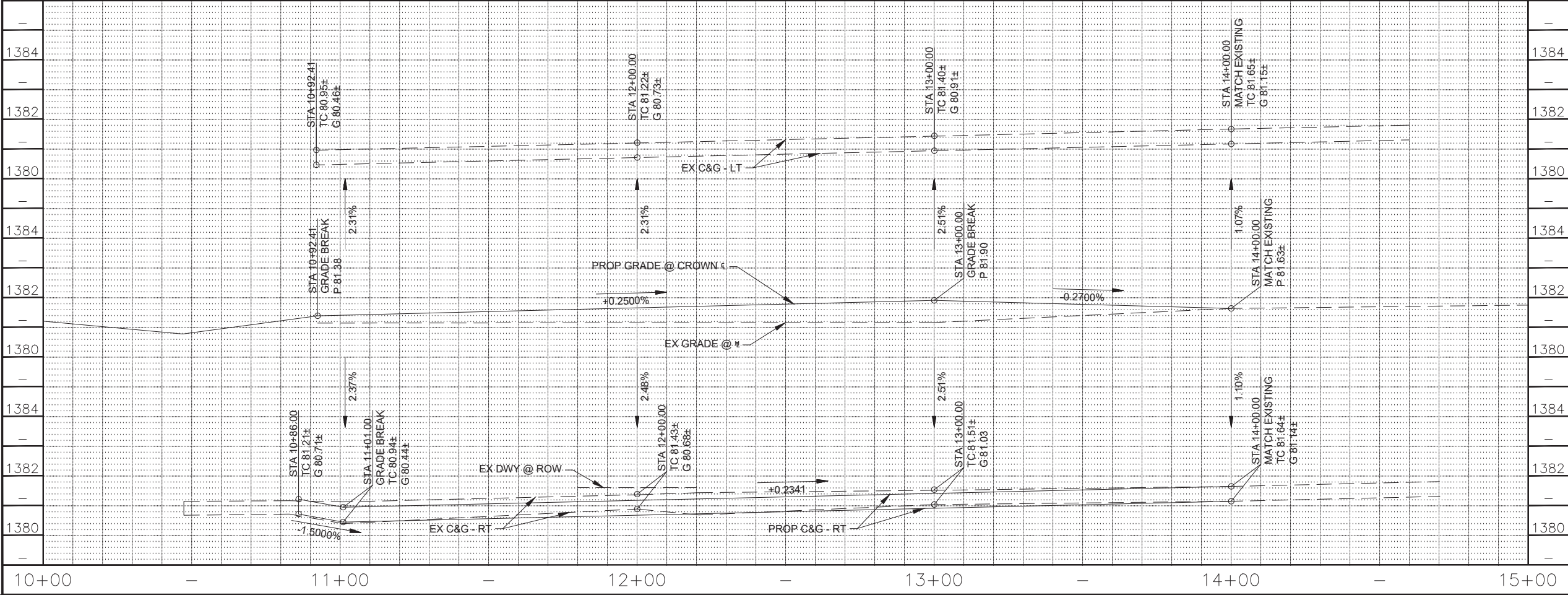
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FHA/RA REGION		STATE		PROJECT NO.		SHEET NO.		TOTAL SHEETS		AS BUILT	
9		ARIZ.		ST85100400		16		121			
03/18 DATE				STANLEY CONSULTANTS INC. CONSULTING ENGINEER							
DESIGN: IAM				DRAWN: IAM				CHECKED: MAL			
SAWCUT & REMOVE CONCRETE CURB & GUTTER											
NO.		STATION TO STATION				TYPE		QUANTITY			
(4)		162+20 TO 162+31				6" VC		11 LF			
(5)		160+74				6" VC		8 LF			
(8)		162+94				6" VC		8 LF			
(9)		163+39				6" VC		8 LF			
SAWCUT & REMOVE S/W, D/W, SLAB, V.G. & APRON											
NO.		STATION TO STATION				TYPE		QUANTITY			
(6)		160+74 TO 160+90				S/W		92 SF			
(7)		163+39 TO 163+44				S/W		25 SF			
(10)		162+84 TO 162+94				S/W		50 SF			
SAWCUT & REMOVE A.C.											
NO.		STATION TO STATION				TYPE		QUANTITY			
(1)		160+50 TO 165+50 LT & RT				AC PAV		3186 SY			
(2)		160+50 TO 160+75 LT				D/W		35 SY			
(3)		162+94 TO 163+39 LT				D/W		60 SY			
NEW CATCH BASIN & CONNECTOR PIPE											
NO.		INLET STATION		INLET TYPE		CONN. TYPE		SIZE		LENGTH	
(A6)		162+24.56 LT		M-1 L=3' P-1569-1		PREFAB TEE		15"		36 LF	
(A7)		162+24.56 RT		M-1 L=3' P-1569-2		PREFAB TEE		15"		36 LF	
CONSTRUCTION NOTES											
NO.		ITEM DESCRIPTION								QUANTITY	
[1]		SUBGRADE PREPARATION								3945 SY	
[2]		AC SURFACE COURSE D 1/2-1.5" THICK								322 TONS	
[3]		AC BASE COURSE A1-1/2-6" THICK								1287 TONS	
[4]		TACK COAT SS 1 H								2.63 TONS	
[5]		AC SURFACE COURSE D 1/2 FOR DW CONNECT								13 TONS	
[14]		CONCRETE SIDEWALK DET P-1230								2684 SF	
[17]		CONCRETE DRIVEWAY ENTRANCE (9" THICK) DET P-1255-1								376 SF	
[18]		CONCRETE CURB AND GUTTER MAG DET 220 TYPE A								500 LF	
[19]		CONCRETE SINGLE CURB MAG DET 222 TYPE B								24 LF	
[22]		CONCRETE SINGLE CURB TERMINATION MAG DET 222								2 EA	
[A]		ADJUST EXISTING TYPE "A" WATER VALVE DET P-1391 & P-1391-1								1 EA	
 <p>Contact Arizona 811 at least two full working days before you begin excavation</p> <p>Call 811 or click Arizona811.com</p>											
<p>TBM:</p> <p>STA 165+49.55, 68.70' LT (PINNACLE PEAK ROAD) 1/2" REBAR W/ PLASTIC CAP ELEVATION = 1392.22</p> <p>SEE SHT 59 FOR CONNECTOR PIPES SEE SHT 52 FOR STORM DRAIN</p>											
<p>*PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX.*</p>											
PAVING											
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT											
PINNACLE PEAK ROAD 45TH AVENUE TO 35TH AVENUE ST85100400											
DR: IAM		DES: IAM		CK: MAL		SHEET NO:		TOTAL SHEETS		AS BUILT	
DATE: 03/18		DATE: 03/18		DATE: 03/18		16		121			
SCALE: 1" = 20' H., 1" = 2' V.						16		121			

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FHA REGION		STATE	PROJECT NO.		SHEET NO.	TOTAL SHEETS	AS BUILT
9		ARIZ.	ST85100400		18	121	
03/18 DATE			STANLEY CONSULTANTS INC. CONSULTING ENGINEER				
DESIGN: IAM			DRAWN: IAM		CHECKED: MAL		
SAWCUT & REMOVE CONCRETE CURB & GUTTER							
NO.		STATION TO STATION			TYPE	QUANTITY	
(1)		170+50 TO 175+50 LT			6" VC	500 LF	
SAWCUT & REMOVE S/W, D/W, SLAB, V.G. & APRON							
NO.		STATION TO STATION			TYPE	QUANTITY	
(2)		170+50 TO 171+67 LT			SW	583 SF	
(3)		173+41 TO 175+50 LT			SW	1068 SF	
REMOVE STRUCTURE, BACKFILL & COMPACT							
NO.		STATION TO STATION			DESCRIPTION	QUANTITY	
(6)		174+75 LT			CATCH BASIN	1 EA	
SAWCUT & REMOVE A.C.							
NO.		STATION TO STATION			TYPE	QUANTITY	
(4)		171+67 TO 173+50 LT & RT			AC SW	99 SY	
(5)		170+50 TO 175+ 50 LT & RT			AC PAV	3491 SY	
NEW CATCH BASIN & CONNECTOR PIPE							
NO.		INLET STATION	INLET TYPE	CONN. TYPE	SIZE	LENGTH	
(A2)		172+76.28 LT	M-1 L=6' P-1569-1	PREFAB TEE	15"	37 LF	
(A1)		172+86.32 RT	M-1 L=6' P-1569-2	MANHOLE	15"	33 LF	
CONSTRUCTION NOTES							
NO.		ITEM DESCRIPTION					QUANTITY
[1]		SUBGRADE PREPARATION					3625 SY
[2]		AC SURFACE COURSE D 1/2-1.5" THICK					296 TONS
[3]		AC BASE COURSE A1-1/2-6" THICK					1183 TONS
[4]		TACK COAT SS 1 H					2.41 TONS
[5]		AC SURFACE COURSE D 1/2 FOR DW CONNECT					12 TONS
[6]		CONCRETE SIDEWALK DET P-1230					4727 SF
[14]		CONCRETE DRIVEWAY ENTRANCE (9" THICK) DET P-1255-1					649 SF
[17]		CONCRETE CURB AND GUTTER MAG DET 220 TYPE A					893 LF
[37]		INSTALL 24" RGRCP					10 LF
[38]		CONCRETE PIPE COLLAR COP DET P-1505					2 EA
(A)		ADJUST EXISTING TYPE "A" WATER VALVE DET P-1391 & P-1391-1					2 EA
<div><div></div><p>SEE SHT 61 FOR CONNECTOR PIPES SEE SHT 54 FOR STORM DRAIN</p></div>							
<p>*PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX.*</p>							
PAVING							
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT							
PINNACLE PEAK ROAD 45TH AVENUE TO 35TH AVENUE ST85100400							
DR: IAM		DES: IAM		CK: MAL		SHEET NO:	
DATE: 03/18		DATE: 03/18		DATE: 03/18		TOTAL SHEETS	
SCALE: 1" = 20' H., 1" = 2' V.		18		121		AS BUILT	

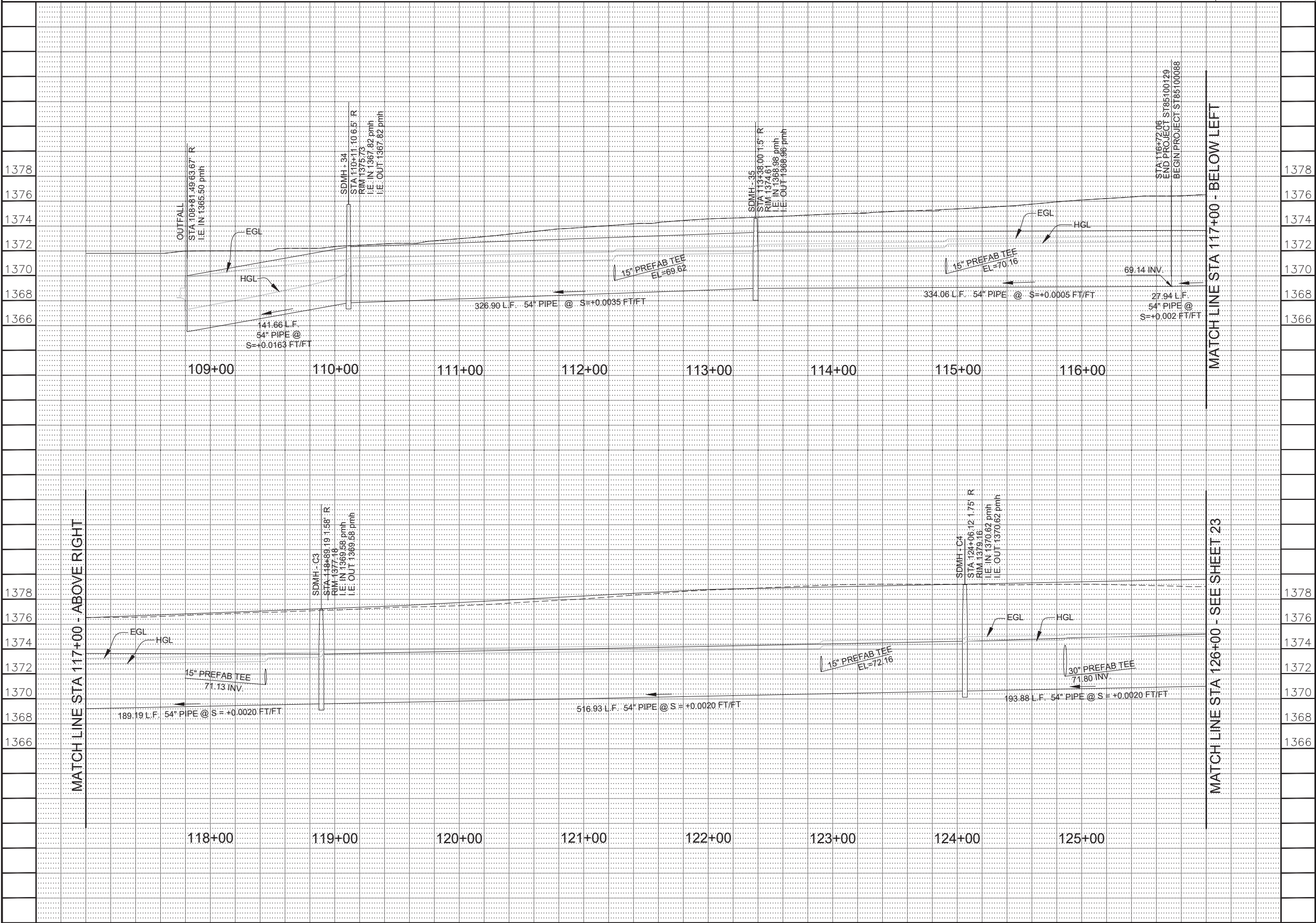
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DR: IAM	DES: IAM	CK: MAL	SHEET	TOTAL	AS
DATE: 03/18	DATE: 03/18	DATE: 03/18	NO:	SHEETS	BUILT
SCALE: 1" = 20' H., 1" = 2' V.			20	121	

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PINNACLE PEAK ROAD
PHOENIX STREET - MARICOPA CO.
45TH AVENUE TO 35TH AVENUE



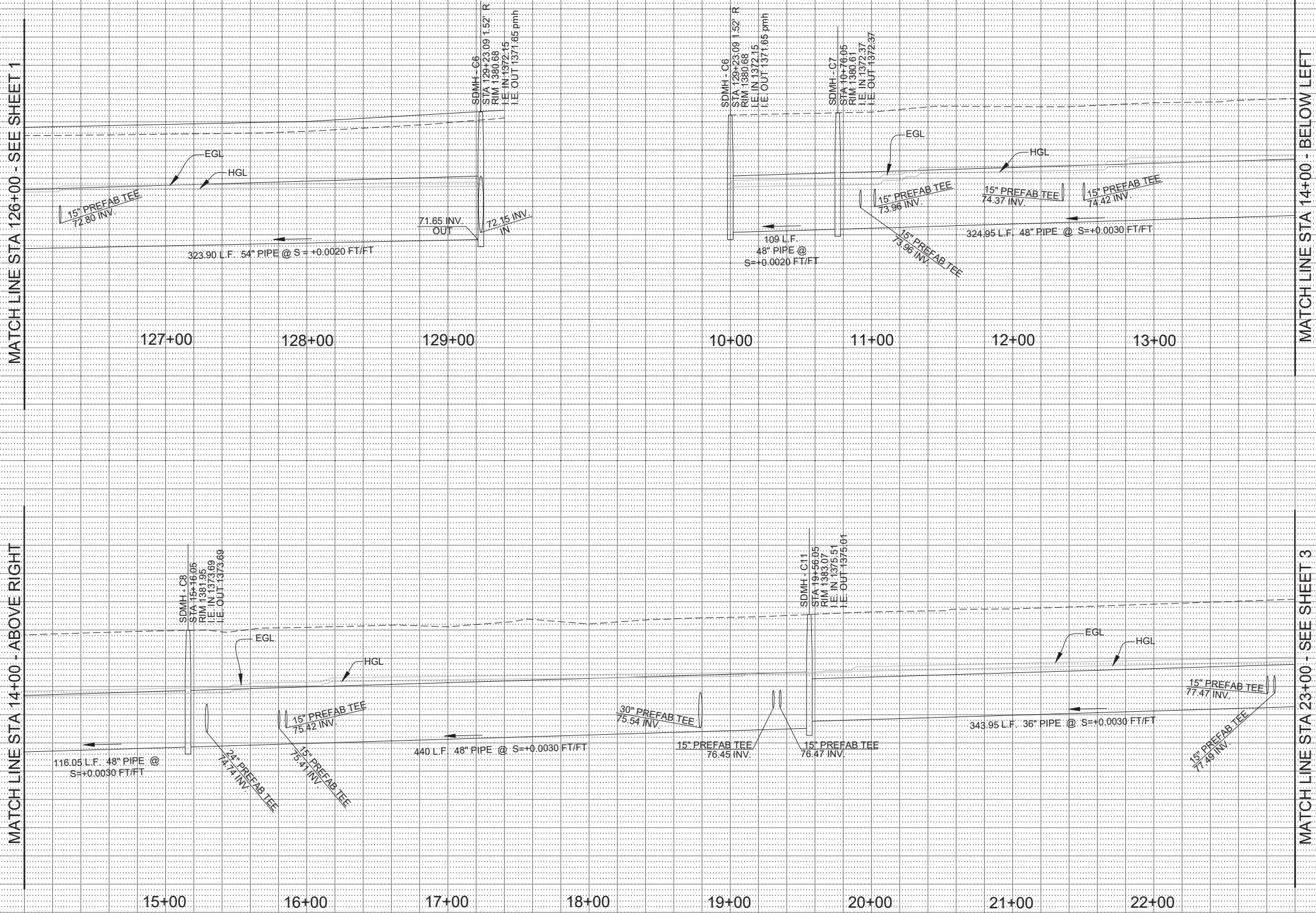
F.H.U.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	ST85100400	21	121	
03/18 DATE		STANLEY CONSULTANTS INC. CONSULTING ENGINEER			
DESIGN: IAM		DRAWN: IAM		CHECKED: MAL	
PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX.					
HGL & EGL - LINE 'C'					
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT					
PINNACLE PEAK ROAD 45TH AVENUE TO 35TH AVENUE ST85100400					
DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18	21	121	
SCALE: 1" = 5' H., 1" = 5' V.			21	121	

[illegible]

PINNACLE PEAK ROAD
PHOENIX STREET – MARICOPA CO.
45TH AVENUE TO 35TH AVENUE



FJLHIA REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	ST85100400	22	121	
<u>03/18</u> DATE			STANLEY CONSULTANTS INC. CONSULTING ENGINEER		
DESIGN: IAM		DRAWN: IAM		CHECKED: MAL	



"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

HGL & EGL - LINE 'C'

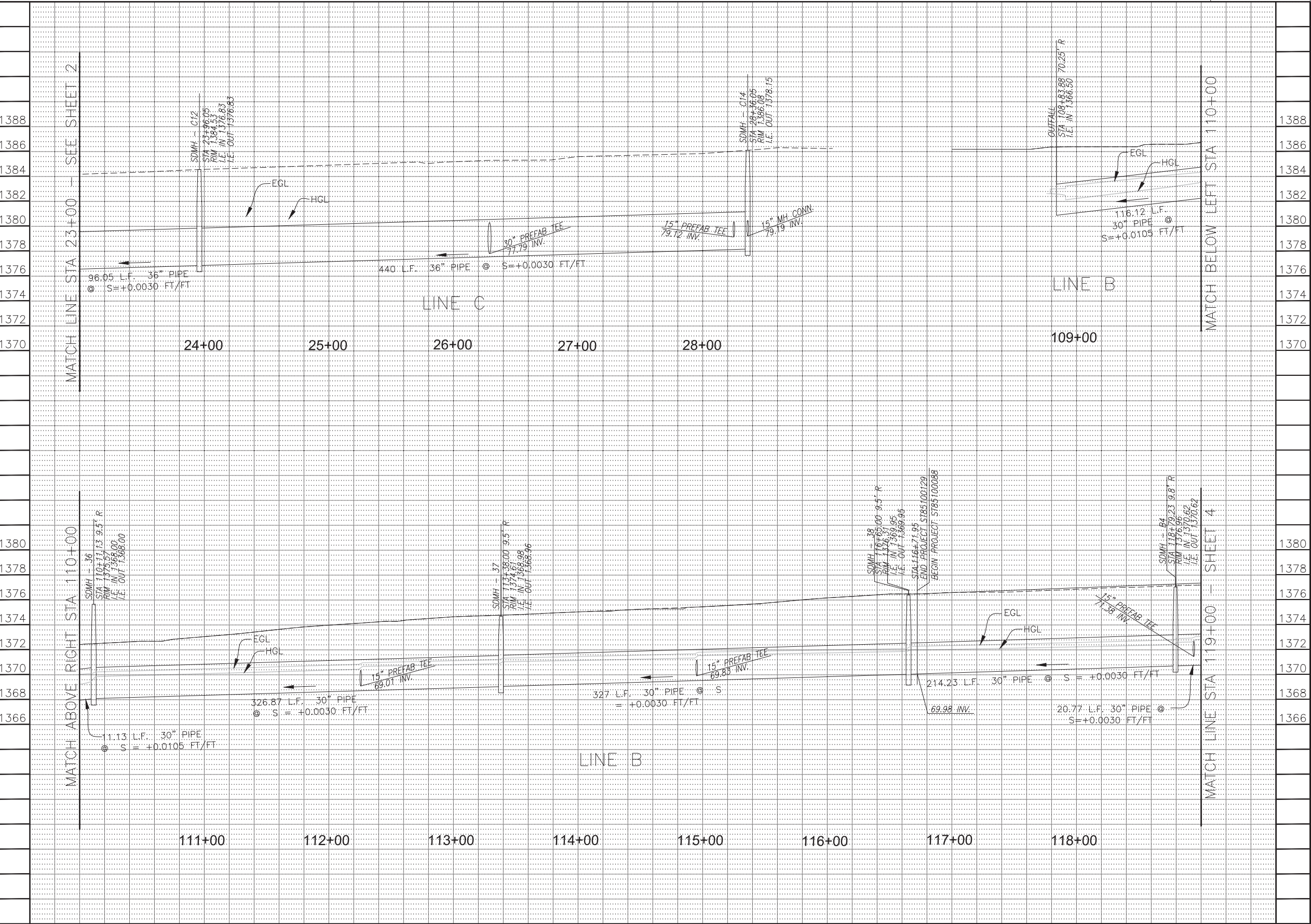
CITY OF PHOENIX, ARIZONA
STREET TRANSPORTATION DEPARTMENT

PINNACLE PEAK ROAD
45TH AVENUE TO 35TH AVENUE
ST85100400

DR: IAM	DES: IAM	CK: MAL	SHEET	TOTAL	AS
DATE: 03/18	DATE: 03/18	DATE: 03/18	NO:	SHEETS	BUILT
SCALE: 1" = 5' H., 1" = 5' V.			22	121	

[illegible]

PINNACLE PEAK ROAD
PHOENIX STREET - MARICOPA CO.
45TH AVENUE TO 35TH AVENUE



"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

HGL & EGL - LINE 'C' & 'B'

CITY OF PHOENIX, ARIZONA
STREET TRANSPORTATION DEPARTMENT

PINNACLE PEAK ROAD
45TH AVENUE TO 35TH AVENUE
ST85100400

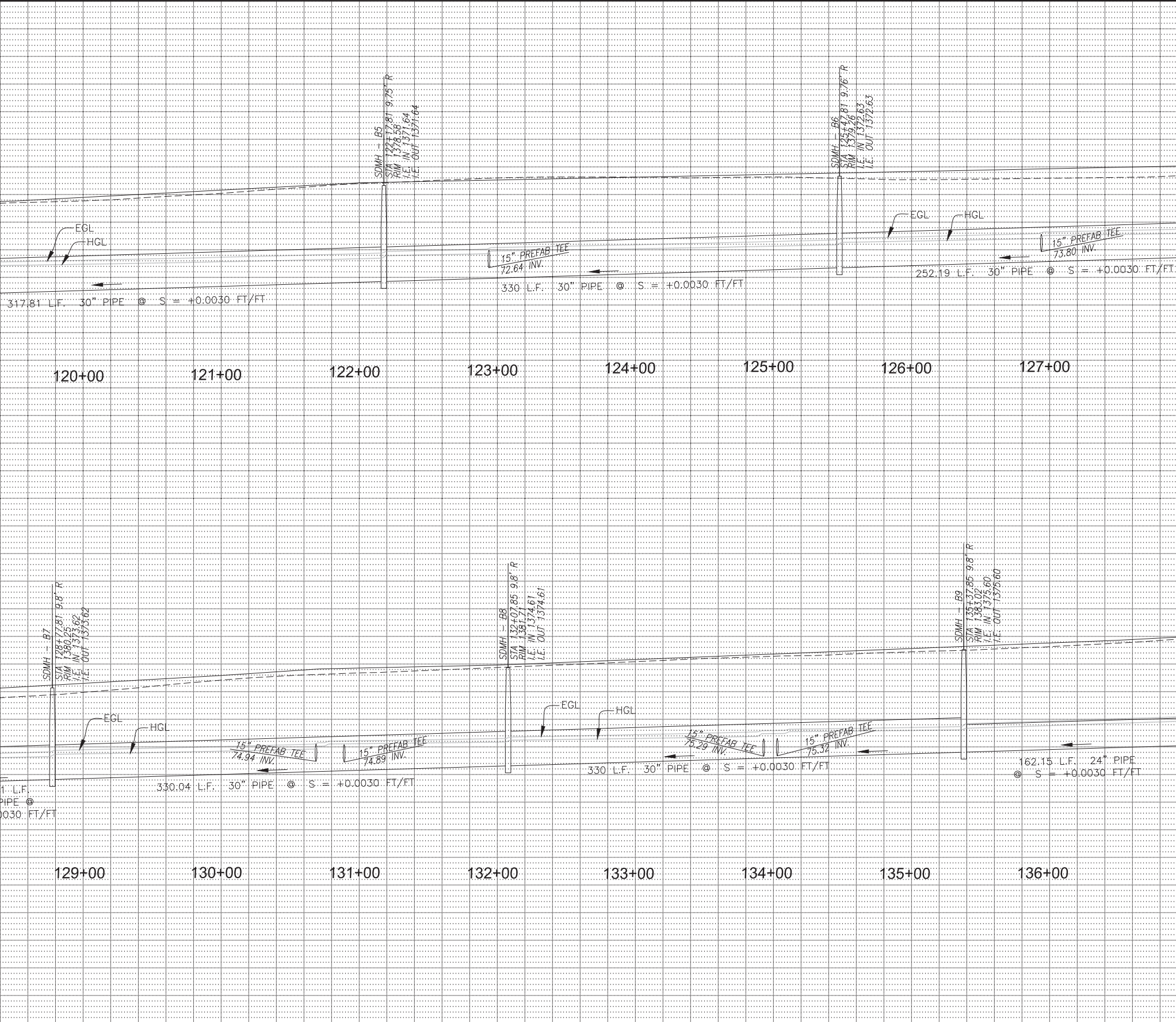
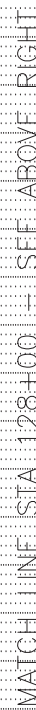
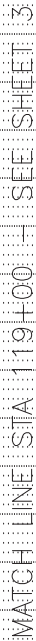
DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18			
SCALE: 1" = 5' H., 1" = 5' V.			23	121	

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PINNACLE PEAK ROAD
PHOENIX STREET – MARICOPA CO.
45TH AVENUE TO 35TH AVENUE



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	ST85100400	24	121	
<u>03/18</u> DATE		STANLEY CONSULTANTS INC. CONSULTING ENGINEER			
DESIGN: IAM		DRAWN: IAM		CHECKED: MAL	



PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

HGL & EGL - LINE 'B'

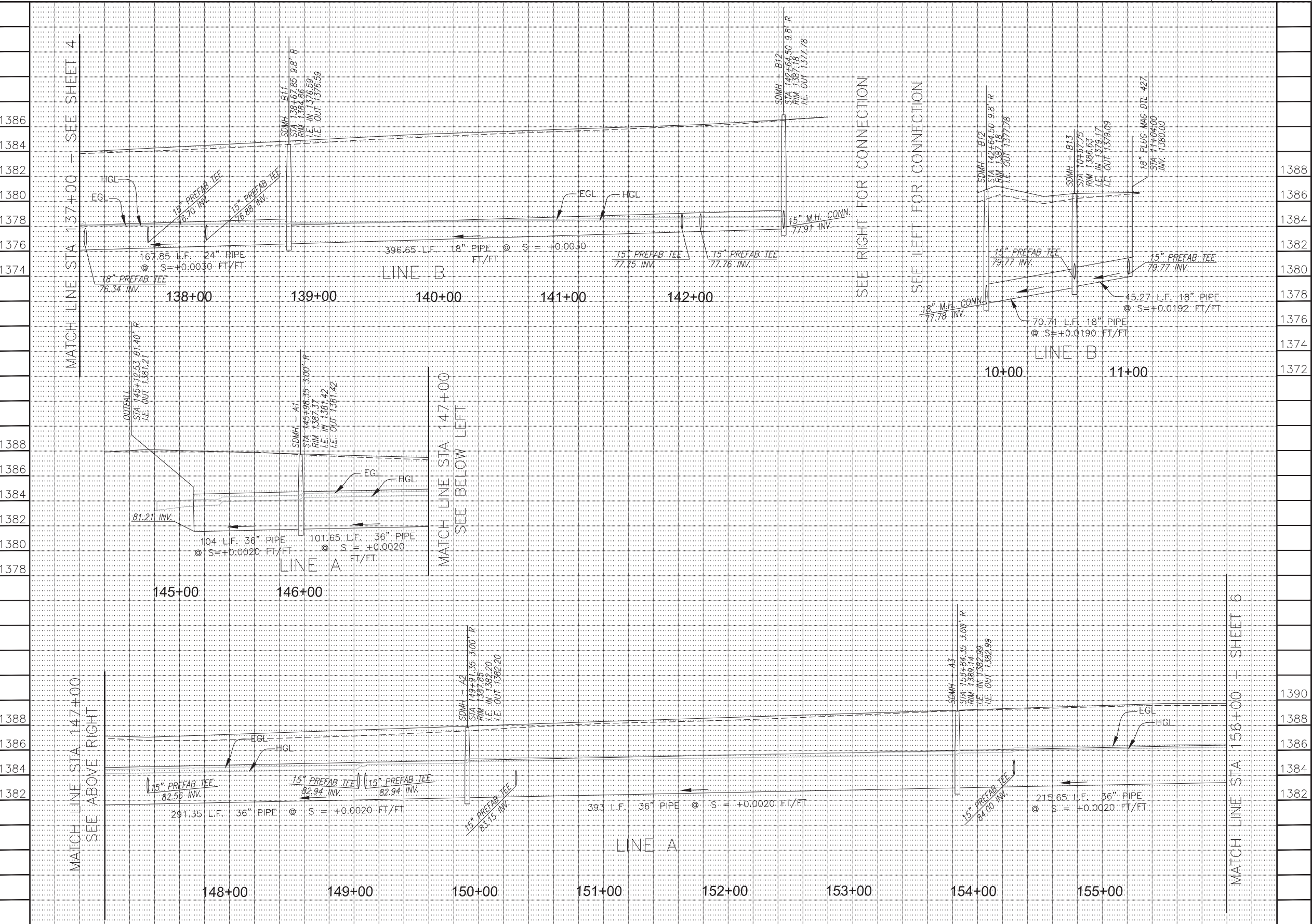
CITY OF PHOENIX, ARIZONA
STREET TRANSPORTATION DEPARTMENT

PINNACLE PEAK ROAD
45TH AVENUE TO 35TH AVENUE
ST85100400

DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18			
SCALE: 1" = 5' H., 1" = 5' V.			24	121	

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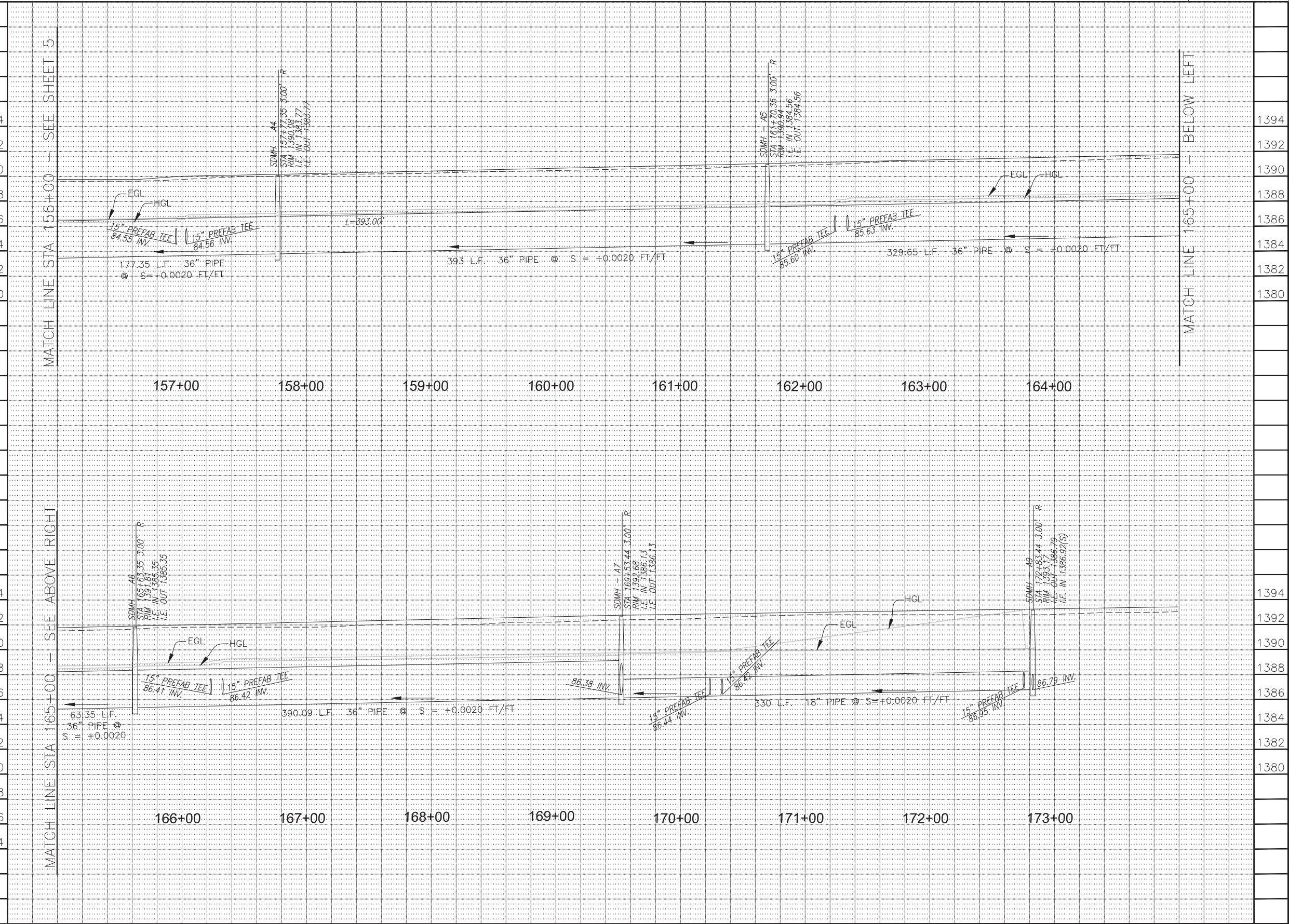
PINNACLE PEAK ROAD
PHOENIX STREET – MARICOPA CO.
45TH AVENUE TO 35TH AVENUE



F.H.M.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	ST85100400	25	121	
03/18 DATE			STANLEY CONSULTANTS INC. CONSULTING ENGINEER		
DESIGN: IAM		DRAWN: IAM		CHECKED: MAL	
PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX.					
HGL & EGL - LINE 'B' & 'A'					
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT					
PINNACLE PEAK ROAD 45TH AVENUE TO 35TH AVENUE ST85100400					
DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18			
SCALE: 1" = 5' H., 1" = 5' V.			25	121	

[illegible]

PINNACLE PEAK ROAD
PHOENIX STREET – MARICOPA CO.
45TH AVENUE TO 35TH AVENUE



"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

HGL & EGL - LINE 'A'
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT
PINNACLE PEAK ROAD 45TH AVENUE TO 35TH AVENUE ST85100400

DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18			
SCALE: 1" = 5' H., 1" = 5' V.			26	121	

FEDERAL REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	ST85100400	26	121	
<u>03/18</u> DATE			STANLEY CONSULTANTS INC. CONSULTING ENGINEER		
DESIGN: IAM		DRAWN: IAM		CHECKED: MAL	













REVISION BY CITY OF PHOENIX		NO.		DESCRIPTION		REV BY		CKD BY		DATE	
REVISION BY CITY OF PHOENIX		NO.		DESCRIPTION		REV BY		CKD BY		DATE	
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REVISION BY CITY OF PHOENIX		NO.		DESCRIPTION		REV BY		CKD BY		DATE	

PINNACLE PEAK ROAD
PHOENIX STREET – MARICOPA CO.
45TH AVENUE TO 35TH AVENUE





KEY TO SYMBOLS

Symbol Description

Strata symbols

	Asphaltic Concrete
	ABC
	Clayey sand with gravel
	Clayey gravel with sand
	Sandy lean clay with gravel
	Lean clay
	Clayey gravel
	Sandy clay with few gravels
	Silty sand with gravel
	Silty gravel with sand

Misc. Symbols

	N-value standard penetration test
Symbol Description	
Soil Samplers	
	Bulk sample
	Standard penetration test
	Ring sampler

LABORATORY TEST RESULTS SUMMARY

ROAD	BORING NUMBER	DEPTH (feet)	FINES CONTENT (% PASSING #200 SIEVE)	LIQUID LIMIT (percent)	PLASTICITY INDEX	SOIL CLASSIFICATION (USCS)
PINNACLE PEAK ROAD	B-1	0-5	25.1	35	14	SC
	B-2	0-5	15.5	31	11	GC
	B-3	5-10	52.5	74	50	CH
	B-4	0-5	22.0	36	16	SC
	B-5	0-5	24.6	32	15	GC
	B-6	10-15	41.0	38	9	SM
	B-7	0-5	31.1	39	15	SC
	B-8	0-5	25.6	28	14	SC
	B-9	5-10	55.4	39	21	CL
43RD AVENUE	B-10	0-5	60.6	41	31	CL
	B-11	5-10	19.4	48	20	GM
	B-12	0-5	30.8	36	18	SC

LABORATORY TEST RESULTS SUMMARY

ROAD	BORING NUMBER	DEPTH (feet)	FINES CONTENT (% PASSING #200 SIEVE)	PLASTICITY INDEX	CORRELATED R-VALUE
PINNACLE PEAK ROAD	B-1	0-5	25.1	14	40
	B-2	0-5	15.5	11	52
	B-3	5-10	52.5	50	7
	B-4	0-5	22.0	16	38
	B-5	0-5	24.6	15	39
	B-6	10-15	41.0	9	37
	B-7	0-5	31.1	15	36
	B-8	0-5	25.6	14	40
	B-9	5-10	55.4	21	21
43RD AVENUE	B-10	0-5	60.6	31	13
	B-11	5-10	19.4	20	35
	B-12	0-5	30.8	18	32

MATERIAL : SILTY SAND		MAT. SOURCE: B-6@ (10'-15')	
DIST. WATER (ml)		RESISTANCE (ohms)	
200		730	
50		520	
50		360	
50		370	
50			
50			

CALCULATIONS: SBF = 6.67 cm
RESISTIVITY = LOWEST RESISTANCE X SBF

pH READING: 8.3
RESISTIVITY (ohm - cm): 2401

NATURAL MOISTURE CONTENT

SOURCE	LAB NUMBER	MOISTURE CONTENT (%)
B-1 (5'-10')	06L1364	7.0
B-2 (5'-10')	06L1367	4.1
B-3 (10'-15')	06L1370	12.5
B-4 (5'-10')	06L1372	12.9
B-4 (10'-15')	06L1373	5.5
B-5 (10'-15')	06L1376	9.1
B-6 (0'-5')	06L1377	7.9
B-7 (5'-10')	06L1381	5.2
B-8 (5'-10')	06L1383	4.5
B-8 (10'-15')	06L1384	5.2
B-9 (0'-5')	06L1385	8.0
B-10 (5'-10')	06L1389	12.0
B-11 (0'-5')	06L1391	4.4
B-11 (10'-15')	06L1393	12.0
B-12 (5'-10')	06L1395	8.5

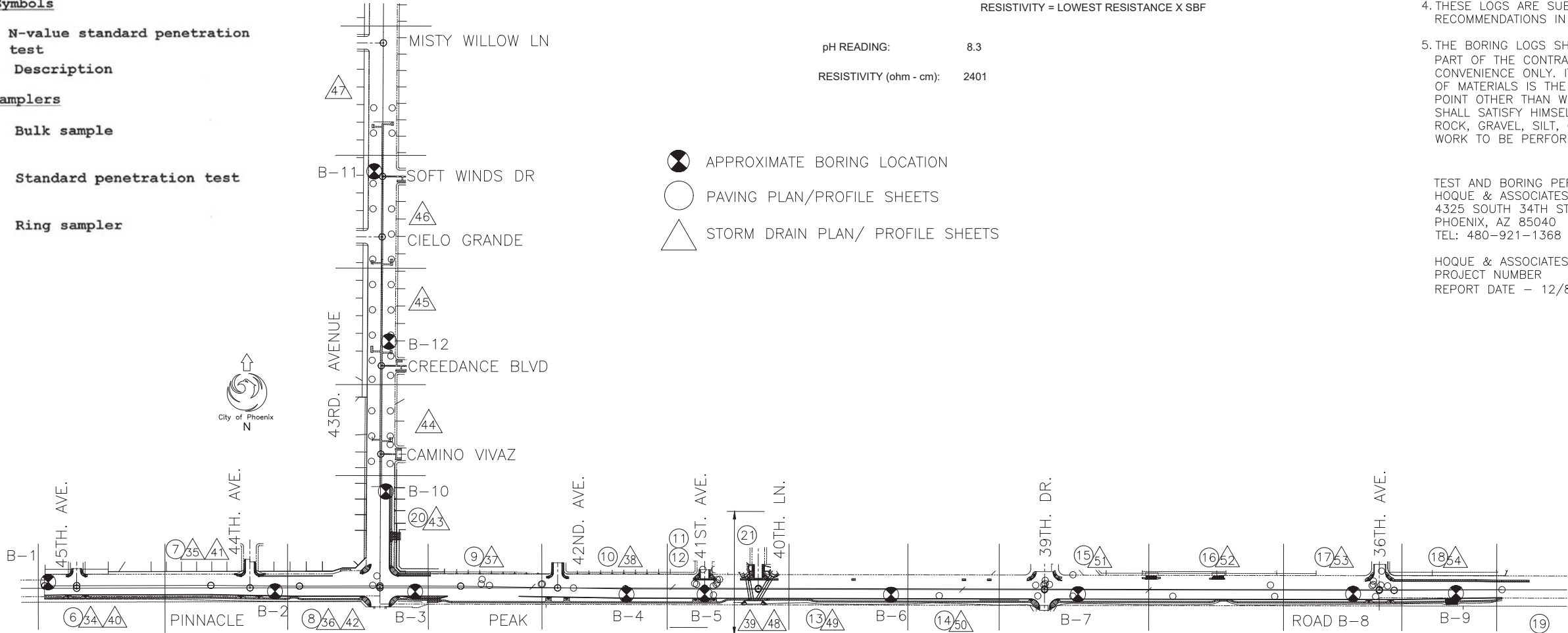
- NOTES:
- EXPLORATORY BORINGS WERE DRILLED ON 7/19-7/20/06 USING A CME-75 DRILL RIG WITH 8" HSA.
 - BORING LOCATIONS WERE SELECTED BY HOQUE & ASSOCIATES, INC.
 - RESULTS OF TEST CONDUCTED ON RECOVERED SAMPLES ARE REPORTED ON THE LOGS AND/OR GEOTECHNICAL REPORT.
 - THESE LOGS ARE SUBJECT TO LIMITATIONS, CONCLUSIONS AND RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
 - THE BORING LOGS SHOWN ON THIS SHEET DO NOT CONSTITUTE A PART OF THE CONTRACT AND ARE INCLUDED FOR THE CONTRACTOR'S CONVENIENCE ONLY. IT IS NOT INTENDED TO IMPLY THAT THE CHARACTER OF MATERIALS IS THE SAME AS THAT SHOWN IN THE LOGS AT ANY POINT OTHER THAN WHERE THE BORING WAS MADE. THE CONTRACTOR SHALL SATISFY HIMSELF REGARDING THE CHARACTER AND AMOUNT OF ROCK, GRAVEL, SILT, CLAY AND WATER TO BE ENCOUNTERED IN THE WORK TO BE PERFORMED.

TEST AND BORING PERFORMED FOR THE CITY OF PHOENIX BY:
HOQUE & ASSOCIATES, INC.
4325 SOUTH 34TH STREET
PHOENIX, AZ 85040
TEL: 480-921-1368

HOQUE & ASSOCIATES – 06100
PROJECT NUMBER
REPORT DATE – 12/8/2006



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	ST85100400	29	121	
03/18 DATE			STANLEY CONSULTANTS INC. CONSULTING ENGINEER		
DESIGN: IAM		DRAWN: IAM		CHECKED: MAL	



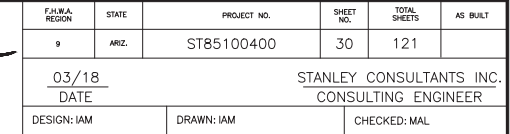
PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX.

SOIL BORING LOGS

CITY OF PHOENIX, ARIZONA
STREET TRANSPORTATION DEPARTMENT

PINNACLE PEAK ROAD
45TH AVENUE TO 35TH AVENUE
ST85100400

DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18	29	121	
SCALE: N.T.S.					

[illegible][illegible]

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

ARIZONA 811

Call 811 or click Arizona811.com

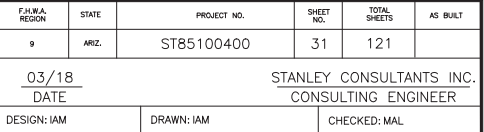
DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18			
SCALE: N.T.S.			30	121	

30-ST85100400BL.DWG

[illegible]

<div style="display: flex; justify-content: space-between;"> BORING LOG PROJECT: Pinnacle Peak Road Paving and Storm Drain Improvement PROJECT NO.: 06100 </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> CLIENT: Steele Engineering, Inc. DATE: 7/19-7/20/06 </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> LOCATION: Pinnacle Peak Road, 43rd Ave to 35th Ave, Phoenix, AZ ELEVATION: not dirrmd </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> DRILLER: Wilcox LOGGED BY: AG </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> DRILLING METHOD: CME-75 8" HSA </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> DEPTH TO - WATER> INITIAL: none encountered AFTER 24 HOURS: N/A </div>				BORING NO. B-6		
DEPTH (feet)	SOIL TYPE	BULK SAMPLES	USCS	Description	Plasticity Index	TEST RESULTS
0	CL		CL	Brown Sandy lean CLAY; damp		<div style="display: flex; justify-content: space-between; font-size: 0.8em;"> Plastic Limit ——— Liquid Limit </div> <div style="display: flex; justify-content: space-between; font-size: 0.7em;"> Water Content - ● </div> <div style="display: flex; justify-content: space-between; font-size: 0.7em;"> Penetration - Δ </div> <div style="text-align: center; font-size: 0.8em;"> 10 20 30 40 50 </div>
5	36"SD SC		SC	Brown Clayey SAND with Gravel; damp Medium dense		
10	CL		CL	Brown Sandy lean CLAY; trace gravel, damp	9	
15				Very stiff Boring terminated at 15 feet depth. Borehole backfilled with cuttings.		
20						
25						
30						
35						

HOQUE
& ASSOCIATES




DR: IAM	DES: IAM	CK: MAL	SHEET	TOTAL	AS
DATE: 03/18	DATE: 03/18	DATE: 03/18	NO:	SHEETS	BUILT
SCALE: N.T.S.			31	121	

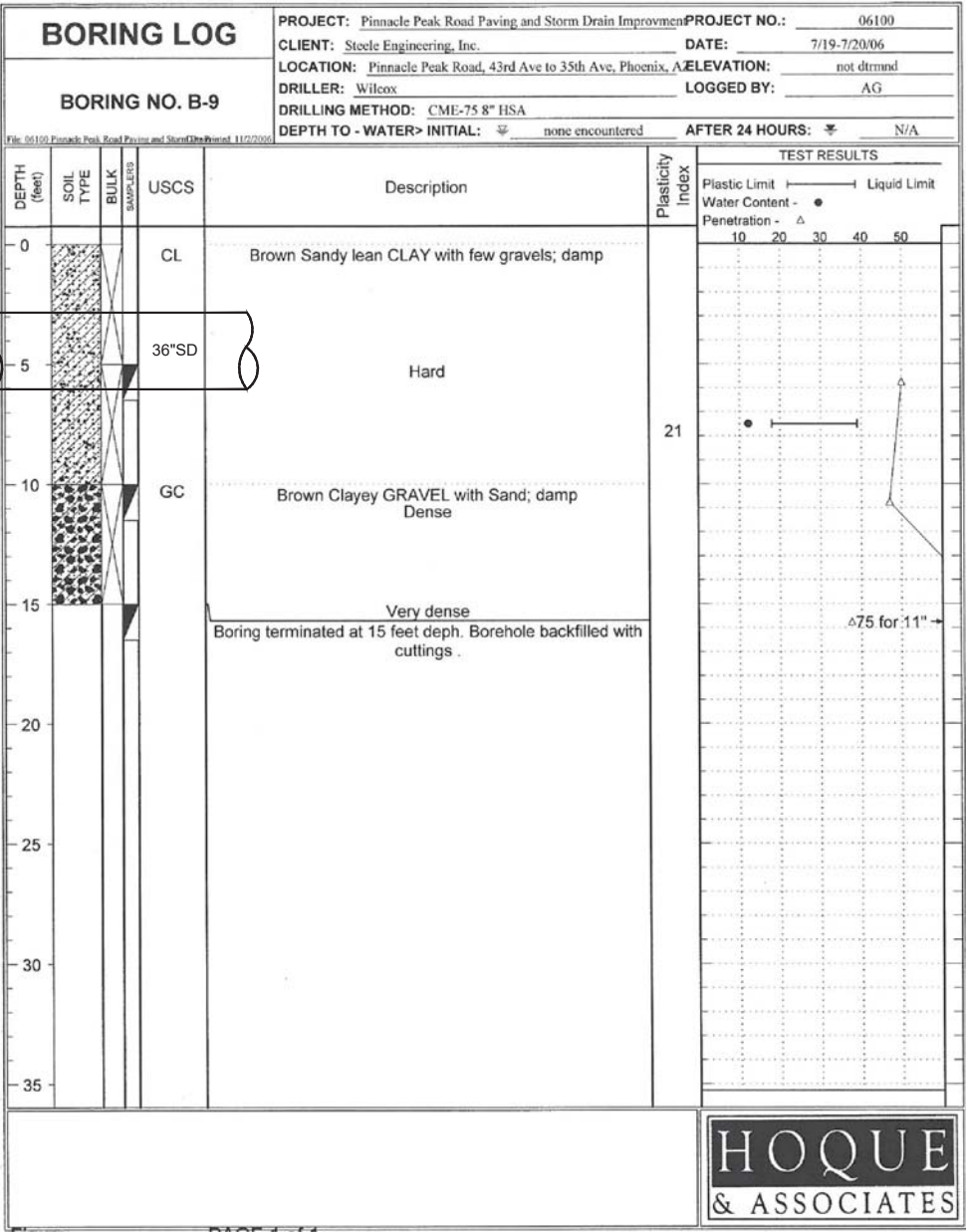
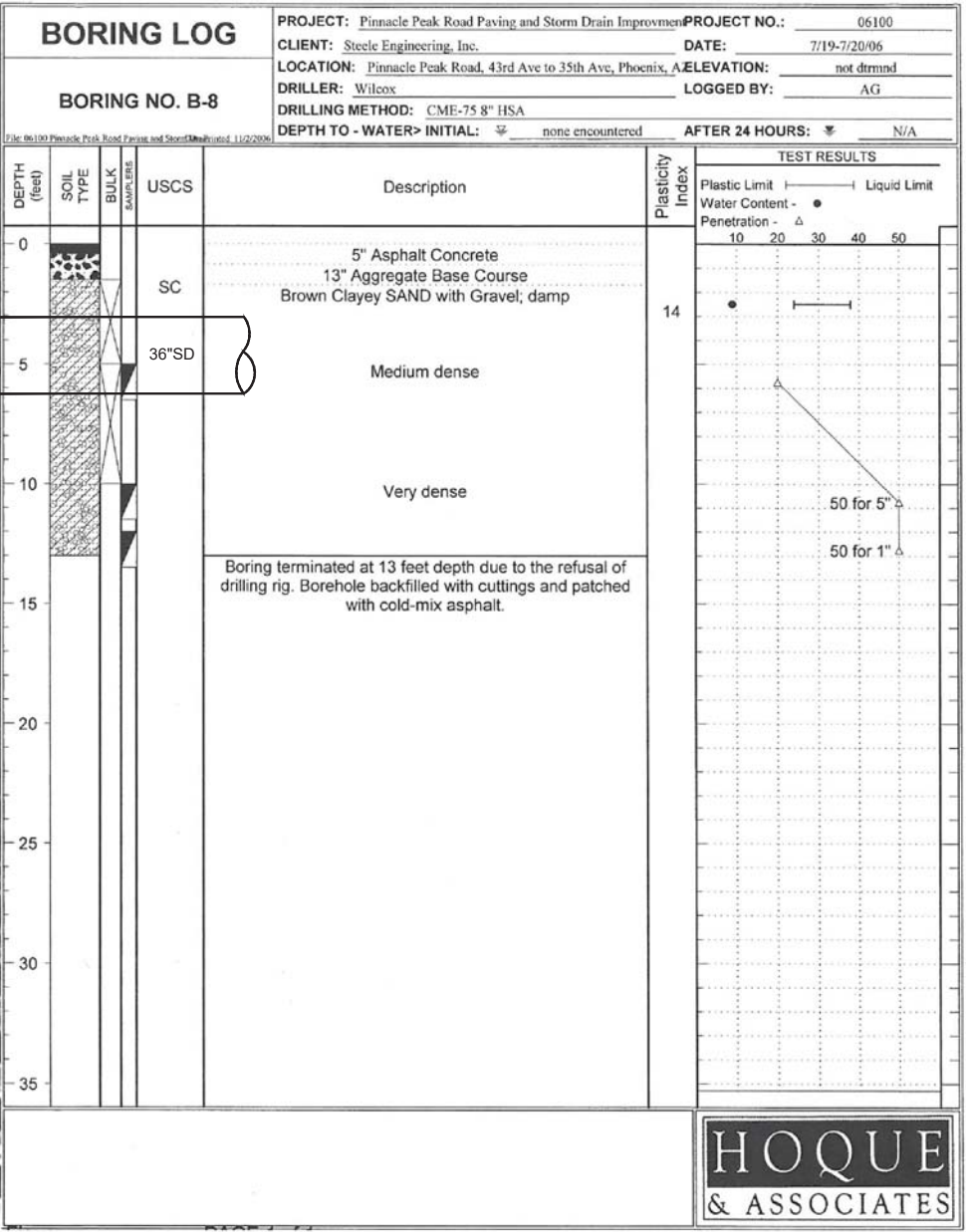
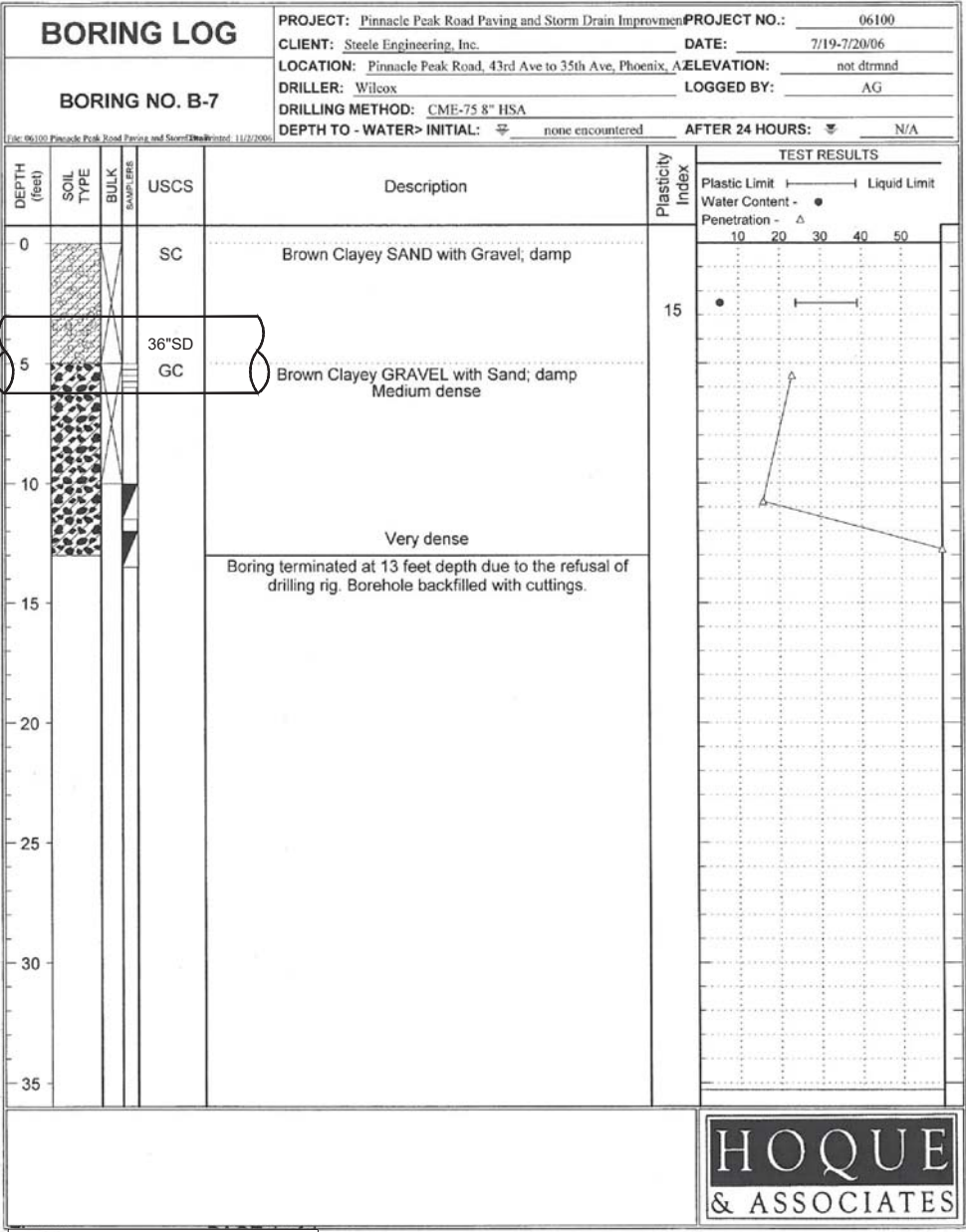


REVISION BY CITY OF PHOENIX						REVISION BY CITY OF PHOENIX								
NO.			DESCRIPTION			REV BY			CKD BY			DATE		

PINNACLE PEAK ROAD
PHOENIX STREET – MARICOPA CO.
45TH AVENUE TO 35TH AVENUE




F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	ST85100400	32	121	
03/18 DATE		STANLEY CONSULTANTS INC. CONSULTING ENGINEER			
DESIGN: IAM		DRAWN: IAM		CHECKED: MAL	



NOTES:
THE BORING LOGS SHOWN ON THIS SHEET DO NOT CONSTITUTE A PART OF THE CONTRACT AND ARE INCLUDED FOR THE CONTRACTOR'S CONVENIENCE ONLY. IT IS NOT INTENDED TO IMPLY THAT THE CHARACTER OF MATERIALS IS THE SAME AS THAT SHOWN IN THE LOGS AT ANY POINT OTHER THAN WHERE THE BORING WAS MADE. THE CONTRACTOR SHALL SATISFY HIMSELF REGARDING THE CHARACTER AND AMOUNT OF ROCK, GRAVEL, SILT, CLAY AND WATER TO BE ENCOUNTERED IN THE WORK TO BE PERFORMED.

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



Call 811 or click Arizona811.com

PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX.

SOIL BORING LOGS

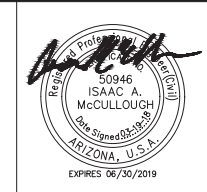
CITY OF PHOENIX, ARIZONA
STREET TRANSPORTATION DEPARTMENT

PINNACLE PEAK ROAD
45TH AVENUE TO 35TH AVENUE
ST85100400

DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18	32	121	

SCALE: N.T.S.

32-ST85100400BL.DWG

[illegible]

FALMA REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	ST85100400	33	121	
<u>03/18</u> DATE			STANLEY CONSULTANTS INC. CONSULTING ENGINEER		
DESIGN: IAM		DRAWN: IAM		CHECKED: MAL	


PROJECT: Pinnacle Peak Road Paving and Storm Drain Improvment				PROJECT NO.: 06100	
CLIENT: Steele Engineering, Inc.				DATE: 7/19-7/20/06	
LOCATION: Pinnacle Peak Road, 43rd Ave to 35th Ave, Phoenix, AZ				ELEVATION: not detrmind	
DRILLER: Wilcox				LOGGED BY: AG	
DRILLING METHOD: CME-75 8" HSA				DEPTH TO - WATER> INITIAL: none encountered	
DEPTH TO - WATER> AFTER 24 HOURS:				N/A	
BORING NO. B-10					
<small>File: 06100 Pinnacle Peak Road Paving and Storm Drain Improvment 11/7/2006</small>					
DEPTH (feet)	SOIL TYPE	BULK SAMPLES	USCS	Description	Plasticity Index
0				5" Asphalt Concrete	
			CL	14" Aggregate Base Course	
				Brown Sandy lean CLAY; trace gravel, damp	
5			SC 48"SD	Brown Clayey SAND with Gravel; damp Stiff	31
10				Very dense	
15				Dense	
				Boring terminated at 15 feet depth. Borehole backfilled with cuttings and patched with cold-mix asphalt.	
20					
25					
30					
35					

TEST RESULTS

Plastic Limit ————— Liquid Limit Water Content - ● Penetration - Δ	10 20 30 40 50
--	----------------

<div style="display: flex; justify-content: space-between;"> BORING LOG <div> PROJECT: Pinnacle Peak Road Paving and Storm Drain Improvement CLIENT: Steele Engineering, Inc. LOCATION: Pinnacle Peak Road, 43rd Ave to 35th Ave, Phoenix, AZ DRILLER: Wilcox DRILLING METHOD: CME-75 8" HSA DEPTH TO - WATER> INITIAL: none encountered </div> <div> PROJECT NO.: 06100 DATE: 7/19-7/20/06 ELEVATION: not dirrmd LOGGED BY: AG AFTER 24 HOURS: N/A </div> </div>															
BORING NO. B-11															
DEPTH (feet)	SOIL TYPE	BULK SAMPLES	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">USCS</th> <th style="width: 90%;">Description</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; vertical-align: top;">SM</td> <td> 5" Asphalt Concrete 13" Aggregate Base Course Brown Silty SAND with Gravel; damp </td> </tr> <tr> <td style="text-align: center; vertical-align: top;">GM 36"SD</td> <td> Brown Silty GRAVEL with Sand; damp Medium dense </td> </tr> <tr> <td></td> <td style="text-align: center; vertical-align: top;">Dense</td> </tr> <tr> <td></td> <td style="text-align: center; vertical-align: top;">Very dense</td> </tr> <tr> <td colspan="2" style="padding-top: 10px;"> Boring terminated at 15 feet depth. Borehole backfilled with cuttings and patched with cold-mix asphalt. </td> </tr> </tbody> </table>	USCS	Description	SM	5" Asphalt Concrete 13" Aggregate Base Course Brown Silty SAND with Gravel; damp	GM 36"SD	Brown Silty GRAVEL with Sand; damp Medium dense		Dense		Very dense	Boring terminated at 15 feet depth. Borehole backfilled with cuttings and patched with cold-mix asphalt.	
USCS	Description														
SM	5" Asphalt Concrete 13" Aggregate Base Course Brown Silty SAND with Gravel; damp														
GM 36"SD	Brown Silty GRAVEL with Sand; damp Medium dense														
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	Very dense														
Boring terminated at 15 feet depth. Borehole backfilled with cuttings and patched with cold-mix asphalt.															
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center; padding: 5px;">TEST RESULTS</th> </tr> </thead> <tbody> <tr> <td style="width: 50%; padding: 5px;"> Plastic Limit ————— Liquid Limit Water Content - ● Penetration - Δ </td> <td style="width: 50%; padding: 5px;"> </td> </tr> </tbody> </table>	TEST RESULTS		Plastic Limit ————— Liquid Limit Water Content - ● Penetration - Δ									
TEST RESULTS															
Plastic Limit ————— Liquid Limit Water Content - ● Penetration - Δ															

PROJECT: Pinnacle Peak Road Paving and Storm Drain Improvement				PROJECT NO.: 06100		
CLIENT: Steele Engineering, Inc.				DATE: 7/19-7/20/06		
LOCATION: Pinnacle Peak Road, 43rd Ave to 35th Ave, Phoenix, AZ				ELEVATION: not detdmd		
DRILLER: Wilcox				LOGGED BY: AG		
DRILLING METHOD: CME-75 8" HSA				DEPTH TO - WATER> INITIAL: none encountered		
DEPTH TO - WATER> AFTER 24 HOURS: N/A				TEST RESULTS		
DEPTH (feet)	SOIL TYPE	BULK SAMPLES	USCS	Description	Plasticity Index	TEST RESULTS
0			SC	5" Asphalt Concrete 12" Aggregate Base Course Brown Clayey SAND with Gravel; damp	18	Plastic Limit ———— Liquid Limit Water Content - ● Penetration - Δ
5			36"SD	Decrease in Gravel quantity Medium dense		
10						
15				Very dense, increase in Gravel and Sand quantities Boring terminated at 15 feet depth. Borehole backfilled with cuttings and patched with cold-mix asphalt.		
20						
25						
30						
35						





"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

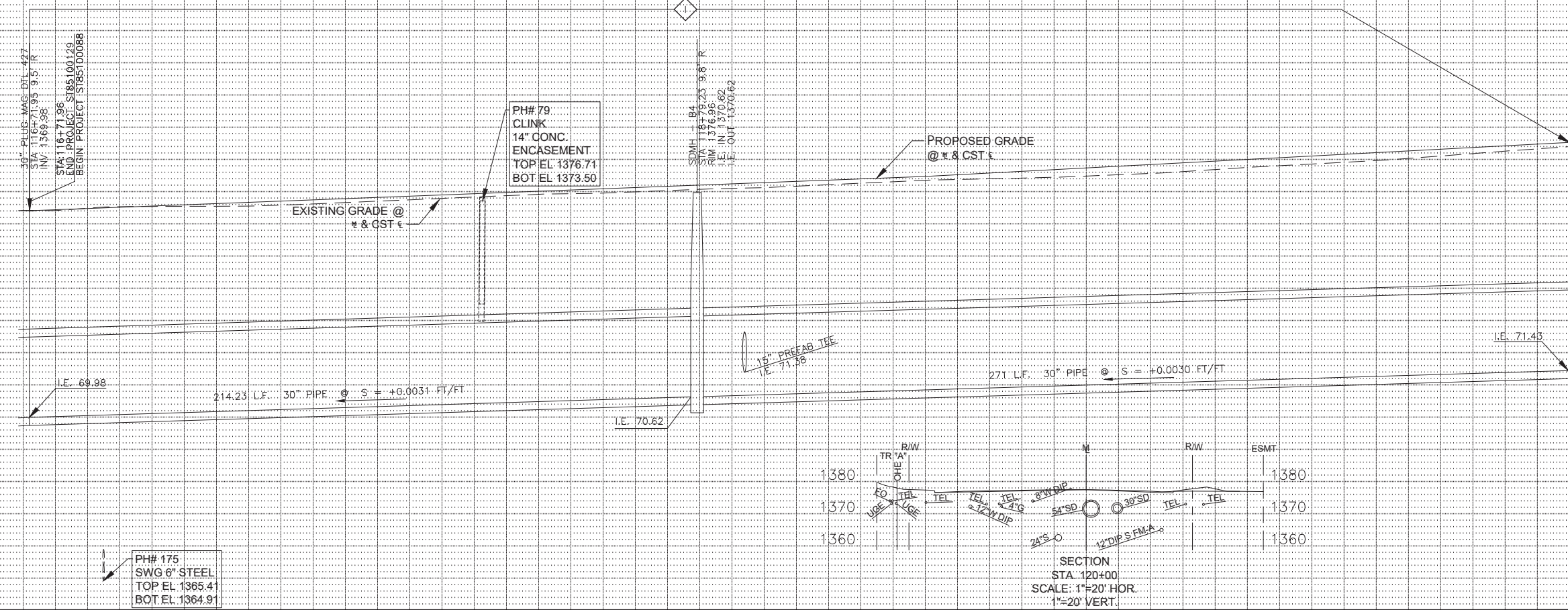
CITY OF PHOENIX, ARIZONA
STREET TRANSPORTATION DEPARTMENT

DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18			
SCALE: N.T.S.			33	121	

NOTES:
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[illegible]

MATCH LINE STA 121+50 - SEE SHEET 35



TBM:
 STA 119+59.13, 52.76' LT
 (PINNACLE PEAK ROAD)
 1/2" REBAR W/ PLASTIC CAP
 ELEVATION = 1377.03'

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



Call 811 or click Arizona811.com

SEE SHT 55 FOR CONNECTOR PIPES
 SEE SHT 6 FOR PAVING

PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS NECESSARY TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX.

STORM DRAIN LINE B

CITY OF PHOENIX, ARIZONA

STREET TRANSPORTATION DEPARTMENT

PINNACLE PEAK ROAD

45TH AVENUE TO 35TH AVENUE

ST85100400

DR: IAM DES: IAM CK: MAL

DATE: 03/18 DATE: 03/18 DATE: 03/18

SHEET NO:

34

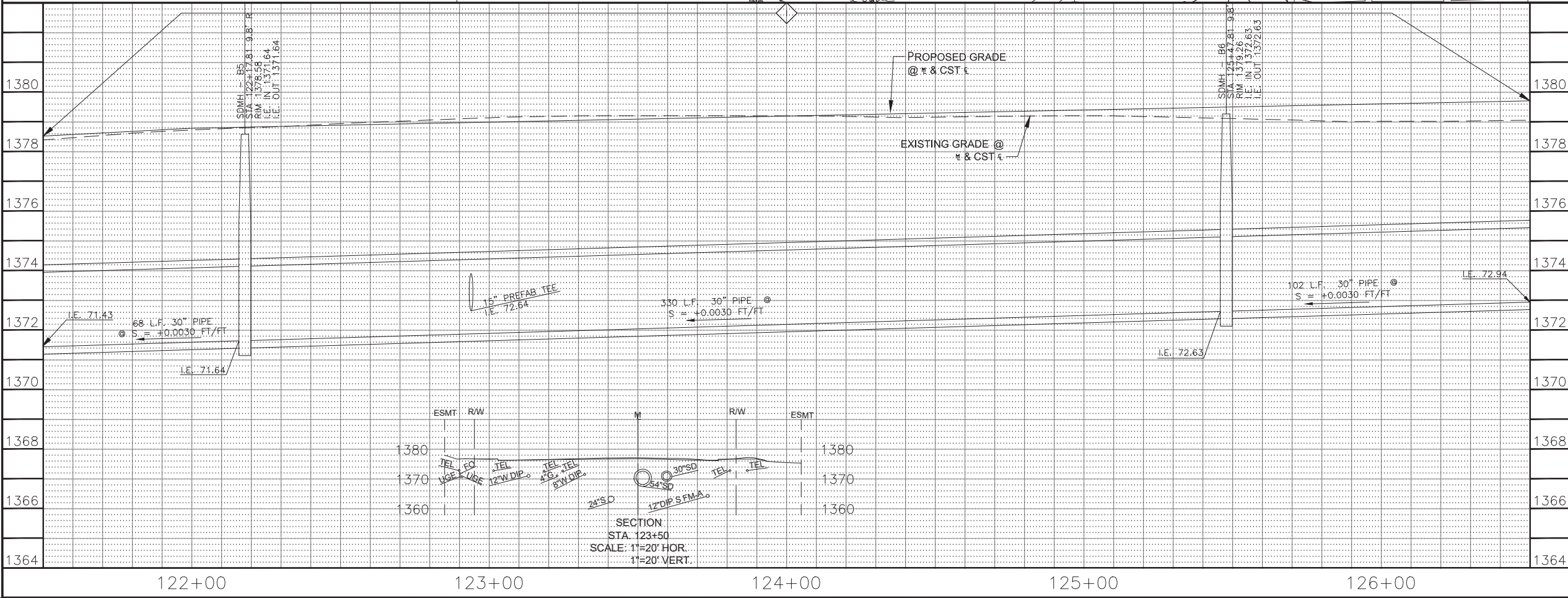
TOTAL SHEETS


121

AS BUILT

SCALE: 1" = 20' H., 1" = 2' V.

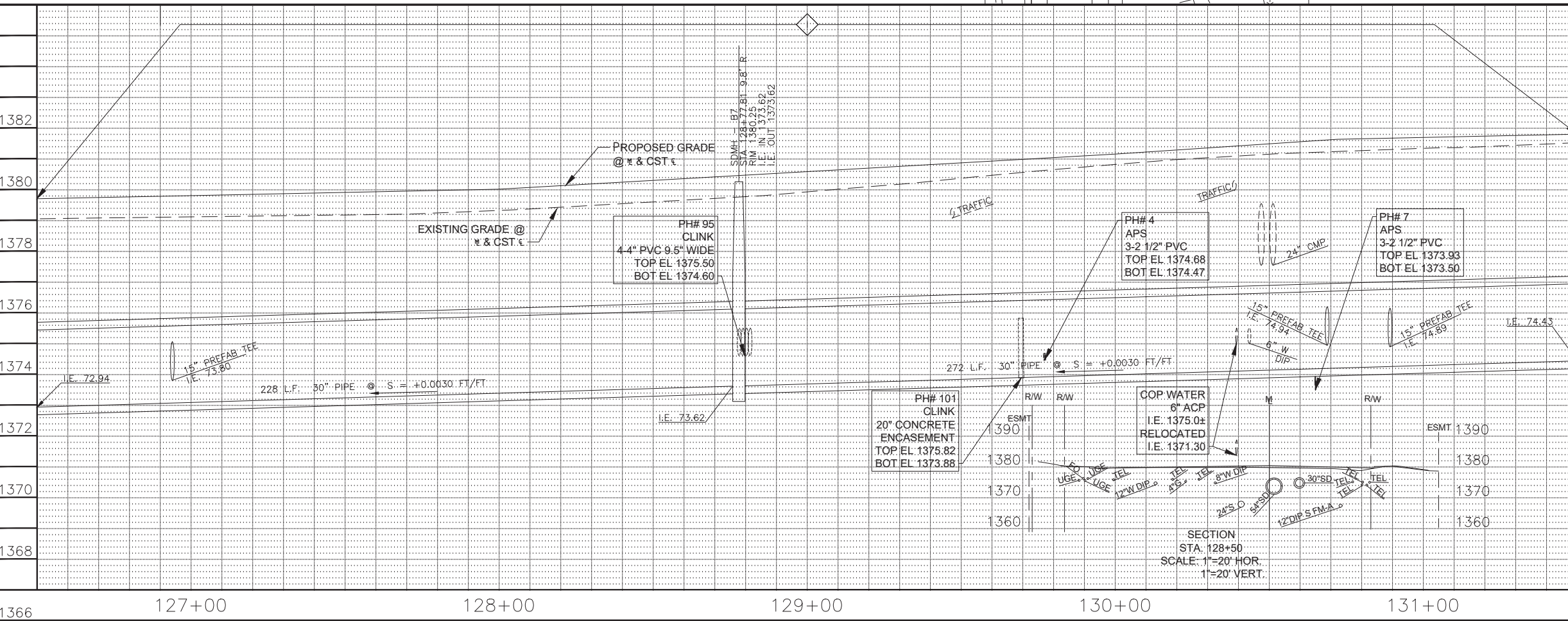
	NO.					



FALL/HA- REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARZ.	ST85100400	35	121	
03/18 DATE			STANLEY CONSULTANTS INC. CONSULTING ENGINEER		
DESIGN: IAM		DRAWN: IAM		CHECKED: MAL	
STORM DRAIN PIPE					
NO.	STATION TO STATION		SIZE	QUANTITY	
①	121+50.00 TO 122+17.81 RT		30"	68 LF	
②	122+47.81 TO 125+47.81 RT		30"	330 LF	
③	125+47.81 TO 126+50.00 RT		30"	102 LF	
PREFABRICATED TEE					
NO.	STATION		SIZE	QUANTITY	
①	122+93.88 RT		30"x30"x15"	1 EA	
STORM DRAIN MANHOLE					
NO.	STATION		TYPE		
B5	122+17.81 RT		COP STD DTL P1520 & MAG STD DTL 522		
B6	125+47.81 RT		COP STD DTL P1520 & MAG STD DTL 522		
<p>TBM:</p> <p>STA 119+59.13, 52.76' LT (PINNACLE PEAK ROAD) 1/2" REBAR W/ PLASTIC CAP ELEVATION = 1377.03'</p> <p>SEE SHT 55 FOR CONNECTOR PIPES SEE SHT 7 FOR PAVING</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>Contact Arizona 811 at least two full working days before you begin excavation</p>  <p>Call 811 or click Arizona811.com</p> </div> <p>"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."</p>					
STORM DRAIN LINE B					
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT					
PINNACLE PEAK ROAD 45TH AVENUE TO 35TH AVENUE ST85100400					
DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18 DATE: 03/18 DATE: 03/18			35	121	
SCALE: 1" = 20' H., 1" = 2' V.			35	121	

[illegible]

4
4317




TBM:

STA 129+38.28, 93.14' LT
(PINNACLE PEAK ROAD)
REBAR W/ PLASTIC CAP
ELEVATION = 1381.33'

SEE SHT 56 FOR CONNECTOR
PIPES
SEE SHT 8 FOR PAVING

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



Call 811 or click Arizona811.com

PER PLAN OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS
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THE CITY OF PHOENIX."

STORM DRAIN LINE B

CITY OF PHOENIX, ARIZONA

STREET TRANSPORTATION DEPARTMENT

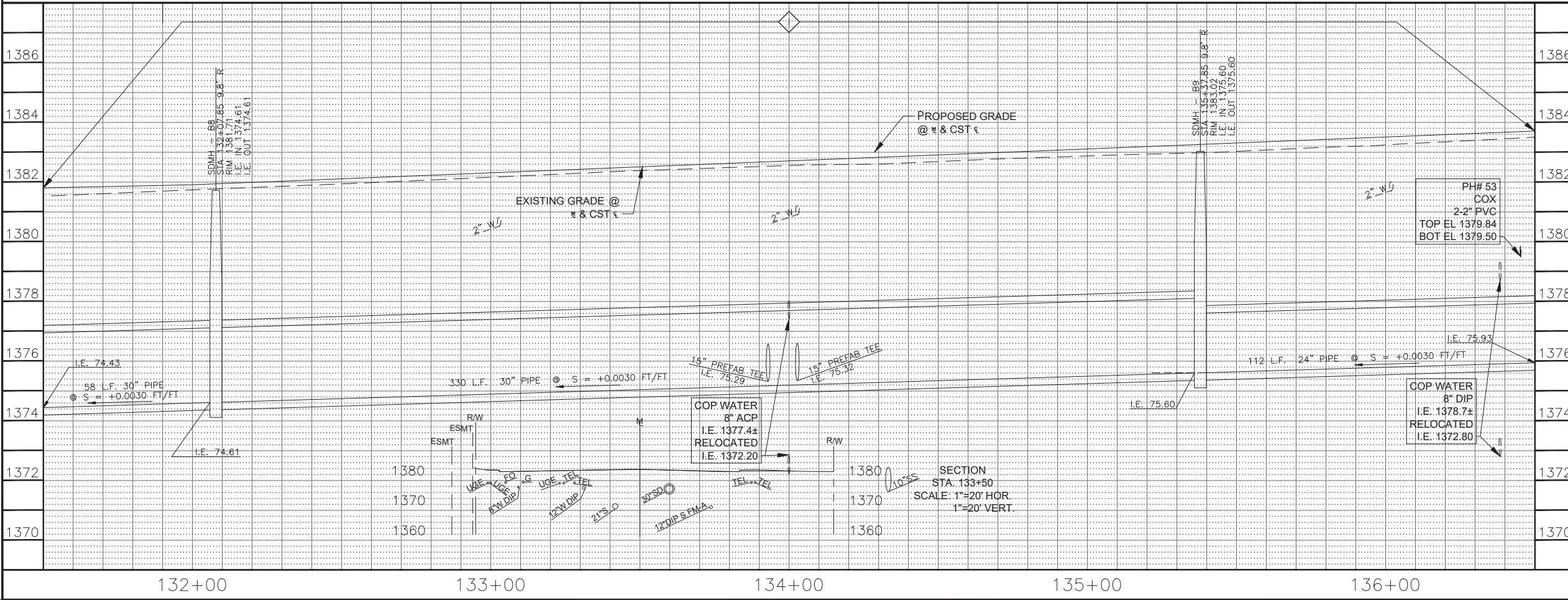
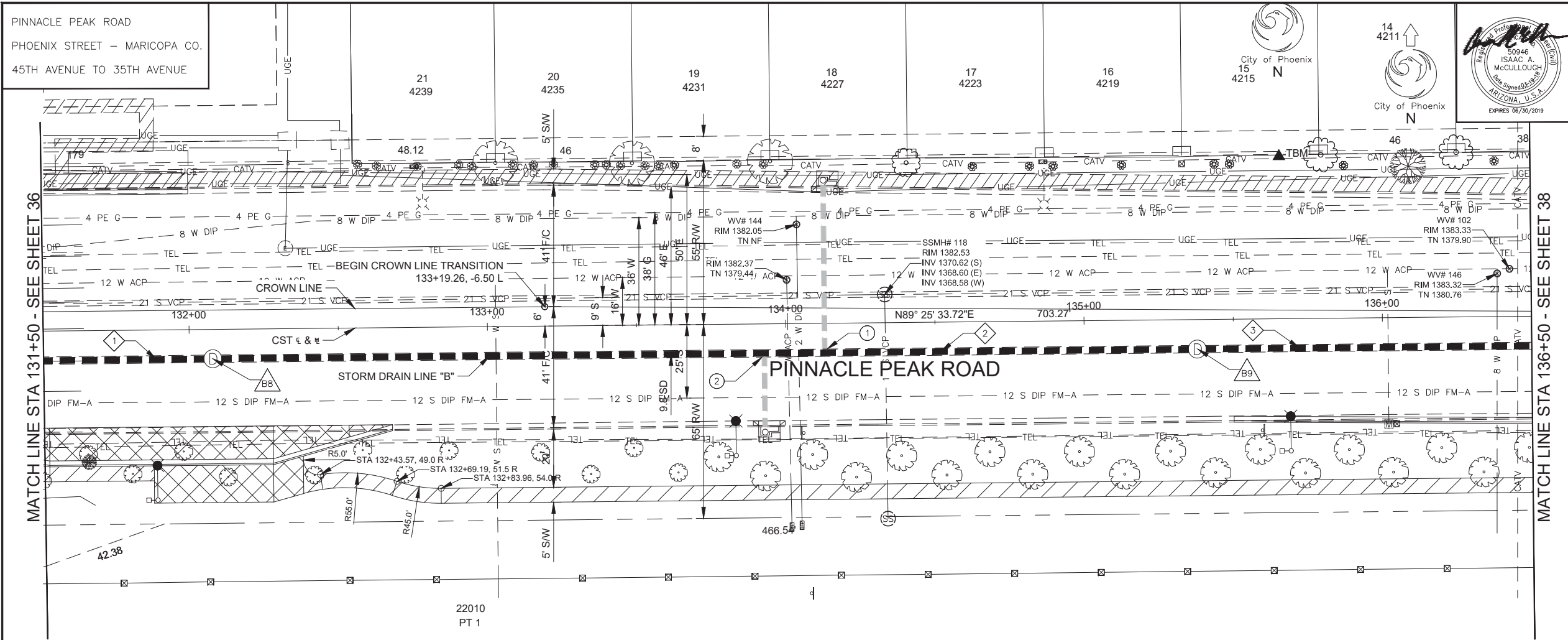
PINNACLE PEAK ROAD

45TH AVENUE TO 35TH AVENUE

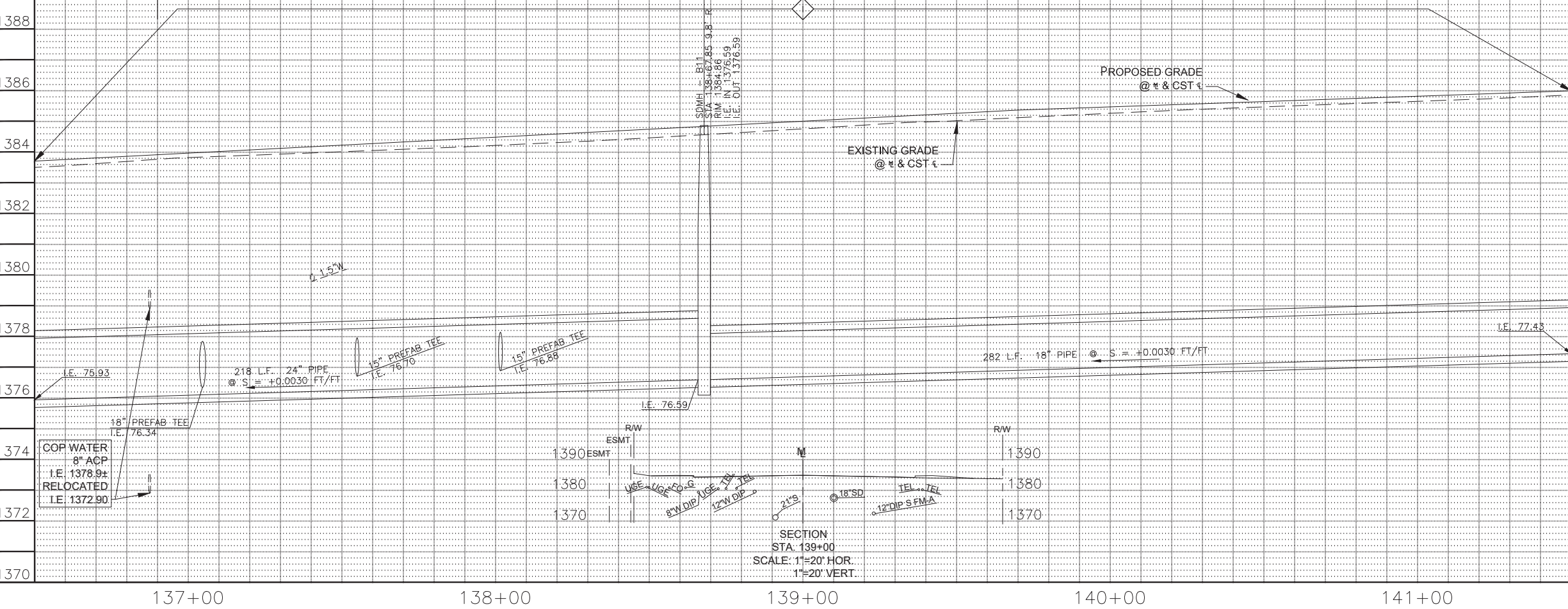
ST85100400

DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18			
SCALE: 1" = 20' H., 1" = 2' V.			36	121	

36-ST85100400SD.DWG

[illegible][illegible][illegible][illegible]

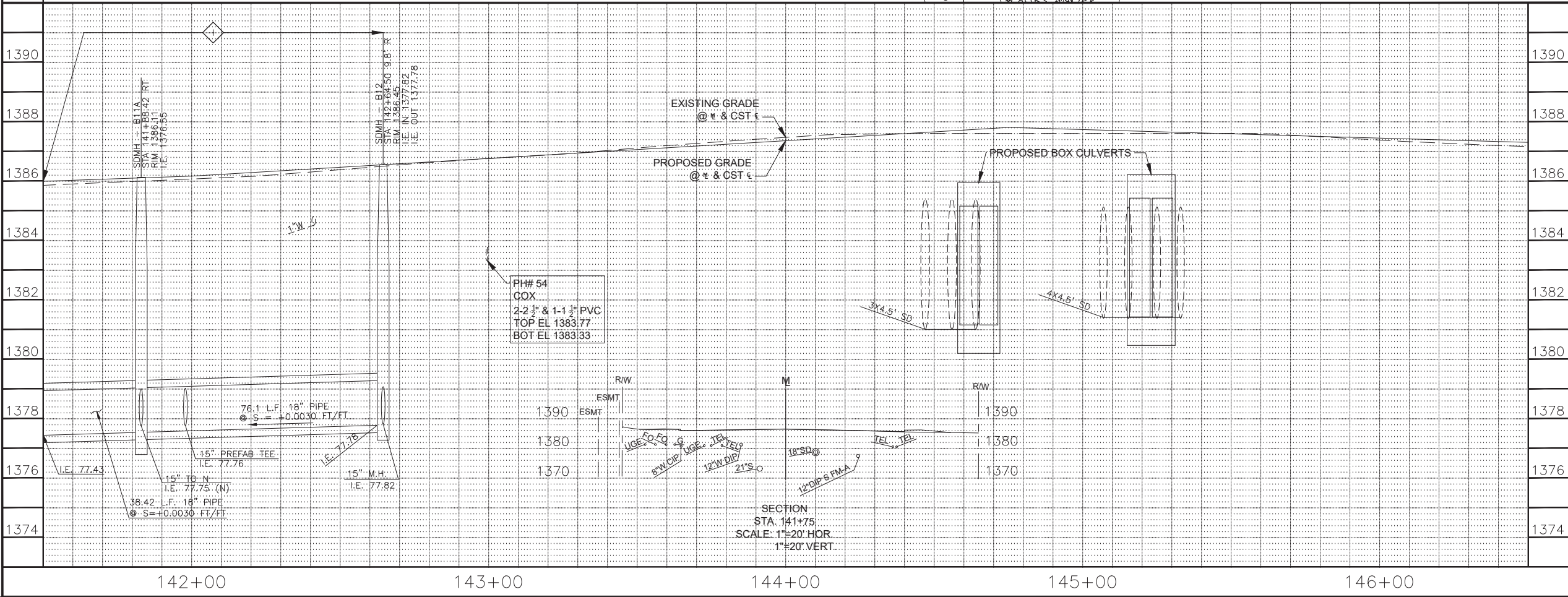
REVISION BY CITY OF PHOENIX			
NO.	DESCRIPTION	REV BY	CHK BY DATE





F.H.W.A. REGION 0	STATE ARIZ.	PROJECT NO. ST85100400	SHEET NO. 38	TOTAL SHEETS 121	AS BUILT
03/18 DATE		STANLEY CONSULTANTS INC. CONSULTING ENGINEER			
DESIGN: IAM		DRAWN: IAM		CHECKED: MAL	
STORM DRAIN PIPE					
NO.	STATION TO STATION		SIZE	QUANTITY	
①	136+50.00 TO 138+67.85		24"	218 LF	
②	138+67.85 TO 141+50.00		18"	282 LF	
PREFABRICATED TEE					
NO.	STATION	SIZE	QUANTITY		
①	137+03.28 RT	24"x18"x18"	1 EA		
②	137+53.75 RT	24"x24"x15"	1 EA		
③	138+01.58 RT	24"x24"x15"	1 EA		
STORM DRAIN MANHOLE					
NO.	STATION	TYPE			
811	138+67.85 RT	COP STD DTL P1520 & MAG STD DTL 522			
<p>TBM: STA 135+65.86, 54.31' LT (PINNACLE PEAK ROAD) 1/2" REBAR W/ PLASTIC CAP ELEVATION = 1383.76'</p> <p>SEE SHT 57 FOR CONNECTOR PIPES SEE SHT 10 FOR PAVING</p>					
<p>Call 811 or click Arizona811.com</p>					
<p>"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."</p>					
STORM DRAIN LINE B					
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT					
PINNACLE PEAK ROAD 45TH AVENUE TO 35TH AVENUE ST85100400					
DR: IAM	DES: IAM	CK: MAL	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 03/18	DATE: 03/18	DATE: 03/18	NO:		
SCALE: 1" = 20' H., 1" = 2' V.			38	121	

38-ST85100400SD.DWG

REVISION BY CITY OF PHOENIX			
NO.	DESCRIPTION	REV BY	CHKD BY DATE



 TM: STA 145+54.87, 91.42' LT (PINNACLE PEAK ROAD) 1/2" REBAR W/ PLASTIC CAP ELEVATION = 1378.16'					
<div style="border: 2px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> Contact Arizona 811 at least two full working days before you begin excavation  Call 811 or click Arizona811.com </div>					
SEE SHT 58.61 & 66 FOR CONNECTOR PIPES SEE SHTS 11 & 12 FOR PAVING					
PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX.					
<h1 style="margin: 0;">STORM DRAIN LINE B</h1>					
<h2 style="margin: 0;">CITY OF PHOENIX, ARIZONA</h2> <h3 style="margin: 0;">STREET TRANSPORTATION DEPARTMENT</h3>					
<h1 style="margin: 0;">PINNACLE PEAK ROAD</h1> <h2 style="margin: 0;">45TH AVENUE TO 35TH AVENUE</h2> <h3 style="margin: 0;">ST85100400</h3>					
DR: IAM DATE: 03/18	DES: IAM DATE: 03/18	CK: MAL DATE: 03/18	SHEET NO:	TOTAL SHEETS	AS BUILT
SCALE: 1" = 20' H., 1" = 2' V.			39	121	

[illegible]