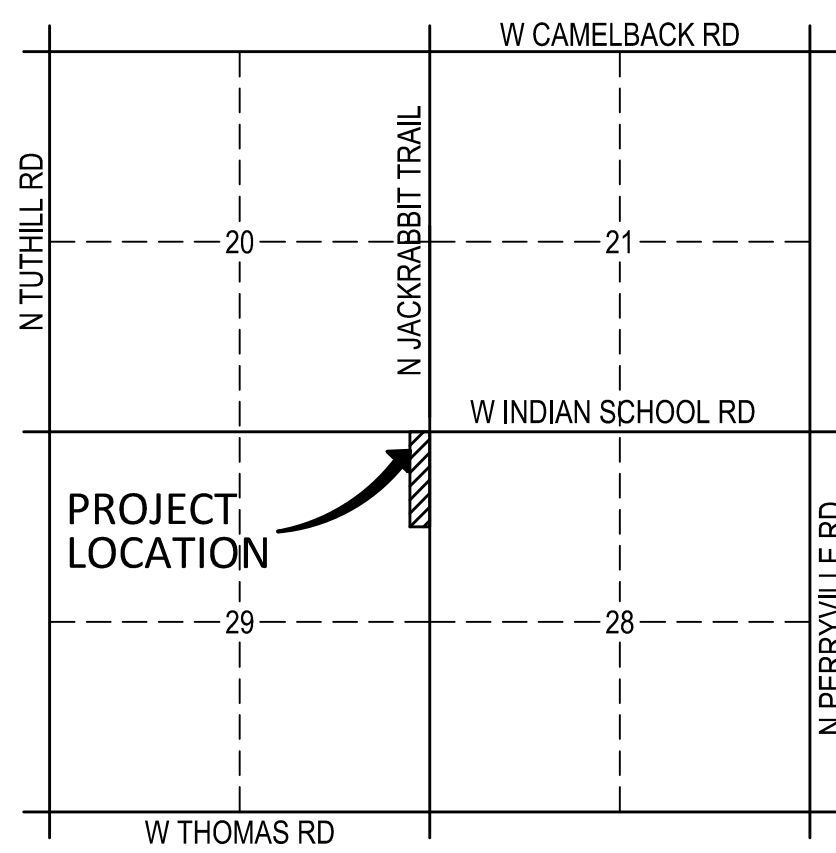


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30	29	28	27	26	25
31	32	33	34	35	36

VICINITY MAP
NOT TO SCALE



KEY MAP
NOT TO SCALE

FEMA FLOOD ZONE INFORMATION

COMMUNITY NUMBER	PANEL # PANEL DATE	SUFFIX	DATE OF FIRM (INDEX DATE)	FIRM ZONE	BASE FLOOD ELEV. (IN AO ZONE, USE DEPTH)
C.O.B. 040039	2130 APRIL 15, 1988	L	MARCH 14, 2014	ZONE AE & ZONE X	NA

ALL FLOOD ZONES ARE SHOWN IN THIS PLAN SET.

GENERAL PERMITTING NOTES

- ALL CONSTRUCTION IN THE PUBLIC RIGHTS-OF-WAY OR IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION AS AMENDED BY THE LATEST VERSION OF THE CITY OF BUCKEYE DESIGN STANDARDS. IF THERE IS A CONFLICT, THE CITY OF BUCKEYE STANDARDS WILL GOVERN.
- THE APPROVAL OF THE PLANS IS VALID FOR ONE (1) YEAR FROM THE DATE OF THE CITY ENGINEER'S SIGNATURE. IF AN ENCROACHMENT PERMIT FOR THE CONSTRUCTION HAS NOT BEEN ISSUED WITHIN ONE (1) YEAR, THE PLANS MUST BE RESUBMITTED TO THE CITY FOR REAPPROVAL.
- A CITY OF BUCKEYE INSPECTOR WILL INSPECT ALL WORKS WITHIN THE CITY OF BUCKEYE RIGHTS-OF-WAY AND IN EASEMENTS. NOTIFY THE CITY 24 HOURS PRIOR TO THE INSPECTION BY CALLING (623) 349-6248.
- CITY PERMITS ARE REQUIRED FOR ALL WORK IN PUBLIC RIGHTS-OF-WAY AND EASEMENTS GRANTED FOR PUBLIC PURPOSES. A CITY PERMIT WILL BE ISSUED BY THE CITY ONLY AFTER ALL FEES HAVE BEEN PAID AND THE PERMIT HAS AN APPROVED MARICOPA COUNTY ENVIRONMENTAL SERVICES DUST PERMIT AND AN APPROVED STORM WATER POLLUTION PREVENTION PLAN ATTACHED. THE SWPPP SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.
- COPIES OF ALL PERMITS AND MOST RECENT APPROVED PLANS MUST BE RETAINED ON-SITE AND BE AVAILABLE FOR INSPECTION AT ALL TIMES. FAILURE TO PRODUCE THE REQUIRED PERMITS AND PLANS WILL RESULT IN IMMEDIATE SUSPENSION OF ALL WORK UNTIL PROPER PERMIT DOCUMENTATION AND/OR PLANS ARE OBTAINED. ALL OF THESE REQUIREMENTS APPLY TO ONSITE GRADING AND IMPROVEMENT PLANS.

BASIS OF BEARING

THE EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 2 NORTH, THE RANGE 2 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN AS SHOWN ON THE "RESULT OF SURVEY VERRADO" RECORDED IN BOOK 602, PAGE 30, MCR SAID LINE BEARS N00°10'17"E (GROUND CONTROL).

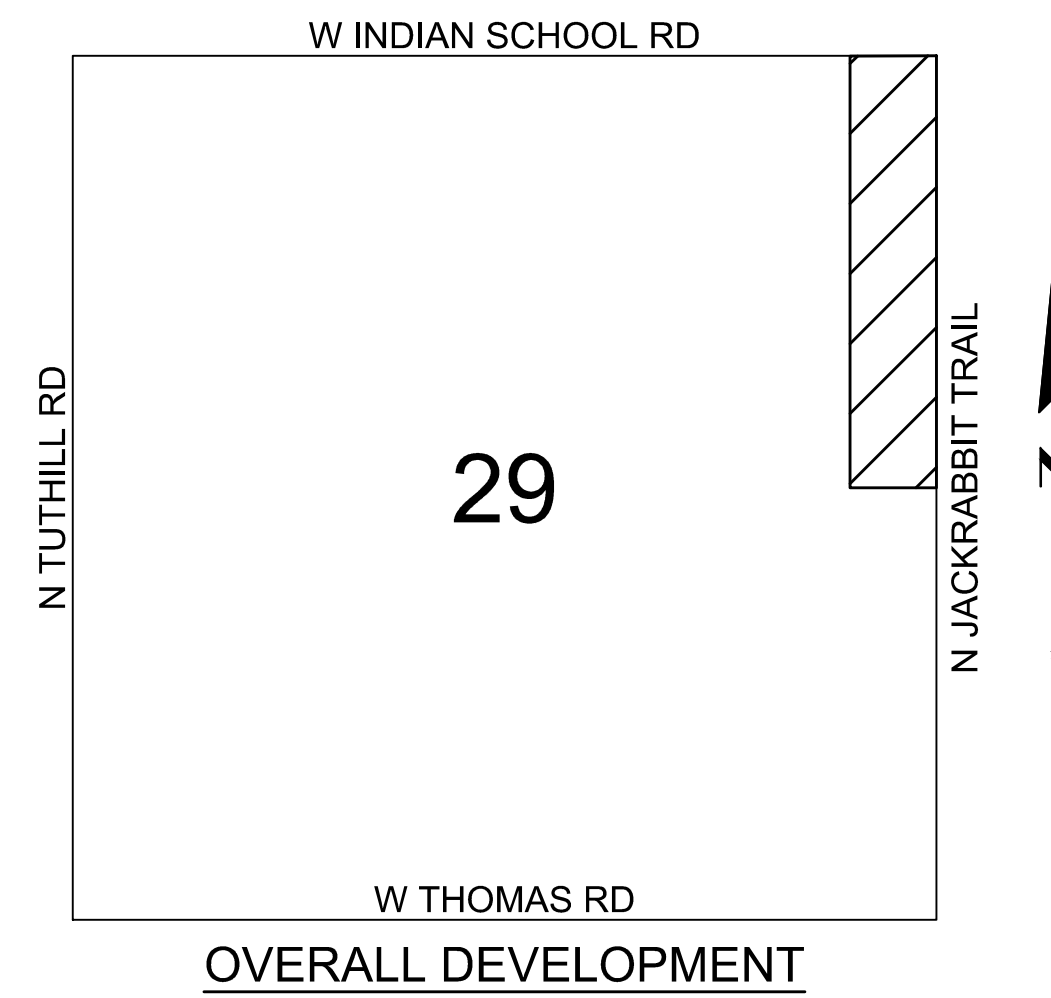
BENCH MARK

MARICOPA COUNTY BRASS CAP STAMPED T2N, R2WS, S20, S21, S28, S28 RLS 33315, 2010 IN HANDHOLE AT THE INTERSECTION OF JACKRABBIT TRAIL AND INDIAN SCHOOL ROAD, SOUTHEAST CORNER OF SECTION 20, TOWNSHIP 2 NORTH, RANGE 2 WEST, GILA AND SALT RIVER MERIDIAN.

ELEVATION=1160.56 VERRADO NGVD/29 DATUM
(ADD 1.92' TO ACHIEVE NAVD 88)

JACKRABBIT TRAIL / 195TH AVE IMPROVEMENT SIGNING & PAVEMENT MARKING PLAN

LYING WITHIN SECTION 29, TOWNSHIP 2 NORTH, RANGE 2 WEST, OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA



OVERALL DEVELOPMENT
NOT TO SCALE

THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY GENERAL NOTES

- 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.
- 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.
- 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.
- CONTRACTOR PERFORMING EXCAVATION OPERATIONS IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND UTILITIES.
- 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.
- 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.
- 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.

SPEED LIMIT NOTE

- THE POSTED SPEED LIMIT ALONG JACKRABBIT TRAIL / 195TH AVE. IS 45 MPH

UTILITY COMPANIES DATE SUBMITTED

UTILITY COMPANIES	DATE SUBMITTED	
ELECTRIC	APS	10/21/2019
WATER	ARIZONA WATER COMPANY	10/21/2019
TELEPHONE	COX COMMUNICATIONS	10/21/2019
CATV	COX COMMUNICATIONS	10/21/2019
FIBER	MCI	10/21/2019
WATER	EPCOR WATER	10/21/2019
SEWER	EPCOR WATER	10/21/2019
GAS	SOUTHWEST GAS	10/21/2019
FIBER	WANRACK LLC	10/21/2019
FIBER	CENTURY LINK	10/21/2019
SEWER	CITY OF BUCKEYE	10/21/2019
WATER	CITY OF BUCKEYE	10/21/2019
TRAFFIC	CITY OF BUCKEYE	10/21/2019
FIBER	CITY OF BUCKEYE	10/21/2019
STORM DRAIN	CITY OF BUCKEYE	10/21/2019

SHEET INDEX

1	COVER
2	NOTES, LEGEND & INDEX MAP
3	ROW PERMIT GENERAL NOTES
4	OBLITERATION PLAN
5-6	SIGNING & PAVEMENT MARKING PLAN
7-8	SIGN SUMMARY
8	TOTAL

ENGINEER

WOOD, PATEL AND ASSOCIATES, INC.
2051 W. NORTHERN AVENUE, SUITE 100
PHOENIX, ARIZONA 85021
CONTACT: ETHAN BOYLE, PE
PHONE: (602) 335-8500
FAX: (602) 335-8580
EMAIL: EBOYLE@WOODPATEL.COM

OWNER/DEVELOPER

CIRCLE ROAD COMPANIES
4455 EAST CAMELBACK ROAD, SUITE #C140
MR. DAVID BRUNER, PRESIDENT CEO
PHOENIX, AZ 85018
PHONE: (480) 607-7373
EMAIL: DBRUNER@CIRCLEROAD.COM

APPROVAL

DISCLAIMER:

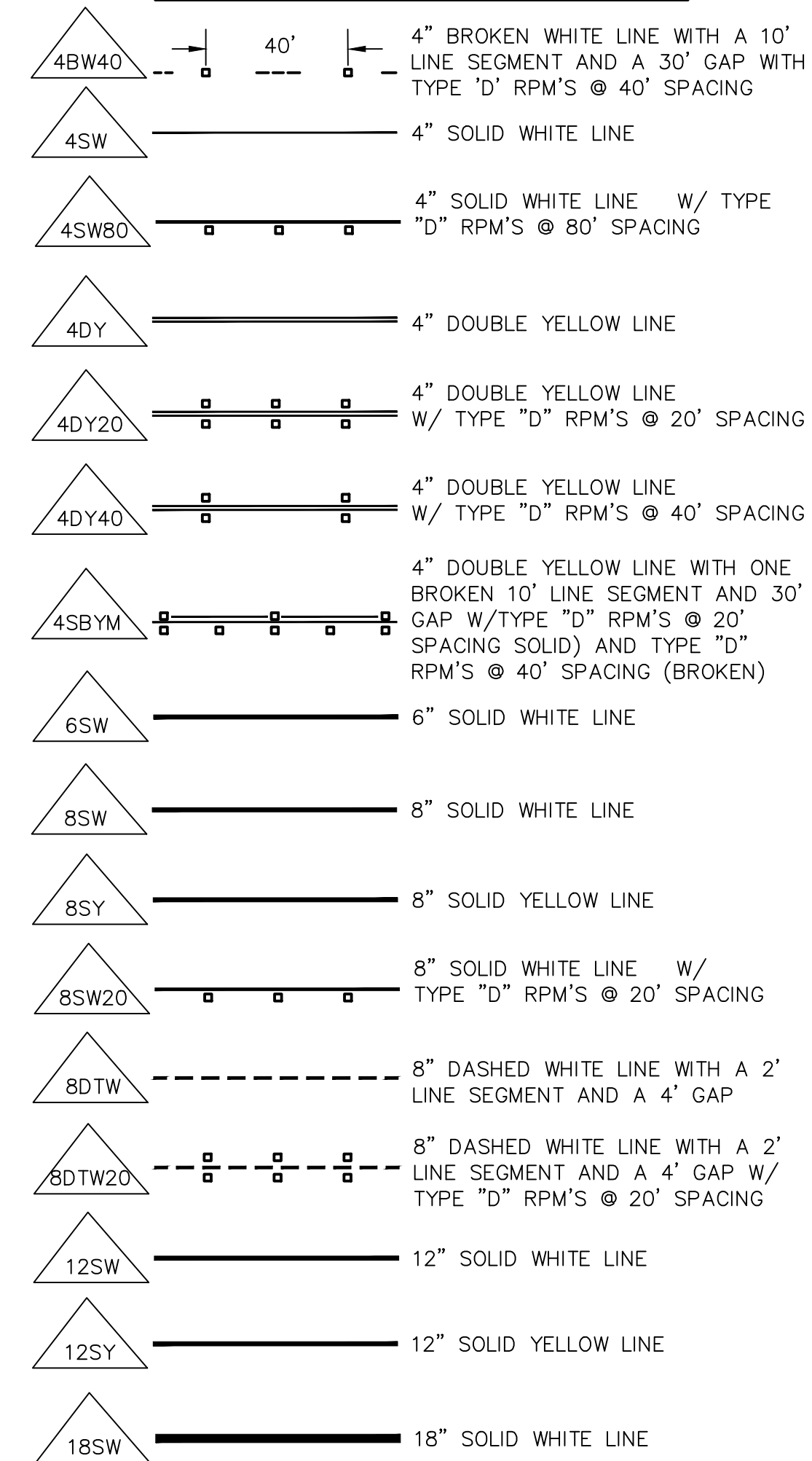
THE CITY APPROVES THESE PLANS FOR CONCEPT ONLY AND ACCEPTS NO LIABILITY FOR ERRORS AND OMISSIONS.

BY: CITY OF BUCKEYE ENGINEER

BY: FLOOD CONTROL DISTRICT MARICOPA COUNTY

(OTHER SIGNATURE LINES AS REQUIRED)

PAVEMENT MARKING LEGEND



AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE "AS - BUILT" INFORMATION SHOWN HEREON WAS OBTAINED UNDER MY DIRECT SUPERVISION AND IS CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ARIZONA REGISTERED LAND SURVEYOR DATE

ARIZONA REGISTRATION NUMBER

TELEPHONE NUMBER



MANAGING ENGINEERING / SURVEYOR ETHAN BOYLE, PE	PROJECT COORDINATOR ETHAN BOYLE, PE	CHECKED	EAB	CHECKED						
		DRAFTED	MAG	DRAFTED						
DESIGN LAYOUT		DMS	FIELD SURVEY	DRAWING SCALES						
COVER SHEET										
 Wood, Patel & Associates, Inc. Civil Engineering Vertical Curves Land Survey Construction Management 602.335.8500 www.woodpatel.com										
PROJECT: JACKRABBIT TRAIL / 195TH AVE IMPROVEMENT BUCKEYE, AZ. PLAN TYPE: COVER SHEET ENGINEER INFORMATION: WOOD PATEL COB PROJECT PLAN STICKER										
REVISIONS:										
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COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL	SUBMITTAL:								
AS-BUILT SEAL	DESIGN SEAL									
ORIGINAL PLAN DATE 2/26/20	LATEST REVISION DATE	COB PLAN TRACKING # ENG-19-10265								
PROJECT NUMBER 164455.03	SHEET NUMBER 1 of 8	COB PERMIT # TC201902215								

**CITY OF BUCKEYE:
GENERAL CONSTRUCTION NOTES**

(Detail No. 12100-1-3)

- CITY OF BUCKEYE BUILDING DEPARTMENT SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF ANY ON-SITE OR OFF SITE CONSTRUCTION. PHONE 623-349-6248 FOR THE HOTLINE. ALL OTHERS FAX THE INSPECTION REQUEST FORM TO 623-349-6221, OR USE THE WEB BASED PERMIT PORTHOLE ACCESS TO SCHEDULE AN INSPECTION (WWW.BUCKEYEAZ.GOV).
- ALL WORK AND MATERIALS MUST CONFORM WITH THESE SPECIFICATIONS, THE CURRENT UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION AS SPONSORED AND DISTRIBUTED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS (M.A.G.) AND AS AMENDED BY THE CITY OF BUCKEYE (COB).
- A PERMIT IS REQUIRED FROM THE COB FOR ALL CONSTRUCTION WITHIN THE RIGHTS-OF-WAY (ROW).
- THE CONTRACTOR WILL EXPOSE ALL EXISTING UTILITY LINES BEING TIED IN TO VERIFY THEIR LOCATION.
- THE CONTRACTOR WILL LOCATE, OR HAVE LOCATED, ALL EXISTING UNDERGROUND UTILITIES (ELECTRIC, TELEPHONE, PIPELINE, ETC.) AND STRUCTURES IN ADVANCE OF CONSTRUCTION AND WILL ELIMINATE ALL CONFLICTS PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE TO CALL BLUE STAKE PRIOR TO STARTING ANY CONSTRUCTION. NO WORK SHALL BEGIN UNTIL BLUE STAKE IS COMPLETED. BLUE STAKE TELEPHONE NUMBER 602-263-1100 OR 1-800-STAKE-IT.
- A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO STARTING ANY WORK OR NEW PHASE OF WORK. THE CONTRACTOR, KEY SUB-CONTRACTORS, COB INSPECTOR AND REPRESENTATIVE OF THE CITY ENGINEER SHALL ATTEND THIS MEETING.
- ANY WORK PERFORMED WITHOUT THE APPROVAL OF THE COB AND/OR ALL WORK AND MATERIAL NOT IN CONFORMANCE WITH THE SPECIFICATIONS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- DISPOSAL OF EXCESS MATERIAL WITHOUT A PERMIT WITHIN THE COB LIMITS IS PROHIBITED. A USE PERMIT IS REQUIRED FOR DISPOSAL OR STOCKPILING OF MATERIALS WITHIN A RESIDENTIAL AREA. STOCKPILING OF EXCAVATED MATERIAL SHALL NOT EXCEED A HEIGHT OF 6 FEET ABOVE THE NATURAL GROUND ELEVATION. THE SLOPES ON ALL SIDES OF THE STOCKPILED EXCAVATED MATERIAL SHALL NOT EXCEED A 4:1 RATIO OF LENGTH TO HEIGHT.
- EXCAVATION CONTRACTORS MUST IDENTIFY LOCATION FOR DISPOSING OF EXCESS EXCAVATION MATERIAL ALONG WITH A LETTER FROM THE LAND OWNER, GIVING PERMISSION FOR DUMPING PRIOR TO STARTING ANY CONSTRUCTION.
- TRAFFIC CONTROL SHALL BE PROVIDED AND MAINTAINED IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THE CITY OF PHOENIX BARRICADING MANUAL, MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION, M.A.G. UNIFORM STANDARD DETAIL 401, AND COB REQUIREMENTS. THE CONTRACTOR IS REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN AND BARRICADE PLAN TO THE COB FOR APPROVAL WHERE THE CONSTRUCTION OF THE NEW IMPROVEMENTS ARE ADJACENT TO OR CONNECTING TO ANY EXISTING ROADWAY OR PEDESTRIAN FACILITIES. THE TRAFFIC CONTROL PLAN AND BARRICADE PLAN SHALL BE APPROVED BEFORE A PERMIT FOR THE WORK WILL BE ISSUED. THE CONTRACTOR SHALL INSTALL APPROVED BARRICADING AND TRAFFIC CONTROL, AS APPROVED BY THE COB, BEFORE WORK CAN TAKE PLACE. ALL OVERNIGHT BARRICADES SHALL BE LIT AND FUNCTIONING.
- A HAUL PLAN FOR MATERIAL IMPORT OR EXPORT SHALL BE REQUIRED FOR COB REVIEW AND APPROVAL PRIOR TO THE START OF HAULING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY AND FINAL CLEAN-UP OPERATIONS OF ADJACENT, EXISTING PAVED STREETS USED BY CONSTRUCTION TRAFFIC. THIS WORK INCLUDES STREET SWEEPING, POWER BROOM AND WATER AS NEEDED OR DIRECTED BY THE COB.
- ENVIRONMENTAL REQUIREMENTS
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL RELATED TO THE PROJECT CONSTRUCTION AND SHALL TAKE WHATEVER MEANS NECESSARY TO CONTROL ANY ABNORMAL CONDITIONS.
 - THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS FOR CLEANING TRUCKS AND/OR OTHER EQUIPMENT OF MUD PRIOR TO ENTERING PUBLIC STREETS, AND TAKE WHATEVER MEASURES ARE NECESSARY TO INSURE THAT ALL ROADS ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY AND FINAL CLEAN-UP OPERATIONS OF ADJACENT, EXISTING PAVED STREETS USED BY CONSTRUCTION TRAFFIC.
 - TEMPORARY DRAINAGE CONTROL MEASURES MAY BE REQUIRED DURING AND AFTER CONSTRUCTION UNTIL FINAL PROJECT BUILD-OUT IN ACCORDANCE WITH THE APPROVED PLANS AND IN ACCORDANCE WITH ANY ESTABLISHED OR REQUIRED BEST MANAGEMENT PRACTICES (BMP) AS PART OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MEET ALL REQUIREMENTS.
 - THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL AIR QUALITY PERMITS.
 - THE CONTRACTOR SHALL SUBMIT TO THE COB A COPY OF THEIR APPROVED COUNTY (AIR QUALITY) DUST CONTROL PLAN, EROSION CONTROL PLAN (SWPPP), AND PERMIT PRIOR TO THE START OF WORK.
- STREET CUTS: APPLICATIONS FOR STREET CUT PERMITS MUST BE APPROVED BY THE CITY ENGINEER PRIOR TO APPROVAL OF IMPROVEMENT PLANS. THE PAVEMENT REPLACEMENT SECTION FOR ALL LONGITUDINAL AND TRANSVERSE TRENCHES LOCATED IN AN EXISTING PAVED STREET SHALL BE CONSTRUCTED IN ACCORDANCE M.A.G. UNIFORM STANDARD DETAIL NO. 200 "T-TOP, BACKFILL, PAVEMENT SURFACE REPLACEMENT, MODIFIED AS FOLLOWS: THE WIDTH OF THE REPLACED PAVEMENT SECTION EXTEND 1 FOOT BEYOND THE TRENCH SIDE EDGE LINE, ON EITHER SIDE OF THE TRENCH. THE DEPTH OF THE PERMANENT

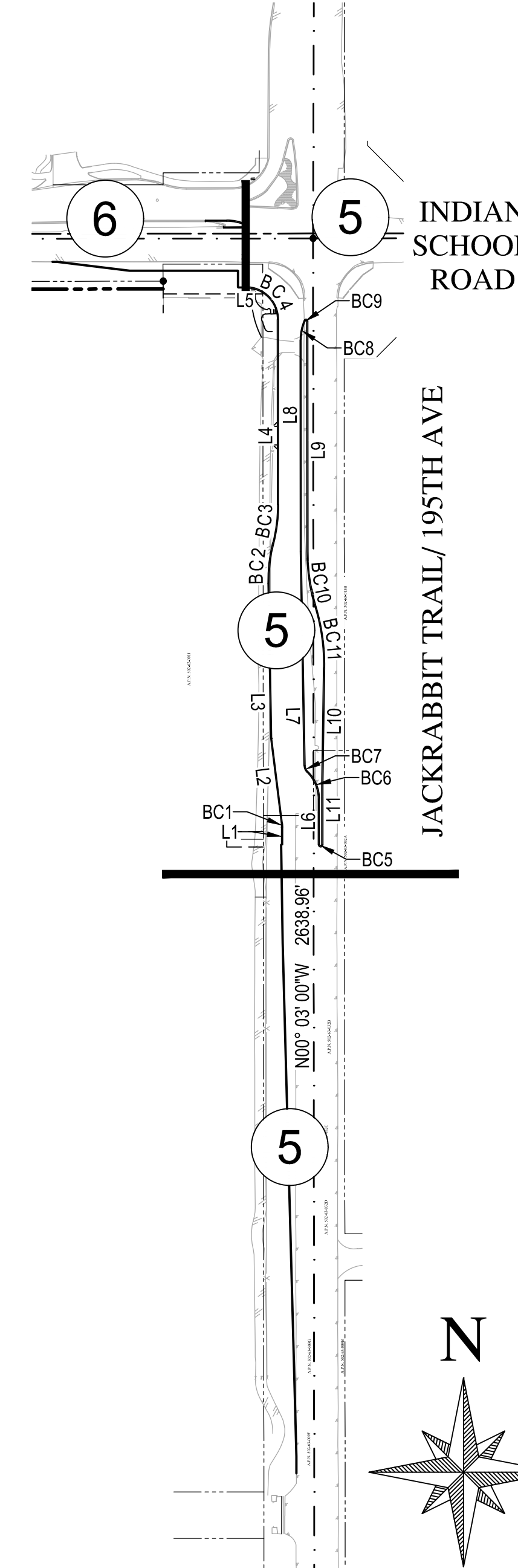
- SURFACE REPLACEMENT SHALL BE A MINIMUM OF 3 INCHES OR MATCH THE EXISTING THICKNESS OF THE PAVEMENT, WHICHEVER IS GREATER. SAWCUT OR CONSTRUCTION JOINTS SHALL BE ADEQUATELY TACK OILED WITH A MINIMUM OF 95% COVERAGE. ASPHALT MATERIAL SHALL BE A COB APPROVED MIX DESIGN WITH COMPACTED LIFTS NO GREATER THAN 3 INCHES. SLURRY BACKFILLED OR OPEN TRENCHES IN EXISTING ROADWAYS MUST BE PROPERLY STEEL PLATED AND BARRICADED OVER NIGHT. STEEL PLATES TO BE MILLED FLUSH WITH ROADWAY SURFACE PER NOTE 24. "COLD MIX" TEMPORARY ASPHALT PATCHES MUST BE REPLACED AS SOON AS POSSIBLE AND CANNOT REMAIN FOR MORE THAN 5 DAYS TIME OR AS REQUIRED BY THE COB. DURING THE 5 DAY PERIOD THE CONTRACTOR IS REQUIRED TO MAINTAIN THE PATCH TO WITHIN MAG STD SPEC 321.5.3. ASPHALT IN PLACE FOR LESS THAN 5 YEARS SHALL BE MILLED AND OVERLAYED A MINIMUM OF 20 FEET PAST TRENCH WALLS, AND IN THE CASE OF MULTIPLE STREET CUTS, THE CONTINUOUS MILL AND OVERLAY SHALL EXTEND A MINIMUM OF 20-FOOT PAST END OF THE FURTHEST TRENCH WALLS.
- POTHOLES: NO POTHOLES SHALL BE DONE ON ANY STREET NEWER THAN 2 YEARS OLD. ALL POTHOLES IN EXISTING STREETS SHALL BE DONE USING WATER/AIR/VACUUM TYPE METHOD. POTHOLE SIZE SHALL BE LIMITED TO A 12 INCH BY 12 INCH SQUARE HOLE. REMOVAL MATERIAL CANNOT BE USED FOR BACK FILL. THE CONTRACTOR SHALL USE SLURRY PER MAG SEC. 728. PAVEMENT REPLACEMENT SHALL BE BY APPROVED HOT MIX ASPHALT ONLY. A 3 FOOT BY 3 FOOT PAVEMENT SLURRY SEAL SHALL BE APPLIED AFTER THE ASPHALT IS PLACED.
 - AN APPROVED, UP-TO-DATE SET OF PLANS AND A RIGHT-OF-WAY PENNIT SHALL BE MAINTAINED ON THE JOB SITE AT ALL TIMES WHILE WORK IS IN PROGRESS. IF THE PLANS AND PERMITS ARE NOT ON SITE, THE WORK SHALL BE STOPPED UNTIL THE APPROVED PLANS ARE PROVIDED. DEVIATION FROM THE PLANS SHALL NOT BE ALLOWED WITHOUT THE COB'S APPROVAL.
 - DAMAGE TO ANY AND ALL ITEMS CAUSED BY CONSTRUCTION OR CONSTRUCTION RELATED WORK SHALL BE REPLACED OR REPAIRED TO THE SAME OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE.
 - ALL PARCEL CONSTRUCTION ACCESS LOCATIONS ARE SUBJECT TO THE CITY ENGINEER'S APPROVAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PROPER AND ADEQUATE ACCESS ROADS INSIDE AND THROUGHOUT THE PARCEL ALLOWING FOR INSPECTION ACCESSIBILITY. THIS INCLUDES GRADING, GRAVEL FILL AND/OR TRENCH PLATES AS REQUIRED.
 - THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE COB AND THE COB CONSULTANTS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE COB.
 - THE COB SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES UTILIZED IN CONNECTION WITH THE WORK. THE COB WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS COMPLYING WITH MAG OR COB REQUIREMENTS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING CERTIFIED AS-BUILT RECORD DOCUMENTS TO THE COB FOR REVIEW AND APPROVAL. NO FINAL ACCEPTANCE SHALL BE ISSUED UNTIL "AS-BUILT" PLANS CERTIFIED BY THE PROJECT ENGINEER/LAND SURVEYOR HAVE BEEN SUBMITTED AND ACCEPTED BY THE COB. FINAL CONSTRUCTION ACCEPTANCE OR THE RELEASE OF CERTIFICATE OF OCCUPANCIES SHALL NOT BE ISSUED UNTIL ALL AS-BUILT DRAWINGS AND OTHER REQUIRED DOCUMENTS PER THE COB'S FINAL PROJECT SUBMITTAL CHECKLIST, HAVE BEEN REVIEWED AND APPROVED BY THE CITY ENGINEER.
 - ARRANGEMENTS FOR CONSTRUCTION WATER CAN BE MADE BY CALLING THE WATER RESOURCE DEPARTMENT AT (623) 349-6800.
 - THE COB IS NOT RESPONSIBLE FOR LIABILITY ACCRUED DUE TO DELAYS AND/OR DAMAGES TO UTILITIES IN CONJUNCTION WITH THIS CONSTRUCTION. ALSO, THE CITY WILL NOT PARTICIPATE IN THE COST OF CONSTRUCTION OR RELOCATION OF UTILITIES.
 - ALL CONTRACTORS SHALL CONTRACT FOR TRASH PICKUP THROUGH A LICENSED CITY OF BUCKEYE SOLID WASTE HAULER (602-237-2078) AND DISPOSED OF AT THE SOUTHWEST REGIONAL LANDFILL IN BUCKEYE.
 - OPEN TRENCHES ACROSS DRIVEWAYS, STREETS AND CROSS-STREETS SHALL BE PLATED FOR OVERNIGHT, WEEKEND OR EXTENDED PERIODS, PER M.A.G. UNIFORM STANDARD DETAIL 211.
 - ALL ABC SHALL BE FROM AN ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT) APPROVED SOURCE LIST.
 - LONGITUDINAL TRENCH BACKFILL IN EXISTING ARTERIAL, COLLECTOR, OR LOCAL ROADWAYS OR ADJACENT TO EXISTING ROADWAY (WHEN THE TRENCH EXCAVATION FALLS WITHIN 2 FEET OF EDGE OF PAVEMENT) SHALL REQUIRE 1/2 SACK CLSM PER MAG SPEC 728 FULL DEPTH OR ABC FULL DEPTH AS DIRECTED BY THE COB. ABC BACKFILL COMPACTION SHALL BE BY AN APPROVE MECHANICAL METHOD (NO WATER SETTLING) WITH BACKFILL MATERIAL LIFTS AS FOLLOWS:
 - 12 INCH LIFTS (LOOSE) TO BE USED IN THE TOP 4 FEET OF THE TRENCH
 - 24 INCH LIFTS (LOOSE) TO BE USED FRONT 1 FOOT OVER THE PIPE TO 4 FEET FROM THE TOP OF THE TRENCH PER MAG SEC. 601.4.
 - ALL BACKFILL WITHIN OR ADJACENT TO EXISTING ROADWAYS SHALL BE MECHANICALLY COMPACTED.
 - TRANSVERSE TRENCH BACKFILL IN ALL EXISTING ROADWAYS SHALL REQUIRE 100% FULL DEPTH HALF SACK CLSM PER MAG SPEC 728.
 - ALL MATERIAL SUBMITTALS INCORPORATED IN THE PROJECT SHALL BE SUBMITTED AT OR BEFORE THE PRECONSTRUCTION MEETING FOR REVIEW AND APPROVAL BY THE CITY ENGINEER.

**CITY OF BUCKEYE:
GENERAL SIGNING & PAVEMENT MARKING NOTES**

(Detail No 65100-1, 65100-2)

- THE CITY ENGINEER'S OFFICE SHALL BE NOTIFIED 48 HOURS PRIOR TO STARTING ANY SIGNING OR STRIPING WORK. (623)547-4661 ATTENTION BRETT HUSKEY.
- PERMANENT THERMOPLASTIC STRIPING SHALL NOT BE PLACE ANY EARLIER THAN 30 DAYS AFTER THE PERMANENT PAVEMENT HAS BEEN PLACED. A TEMPORARY PAINT SHALL BE USED AS AN INTERIM STRIPING. IF TEMPORARY PAINT IS USED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE TEMPORARY STRIPING UNTIL THE PERMANENT THERMOPLASTIC HAS BEEN PLACED.
- UNLESS OTHERWISE SPECIFIED, ALL PAVEMENT MARKING AND TRAFFIC CONTROL SIGNING INSTALLATIONS AND REMOVALS SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF BUCKEYE AS SET FORTH IN THE ARIZONA DEPARTMENTS OF TRANSPORTATION (ADOT) STANDARD DRAWINGS, DETAILS AND SPECIFICATIONS OR THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) LATEST EDITION, OR ASHTO REQUIREMENTS, AS APPLICABLE. SIGN REQUIREMENTS, GUIDELINES AND WARRANTS SHALL BE IN ACCORDANCE WITH THE MUTCD MOST CURRENT EDITION.
- PRIOR TO PAVEMENT MARKING INSTALLATION THE CONTRACTOR SHALL SUBMIT MATERIAL CERTIFICATIONS WITH MATERIAL SUBMITTALS FOR ALL MARKING MATERIALS CERTIFYING THROUGH SUPPLIER LAB ANALYSIS THAT ALL PAINT AND THERMOPLASTICS ARE FREE FROM ANY LEAD BASED MATERIALS/COMPONENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF THE PERMANENT PAVEMENT MARKINGS FOLLOWING CONTROL POINTS THAT HAVE BEEN SET NO MORE THAN 50 FEET APART ALONG THE LINES TO BE STRIPED. PAVEMENT MARKING DIMENSIONS ARE TO BE CENTER OF THE STRIP FOR SINGLE LINE STRIPING, AND TO CENTER OF THE SPACE BETWEEN THE TWO LINES FOR DOUBLE LINE STRIPING. WHEN CURB AND GUTTER IS PRESENT, DIMENSIONS ARE TO BACK OF CURB.
- THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER'S OFFICE FOR FIELD REVIEW OF LAYOUT PRIOR TO ANY STRIPING OF MARKINGS OF ANY KIND. ANY STRIPING COMPLETE PRIOR TO CITY ENGINEER'S OFFICE REVIEW MAY BE SUBJECT TO REMOVAL, RE-LAYOUT AND RESTRIPIING AT THE CONTRACTORS EXPENSE.
- THE PAVEMENT MARKINGS DRAWINGS ARE SCHEMATIC ONLY AND NOT TO SCALE. THE CONTRACTOR SHALL FOLLOW ALL DIMENSIONS, NOTES, DETAILS AND STANDARDS WHEN INSTALLING PAVEMENT STRIPING, MARKINGS AND MARKERS.
- TEMPORARY TRAFFIC CONTROL SHALL CONFORM TO THE CITY OF PHOENIX "TRAFFIC BARRICADE MANUAL", THE MUTCD AND OR AS DIRECTED BY THE CITY.
- UNLESS OTHERWISE DIRECTED, ALL FINAL LOCATION LANE STRIPING INCLUDING CROSSWALKS AND STOP BARS SHALL BE THERMOPLASTIC MATERIAL APPLIED AT A MINIMUM THICKNESS OF 60 MILS FOR LANE STRIPING AND 90 MILS FOR CROSSWALKS AND STOP BARS. ALL PAVEMENT SYMBOLS, ARROWS, AND LETTERING SHALL BE THERMOPLASTIC, TYPE 1 (PERMANENT) PREFORMED PAVEMENT MARKINGS. COLD TAPE MAY BE ALLOWED SUBJECT TO WRITTEN REQUEST BY THE CONTRACTOR AND APPROVAL BY THE CITY ENGINEER. TEMPORARY PAVEMENT MARKINGS SHALL BE REFLECTORIZED TRAFFIC PAINT. TEMPORARY STRIPING OR HALF-STREET ROADWAY STRIPING SHALL BE PAINT.
- ALL SIGNS SHALL CONFORM TO THE MUTCD AND SHALL BE MADE FROM 0.080 INCH THICK ALUMINUM. SIGN POSTS AND EXTENSIONS SHALL BE GALVANIZED SQUARE PREFORMED STEEL TUBING PER CITY STANDARDS. HEIGHT REQUIREMENTS PER THE MUTCD.
- ALL TRAFFIC CONTROL SIGN FACES SHALL BE CONSTRUCTED TO THE CITY OF BUCKEYE PERFORMANCE SPECIFICATIONS.
- ALL SIGNS SHALL HAVE A MINIMUM CLEARANCE FROM THE EDGE OF THE SIGN TO THE FACE OF THE CURB OF AT LEAST TWO (2) FEET; OF IF NOW CURB EXISTS, IT SHALL BE AT LEAST TWELVE (12) FEET FROM THE EDGE OF THE PAVEMENT. ALL SIGNS SHALL BE PLACED SO AS NOT TO INTERFERE WITH PEDESTRIAN MOVEMENT.
- ANY TRAFFIC CONTROL SIGNAGE, INCLUDING STREET NAME SIGNS, WHICH MAY BE LOCATED WITHIN 10 FEET OF AN EXISTING STREET LIGHT POLE, MAYBE BE MOUNTED TO THE POLE BY STAINS STEEL BANDING WITH APPROVAL FROM THE CITY. SIGN LOCATIONS AND OFFSETS MAY BE ADJUSTED BY THE CITY TO IMPROVE VISIBILITY.
- ALL CONCRETE MEDIAL CURB NOSES SHALL BE PAINTED WITH YELLOW REFLECTIVE SAFETY PAINT FROM THE FRONT OF THE BULL BACK 10 FEET WITH YELLOW OR (WHERE APPLICABLE) WHITE TYPE G RAISED PAVEMENT MARKERS ON BULL NOSE CURB HEADS SUBJECT TO FIELD REVIEW AND FINAL ACCEPTANCE FOR MAKERS.
- ALL RAISED PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH ADOT STANDARD DRAWINGS 4-M02.02, 4M02.03.1, 4-M-2.03.2 AND 4-M-2.04. TWO-WAY TYPE M RAISED PAVEMENT MARKERS SHALL BE INSTALLED ADJACENT TO FIRE HYDRANTS PER CITY STANDARDS.
- ANY EXISTING SIGNAL THAT IS REQUIRED TO BE RELOCATED BY THE CONTRACTOR SHALL BE REMOVED, PROTECTED AND STORED FOR REINSTALLATION BY THE CONTRACTOR. DAMAGED SIGNAGE SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ANY EXISTING SIGNS REQUIRED TO BE PERMANENTLY REMOVED BY THE CONTRACTOR SHALL BE SALVAGED FOR RETURN TO THE CITY.
- THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS AND STRIPING IN CONFLICT WITH THE FINAL STRIPING PLAN BY ULTRA HIGH PRESSURE WATER (36,000PSI) OR BY SAND BLASTING. ALL REMOVAL METHODS SHALL BE DONE IN CONFORMANCE WITH EPA REQUIREMENTS. IF THE REMOVAL OF STRIPING CAUSES A DEPRESSION OF 1/8 INCH OR GREATER IN THE PAVEMENTS SURFACE THE CONTRACTOR SHALL FILL AND SLURRY SEAL THE AREA PER MAG SPECIFICATION 713 AND 715, TYPE II. BLACKOUT PAINT WILL NOT BE ACCEPTED. NO EXCEPTIONS.
- THE CONTRACTOR SHALL CLEAN THE ROADWAY SURFACE TO THE SATISFACTION OF THE CITY BY POWER BROOM, STREET SWEEPING, AIR JET BLOWING AND/OR WET JET/TRUCK PRIOR TO PLACEMENT OF ALL PAVEMENT MARKINGS. THE ROAD PAVEMENT SURFACE SHALL BE ABSOLUTELY DRY. THE AIR AND PAVEMENT TEMPERATURES SHALL NOT BE LESS THE 55 DEGREES F AND 61 DEGREES F FOR THE PLACEMENT OF THERMOPLASTIC MARKING TYPE I MARKING TAPE, RESPECTIVELY. TEMPERATURE VALUES SHALL BE CONSIDERED RISING AND TAKEN WITHIN THE SHADE.
- STREET NAME SIGN LOCATED AT ALL COLLECTOR AND ARTERIAL INTERSECTIONS SHALL HAVE BLOCK NUMBERS. BLOCK NUMBERS SHALL BE ASSIGNED BY THE CITY'S BUILDING DEPARTMENT. BLOCK NUMBERS SHALL BE INSTALLED PER CITY REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE MATERIAL CUT SHEETS OF THE SIGN PANELS FOR REVIEW BY THE CITY ENGINEER'S OFFICE PRIOR TO INSTALLATION.

ALL CITY OF BUCKEYE
GENERAL NOTES & UTILITY
NOTES ARE ACCESSIBLE ON
THE CITY'S WEBSITE AT
WWW.BUCKEYEAZ.GOV, UNLESS
OTHERWISE ATTACHED.



LINE	BEARING	DISTANCE
L1	N0°03'00"W	22.99'
L2	N7°08'29"W	110.68'
L3	N1°00'18"W	200.03'
L4	N0°03'00"W	239.20'
L5	S89°56'28"W	10.00'
L6	N0°03'00"W	58.92'
L7	N1°00'18"W	276.70'
L8	N0°03'00"W	273.73'
L9	S0°03'00"E	297.50'
L10	S0°54'17"W	149.88'
L11	S0°03'00"E	78.64'

CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD
BC1	7°47'59"	35.00'	4.76'	2.39	4.76
BC2	15°13'42"	200.00'	53.16'	26.74	53.00
BC3	14°16'25"	200.00'	49.82'	25.04	49.70
BC4	90°00'32"	40.00'	62.84'	40.01	56.57
BC5	180°00'00"	1.00'	3.14'	INF	2.00
BC6	46°05'34"	50.00'	40.22'	21.27	39.15
BC7	45°08'16"	10.00'	7.88'	4.16	7.68
BC8	23°45'29"	59.50'	24.67'	12.52	24.50
BC9	156°14'31"	0.50'	1.36'	2.38	0.98
BC10	16°47'31"	250.00'	73.27'	36.90	73.01
BC11	17°44'48"	255.00'	78.98'	39.81	78.67

EXISTING	DESCRIPTION	PROPOSED
	CONTOURS	
	SIDEWALK	
	CURB & GUTTER	
	SCUPPER	
	CHAIN LINK FENCE	
	POWER POLE LIGHT	
	POWER POLE	
	STREET LIGHT	
	STREET LIGHT JUN BX	
	PARKING LIGHT	
	VALVE	
	WATER SERVICE	
	FIRE HYDRANT	
	FIRE HYDRANT RISER	
	BACK FLOW PREVENTION	
	WATER WELL	
	MONITORING WELL	
	CATCH BASIN	
	SEWER SERVICE	
	SEWER CLEANOUT	
	SEWER MANHOLE	
	PROPERTY LINE	
	BARRIER POST	
	ROOF DRAIN	
	MAILBOX	
	HANDICAPPED PKING	
	# OF PKING SPACES	
	EMPTY CONDUIT BANK	
	OVERHEAD ELECTRIC LINE	
	STORM DRAIN PIPE	
	ELECTRIC LINE	
	WATER LINE	
	SANITARY SEWER	
	ROWY CENTERLINE	
	FLOW LINE	

CALL TWO WORKING DAYS BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

REVISIONS:	
1	
2	
3	
PLAN NAME JACKRABBIT TRAIL / 195TH AVE	
IMPROVEMENT PLAN	
NOTES, LEGEND, INDEX MAP	
LINE & CURVE DATA	
ENGINEER INFORMATION	WOOD PATEL
COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL
AS-BUILT SEAL	DESIGN SEAL
ORIGINAL PLAN DATE	LATEST REVISION DATE
PROJECT NUMBER	SHEET NUMBER

TC201902215

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MCDOT GENERAL NOTES FOR RIGHT-OF-WAY PERMITS

- ALL WORK SHALL CONFORM TO THE REVISED EDITION OF THE UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION PUBLISHED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) AS AUTHORIZED AND MODIFIED BY THE MOST CURRENT MCDOT SUPPLEMENT TO THE MAG UNIFORM STANDARD SPECIFICATIONS AND DETAILS AND NON-CONFLICTING PROJECT SPECIAL PROVISIONS. ALL WORK MUST ALSO COMPLY WITH RESOLUTION 2001-01 MARICOPA COUNTY RESOLUTION FOR PERMITS TO WORK IN DEDICATED RIGHT-OF-WAY AND RESOLUTION 2001-02 MARICOPA COUNTY RESOLUTION FOR STREET IMPROVEMENTS, INSTALLATION OF UTILITIES AND TRAFFIC CONTROL. ANY EXCEPTIONS MUST RECEIVE EXPLICIT APPROVAL FROM MCDOT AND SHALL BE IDENTIFIED ON THE PLANS AS HAVING EXPLICIT APPROVAL FROM MCDOT. ALL CLEAR ZONE HAZARDS SHALL BE MITIGATED IN A MANNER APPROVED BY MCDOT AT NO COST TO THE COUNTY.
- THE ENGINEERING DESIGNS ON THESE PLANS ARE ONLY APPROVED BY MCDOT IN CONCEPT AND NOT IN DETAIL. CONSTRUCTION QUANTITIES ON THESE PLANS ARE NOT VERIFIED BY MCDOT. APPROVAL OF THESE PLANS ARE FOR PERMIT PURPOSES ONLY AND SHALL NOT PREVENT MCDOT FROM REQUIRING CORRECTION OF ERRORS IN THE PLANS WHERE SUCH ERRORS ARE SUBSEQUENTLY FOUND TO BE IN VIOLATION OF ANY LAW, ORDINANCE, HEALTH, SAFETY, THE MCDOT ROADWAY DESIGN MANUAL, OR OTHER DESIGN ISSUES.
- AN APPROVED SET OF PLANS SHALL BE ON THE SITE DURING CONSTRUCTION AND AVAILABLE TO MCDOT AND OTHER INSPECTORS.
- ALL BOX CULVERTS CONSTRUCTED IN THE PUBLIC RIGHT-OF-WAY SHALL COMPLY WITH ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT) LATEST DESIGN SPECIFICATIONS AND STANDARDS. MINIMUM CLEAR HEIGHT OF BOX CULVERT SHALL BE 4 FEET.
- CONTRACTOR TO OBTAIN MCDOT PERMITS PRIOR TO CONSTRUCTION WITHIN COUNTY RIGHT-OF-WAY, AND ALL NECESSARY PERMITS FROM OTHER AGENCIES AND FROM LOCAL GOVERNMENTS FOR WORK WITHIN THEIR JURISDICTION.
- CONTRACTOR SHALL NOTIFY THE MCDOT INSPECTION DEPT. AT LEAST 24 HOURS IN ADVANCE OF ANY CONSTRUCTION AT (602) 506-8606.
- CONTRACTOR PERFORMING CONSTRUCTION OR EXCAVATING OPERATIONS IS RESPONSIBLE FOR LOCATING AND RELOCATING ALL UTILITIES IN CONFLICT AT NO EXPENSE TO MARICOPA COUNTY. THE CONTRACTOR SHALL CONTACT 'BLUE STAKE' AT (602) 263-1100 PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY REQUIRED PERMITS FOR EARTH MOVING FROM MARICOPA COUNTY AIR QUALITY DEPARTMENT'S DUST COMPLIANCE DIVISION (602) 506-6010 PRIOR TO CONDUCTING EXCAVATION OPERATIONS. A COPY OF THE PERMIT AND DUST CONTROL PLAN SHALL BE SUBMITTED TO THE COUNTY ENGINEER PRIOR TO COMMENCEMENT OF ANY EARTHMOVING ACTIVITIES.
- PRIOR TO CONDUCTING EXCAVATION OPERATIONS, THE CONTRACTOR SHALL OBTAIN FROM THE ARIZONA STATE HISTORICAL PRESERVATION OFFICER (602) 542-4009, RECOMMENDATIONS REGARDING THE NEED FOR CULTURAL RESOURCES (ARCHAEOLOGICAL) CLEARANCE. ALL DISCOVERIES OF HUMAN REMAINS, CULTURAL ARTIFACTS, OR PALEONTOLOGICAL REMAINS SHALL BE REPORTED TO THE ARIZONA STATE MUSEUM AND MCDOT. UPON DISCOVERY, CONTRACTOR SHALL CEASE OPERATIONS IN THE VICINITY OF THE FIND AND PROTECT THE DISCOVERY AREA FROM FURTHER DISTURBANCE UNTIL THE FIND CAN BE PROFESSIONALLY INVESTIGATED BY THE ARIZONA STATE MUSEUM AND MCDOT.
- EXCEPT UNDER EMERGENCY CONDITIONS, ROADS SHALL NOT BE CLOSED FOR CONSTRUCTION ACTIVITY UNLESS PRIOR APPROVAL IS OBTAINED FROM THE MCDOT TRANSPORTATION DIRECTOR OR HIS REPRESENTATIVE.
- TO MOVING OR DESTROYING PROTECTED NATIVE PLANT SPECIES, THE CONTRACTOR SHALL FILE A FORMAL NOTICE OF INTENT WITH THE ARIZONA DEPARTMENT OF AGRICULTURE NATIVE PLANTS (602) 542-6408.
- PRIOR TO INSTALLATION OF CURB, GUTTER, SIDEWALK, BASE COURSE AND WEARING SURFACE, SUBMIT SOIL TEST(S) OF SUBGRADE AND REVISED PAVEMENT DESIGN/CALCULATIONS TO MCDOT FOR REVIEW AND APPROVAL. IF SUBGRADE STABILIZATION IS REQUIRED, THE AREA STABILIZED SHALL BE FROM BACK OF SIDEWALK TO BACK OF SIDEWALK AND MATCH THE STABILIZATION DEPTH OF THE PAVEMENT STRUCTURE.
- ASPHALT MIX DESIGN SHALL BE SUBMITTED TO MCDOT A MINIMUM OF 48 HOURS PRIOR TO PLACING ANY ASPHALT COURSES. (TRENCH WORK EXCLUDED.) ALL PAVED TURNOUTS SHALL HAVE THE SAME ASPHALT AND BASE REQUIREMENTS AS THE ADJACENT ROADWAY UNLESS NOTED OTHERWISE.
- ALL COMPACTION AND BACKFILL WITHIN COUNTY RIGHT-OF-WAY SHALL CONFORM TO THE MCDOT SUPPLEMENT TO MAG SPECIFICATION SECTION 601. BACKFILL UNDER EXISTING PAVEMENT, CURB AND GUTTER, ROADWAY SHOULDERS, AND UNPAVED ROADWAYS SHALL CONSIST OF ONE-HALF (1/2) OR ONE SACK CLSM. UNPAVED ROADWAY AREAS INCLUDE THE TRAVELLED WAY PLUS FIVE FEET BEYOND THE TRAVELLED WAY.
- ALL STRUCTURES, SUCH AS MANHOLES, VALVE BOX & COVERS, AND MONITORING WELLS MUST BE MARKED WITH AT LEAST TWO REFLECTIVE YELLOW FLEX POSTS WHEN STRUCTURES ARE LOCATED OUTSIDE THE TRAVELED WAY AND WITHIN THE RIGHT-OF-WAY. (APPLIES ONLY WHEN THERE IS NO CURB.)
- PAVEMENT WIDENING AND PAVEMENT REPLACEMENT SHALL CONFORM TO REQUIREMENTS OF SPECIFICATION SECTION 336. PAVEMENT CUTS SHALL NOT BE LOCATED WITHIN A LANE WHEEL PATH. THE LANE WHEEL PATH IS THE ENTIRE LANE WIDTH EXCEPT THE AREA WITHIN ONE FOOT OF A LANE LINE STRIPE AND EXCEPT THE CENTER TWO FEET OF THE TRAVEL LANE.
- ALL EXISTING PAVEMENT MARKINGS, TRAFFIC SIGNS AND SIGNAL EQUIPMENT THAT NEED TO BE REMOVED, REPLACED, RELOCATED OR REPAIRED BECAUSE OF CONTRACTOR'S WORK WILL BE DONE BY THE CONTRACTOR AT HIS EXPENSE. ALL SALVAGED SIGNS SHALL BE DELIVERED TO THE TRAFFIC OPS BUILDING AT 2909 W. DURANGO ST. ARRANGEMENTS CAN BE MADE FOR DELIVERY BY CALLING (602) 506-8662. ALL NEW STREET NAME SIGNS SHALL BE PROVIDED AND INSTALLED BY PERMITTEE AT NO EXPENSE TO MARICOPA COUNTY.
- PAVEMENT MARKING, SIGNING AND SIGNAL WORK WILL BE INSPECTED AND SHALL MEET COUNTY STANDARDS BEFORE RELEASE OF BOND.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY TO A CONDITION EQUAL TO OR BETTER THAN PRIOR EXISTING CONDITIONS PER MAG 107.9. DISPOSAL OF ALL WASTE MATERIAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

MCDOT GENERAL PAVEMENT MARKING NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A MCDOT APPROVED TRAFFIC CONTROL PLAN AND ALL TEMPORARY TRAFFIC CONTROL DEVICES NECESSARY FOR THE SAFETY OF THE PUBLIC AND THE WORKERS BEFORE ANY STRIPING LAYOUT BEGINS.
- CONTRACTOR TO SPOT THE ENTIRE PROJECT BEFORE APPLYING PAVEMENT MARKINGS. CONTRACTOR TO CALL MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION PROJECT INSPECTOR, TO MAKE ARRANGEMENTS FOR INSPECTION PRIOR TO APPLYING PAVEMENT MARKINGS. THE PERMANENT PAVEMENT MARKING PLANS MAY BE MODIFIED AS DIRECTED BY THE ENGINEER, OR HIS REPRESENTATIVE. ANY PAVEMENT MARKINGS APPLIED BEFORE LAYOUT APPROVAL BY INSPECTOR SHALL BE SUBJECT TO REMOVAL AND RESTRIPIING AT THE CONTRACTOR'S EXPENSE.
- ALL NO PASSING ZONES SHOWN ARE SUBJECT TO CHANGE IN THE FIELD BY THE COUNTY'S TRAFFIC ENGINEER, OR HIS REPRESENTATIVE. PAVEMENT MARKINGS QUANTITIES COULD VARY.
- ALL PAVEMENT MARKINGS WILL BE DONE IN APPROVED THERMOPLASTIC MATERIALS. CROSSWALKS, STOP BARS, HOLDING BARS, ALL LONGITUDINAL LINES, SUCH AS LANE LINES, EDGE LINES, CENTER LINES AND TAPER LINES SHALL BE INSTALLED WITH A THICKNESS OF NINETY (90) MILS. PAVEMENT MARKINGS IN PAINT IF APPROVED SHALL BE INSTALLED WITH A THICKNESS OF FIFTEEN (15) MILS.
- RAISED PAVEMENT MARKERS WILL BE INSTALLED ON THE NEW PAVEMENT IF RAISED PAVEMENT MARKERS ARE CURRENTLY EXISTING WITHIN THIS PROJECT.
- WHEN PAVEMENT MARKING OBLITERATION IS NECESSARY, IT SHALL BE ACCOMPLISHED BY WATER BLASTING OR OTHER APPROVED METHODS. THE CONTRACTOR SHALL THEN SLURRY THE AREA AS PER M.A.G. STANDARD SPECIFICATION 715, WITH EMULSIFIED ASPHALT SLURRY SEALANT TYPE II OR AS DIRECTED BY THE PROJECT INSPECTOR. THE CONTRACTOR SHALL NOT INSTALL NEW PAVEMENT MARKINGS UNTIL THE SLURRY SEAL HAS CURED AT A MINIMUM OF 72 HOURS. PAINTING OVER PAVEMENT MARKINGS DOES NOT CONSTITUTE PAVEMENT MARKING OBLITERATION. PAVEMENT MARKING OBLITERATION MAY GO BEYOND DESIGNATED PROJECT LIMITS. PAVEMENT MARKING OBLITERATION SHALL EXTEND AS NEEDED TO ALLOW APPROPRIATE MATCHING OF THE NEW PAVEMENT MARKINGS WITH THE EXISTING PAVEMENT MARKINGS.
- PAVEMENT MARKING DIMENSIONS ARE TO THE CENTER OF PAVEMENT MARKING FOR SINGLE LINES AND TO THE CENTER OF THE SPACE BETWEEN TWO LINES FOR DOUBLE LINES EXCEPT WHERE THERE IS CURB AND GUTTER THE DIMENSION IS TAKEN FROM THE FACE OF CURB.
- ALL SYMBOLS AND WORD LEGENDS SHALL BE PREFORMED PAVEMENT MARKINGS PER THE SPECIFICATION SECTION 462.2.4.
- THERMOPLASTIC PAVEMENT MARKINGS SHALL NOT BE APPLIED TO ANY NEW ASPHALT-RUBBER PAVEMENT SURFACE WITHIN THE FIRST 30 DAYS AFTER THE PAVEMENT PLACEMENT. THE CONTRACTOR SHALL INSTALL PAINTED TEMPORARY PAVEMENT MARKINGS AT THE LOCATIONS WHERE THERMOPLASTIC PAVEMENT MARKING ARE REQUIRED.

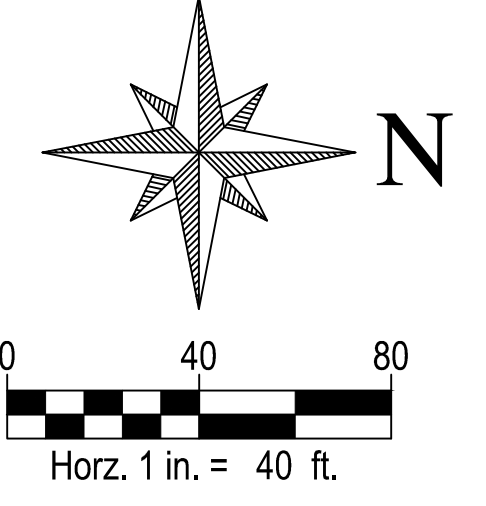
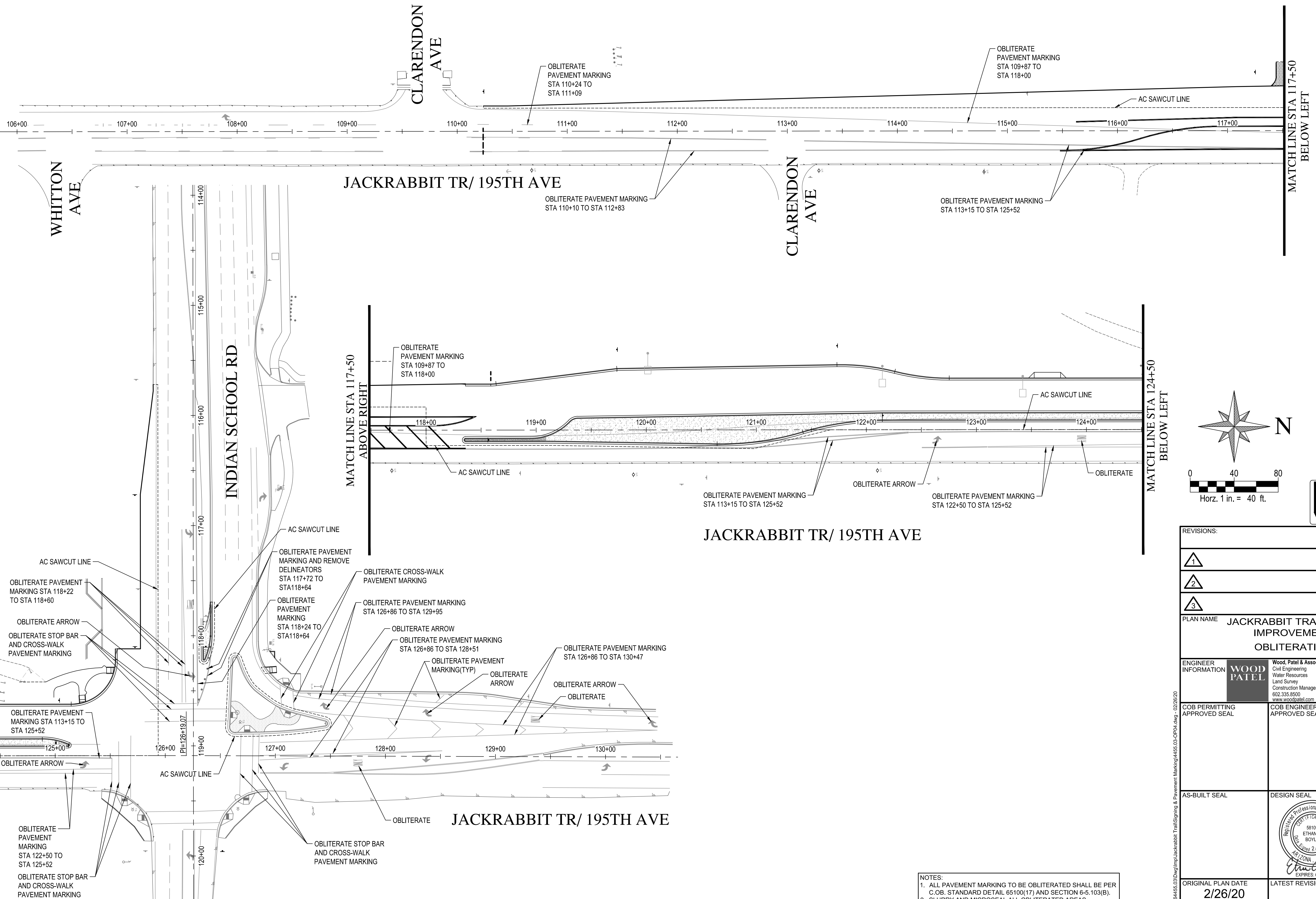


REVISIONS:	
1	
2	
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PLAN NAME JACKRABBIT TRAIL / 195TH AVE IMPROVEMENT PLAN	
MCDOT GENERAL NOTES	
ENGINEER INFORMATION	WOOD PATEL Wood, Patel & Associates, Inc. Civil Engineering Water Resources Land Survey Construction Management 602.335.8500 www.woodpatel.com
COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL
AS-BUILT SEAL	DESIGN SEAL
ORIGINAL PLAN DATE	LATEST REVISION DATE
2/26/20	
PROJECT NUMBER	SHEET NUMBER
164455.03	3 of 8

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SUBMITTAL:
ENG-19-10265
COB PERMIT #

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 (OUTSIDE MARICOPA COUNTY)

REVISIONS:	
1	
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3	
PLAN NAME JACKRABBIT TRAIL / 195TH AVE IMPROVEMENT PLAN OBLITERATION PLAN	
ENGINEER INFORMATION	WOOD PATEL Wood, Patel & Associates, Inc. Civil Engineering Water Resources Land Survey Construction Management 602.335.8500 www.woodpatel.com
COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL
AS-BUILT SEAL	DESIGN SEAL
ORIGINAL PLAN DATE 2/26/20	LATEST REVISION DATE
PROJECT NUMBER 164455.03	SHEET NUMBER 4 of 8

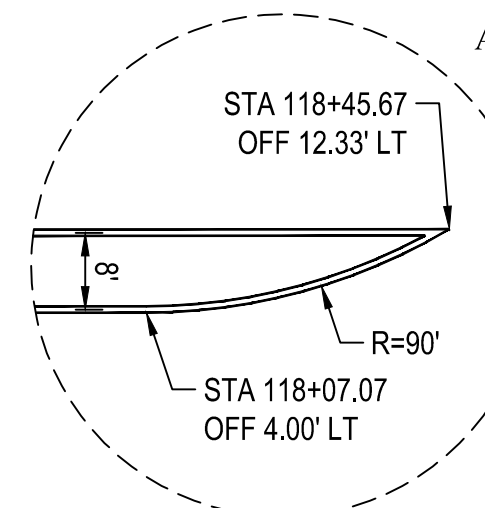
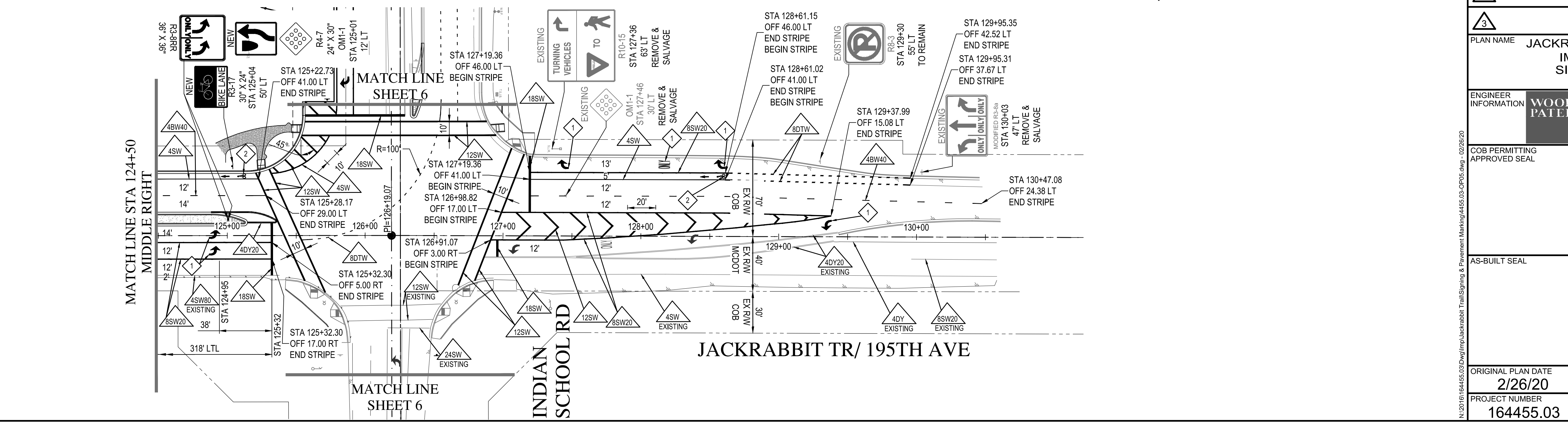
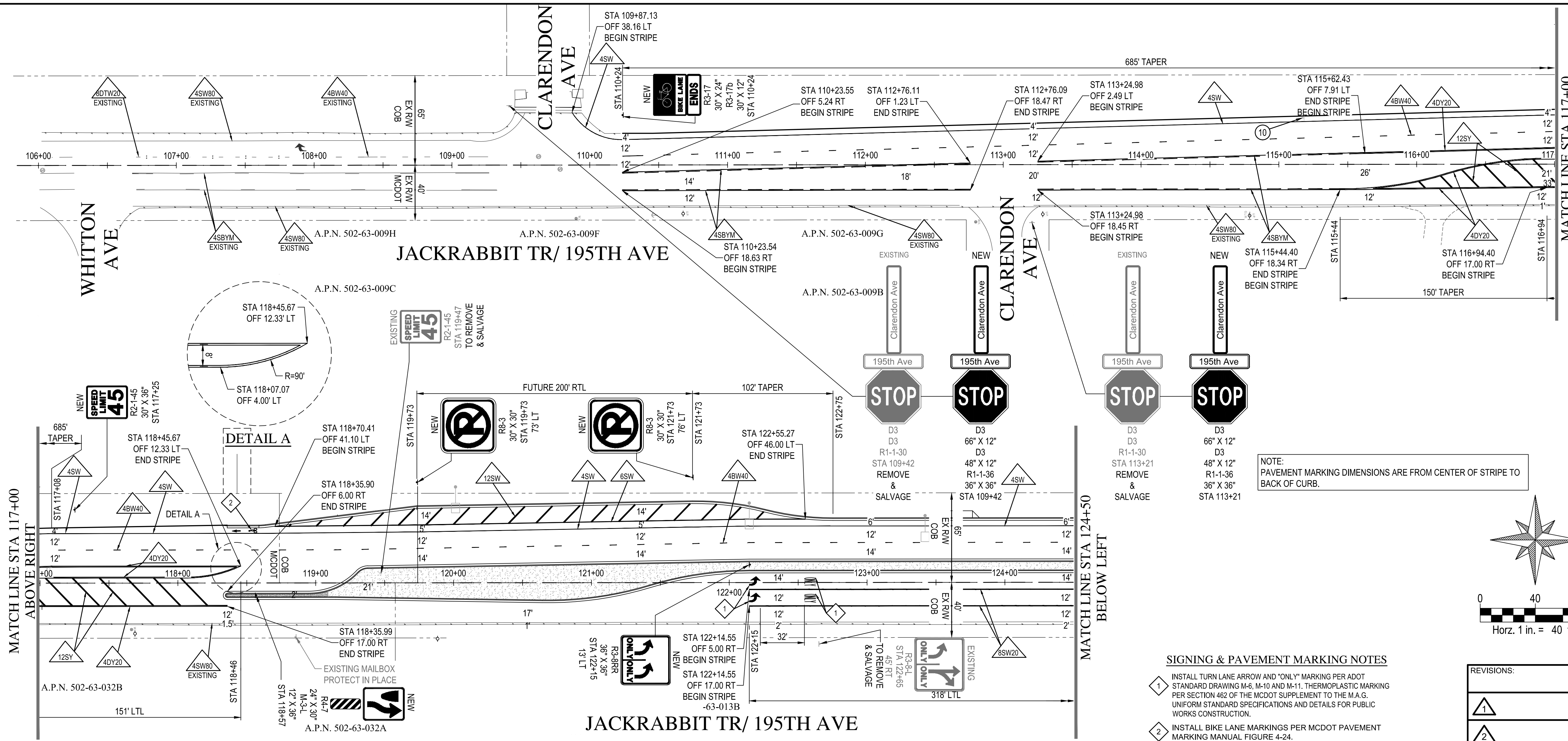
NOTES:
 1. ALL PAVEMENT MARKING TO BE OBLITERATED SHALL BE PER C.O.B. STANDARD DETAIL 65100(17) AND SECTION 6-5.103(B).
 2. SLURRY AND MICROSEAL ALL OBLITERATED AREAS.

WOOD PATEL
 58109
 ETHAN A. BOYLE
 CIVIL ENGINEER
 LICENSE NO. 58109
 EXPIRES: 6/30/20

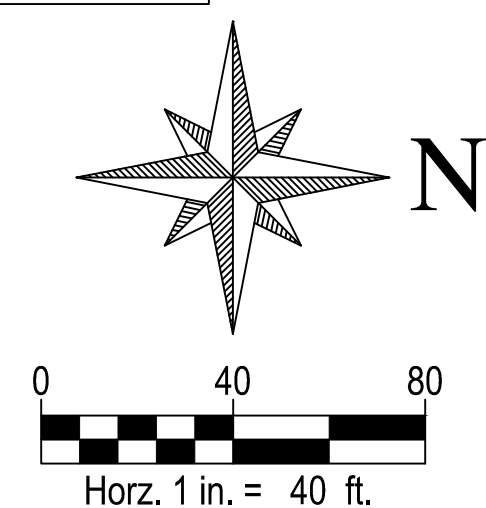
COB PLAN TRACKING # ENG-19-10265
 COB PERMIT #

TC201902215

REMOVAL / RELOCATION NOTES	
DESCRIPTION	QUANTITY
10 REMOVE EXISTING SIGN	1 EA



NOTE: PAVEMENT MARKING DIMENSIONS ARE FROM CENTER OF STRIPE TO BACK OF CURB.

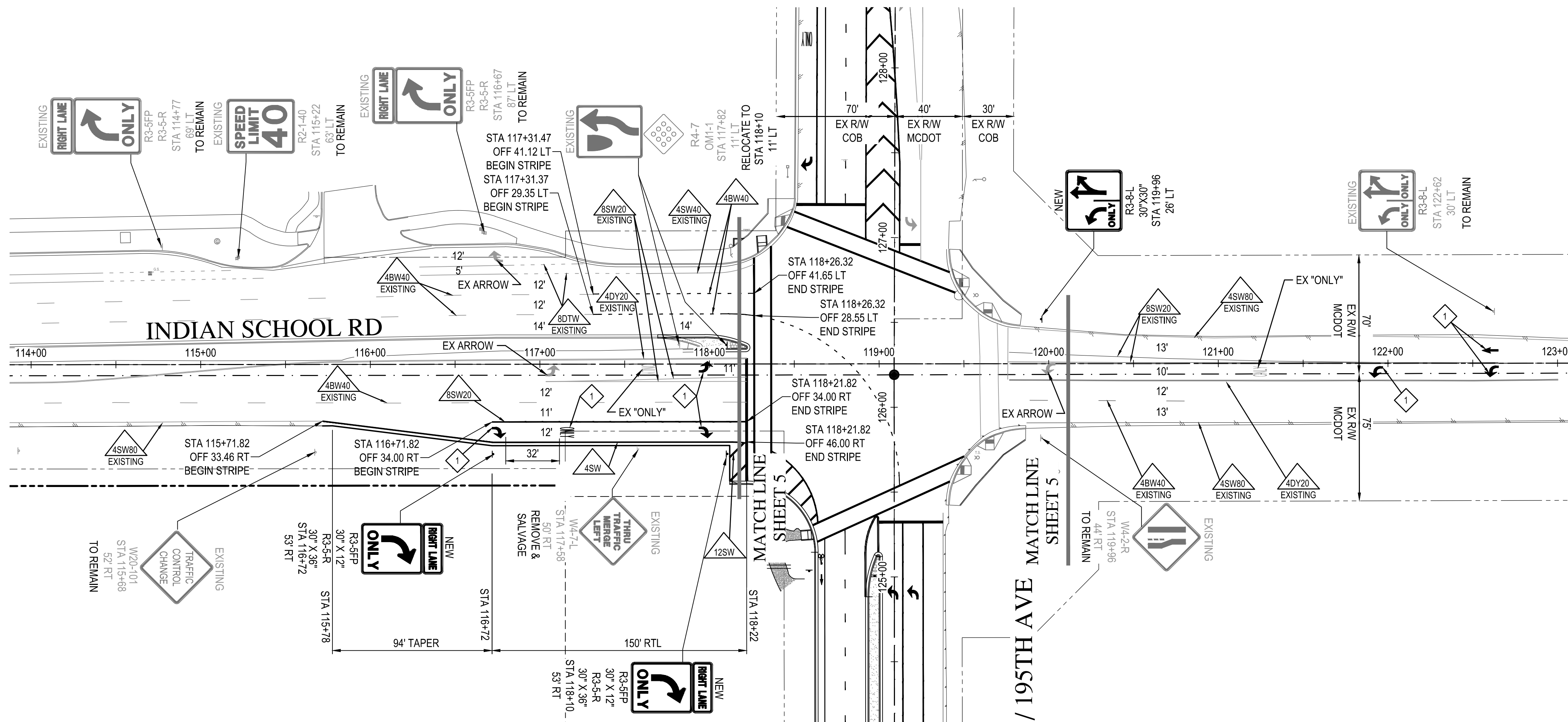


SIGNING & PAVEMENT MARKING NOTES

- 1 INSTALL TURN LANE ARROW AND "ONLY" MARKING PER ADOT STANDARD DRAWING M-8, M-10 AND M-11, THERMOPLASTIC MARKING PER SECTION 462 OF THE MCDOT SUPPLEMENT TO THE M.A.G. UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION.
- 2 INSTALL BIKE LANE MARKINGS PER MCDOT PAVEMENT MARKING MANUAL FIGURE 4-24.

REVISIONS:	
1	
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PLAN NAME JACKRABBIT TRAIL / 195TH AVE	
IMPROVEMENT PLAN	
SIGNING & PAVEMENT MARKING PLAN	
ENGINEER INFORMATION	WOOD PATEL Wood, Patel & Associates, Inc. Civil Engineering Water Resources Land Survey Construction Management 602.335.8500 www.woodpatel.com
COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL
AS-BUILT SEAL	DESIGN SEAL
ORIGINAL PLAN DATE	LATEST REVISION DATE
2/26/20	
PROJECT NUMBER	SHEET NUMBER
164455.03	5 of 8
COB PLAN TRACKING #	ENG-19-10265
COB PERMIT #	

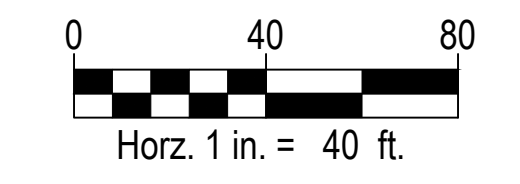
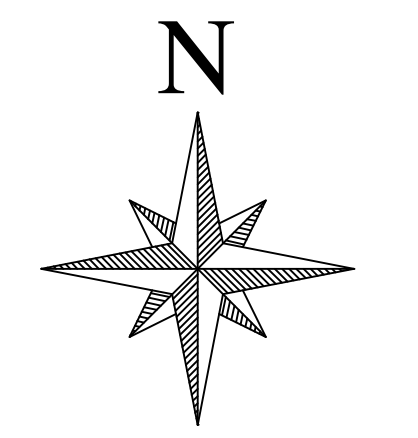
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SIGNING & PAVEMENT MARKING NOTES

1. INSTALL TURN LANE ARROW AND "ONLY" MARKING PER ADOT STANDARD DRAWING M-6, M-10 AND M-11. THERMOPLASTIC MARKING PER SECTION 462 OF THE MCDOT SUPPLEMENT TO THE M.A.G. UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION.

NOTE: PAVEMENT MARKING DIMENSIONS ARE FROM CENTER OF STRIPE TO BACK OF CURB.



JACKRABBIT TR / 195TH AVE

REVISIONS:	
1	
2	
3	
PLAN NAME JACKRABBIT TRAIL / 195TH AVE IMPROVEMENT PLAN SIGNING & PAVEMENT MARKING PLAN	
ENGINEER INFORMATION	WOOD PATEL Wood, Patel & Associates, Inc. Civil Engineering Water Resources Land Survey Construction Management 602.335.8500 www.wopatpatel.com
COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL
AS-BUILT SEAL	DESIGN SEAL
ORIGINAL PLAN DATE 2/26/20	LATEST REVISION DATE
PROJECT NUMBER 164455.03	SHEET NUMBER 6 of 8
SUBMITTAL: COB PLAN TRACKING # ENG-19-10265 COB PERMIT #	

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CITY OF BUCKEYE SIGN SUMMARY TABLE

STA	SIGN CODE	WORK				OFFSET FROM BC / EOP		LEGEND	PANEL				GROUND MOUNT				REMARKS
		NEW	EXISTING		SEE REMARKS	LT (FT)	RT (FT)		SIGN SIZE		SHEETING TYPE AREA (SQ.FT.)		TYPE (LENGTH)		FOUNDATIONS		
			RELOCATE	REMOVE & SALVAGE					WIDTH (IN)	HEIGHT (IN)	H	D	NO. POSTS	P (FT)	U (FT)	P (EA)	
INDIAN SCHOOL ROAD																	
114+77	R3-5FP	*	*	*	X	2	*	Right Lane	*	*	*	*	*	*	*	*	TO REMAIN
114+77	R3-5-R	*	*	*	X	5	*	Right Only	*	*	*	*	*	*	*	*	TO REMAIN
115+22	R2-1-40	*	*	*	X	*	15	Speed Limit 40	*	*	*	*	*	*	*	*	TO REMAIN
115+68	W20-101	*	*	*	X	*	16	Traffic Control Change	*	*	*	*	*	*	*	*	TO REMAIN
116+68	R3-5FP	*	*	*	X	7	*	Right Lane	*	*	*	*	*	*	*	*	TO REMAIN
116+68	R3-5-R	*	*	*	X	7	*	Right Only	*	*	*	*	*	*	*	*	TO REMAIN
116+72	R3-5FP	X	*	*	*	*	13	Right Lane	30	12	2.5	*	1	12	*	1	
116+72	R3-5-R	X	*	*	X	*	13	Right Only	30	36	7.5	*	*	*	*	*	MOUNT BELOW R3-5FP
117+58	W4-7-L	*	*	X	*	*	2	Thru Traffic Merge Left	*	*	*	*	*	*	*	*	
117+82	R4-7	*	X	*	X	3	*	Keep Right	*	*	*	*	*	*	*	*	RELOCATE TO STA 118+10, 11' L
117+82	OM1-1	*	X	*	X	3	*	Object Marker	*	*	*	*	*	*	*	*	RELOCATE TO STA 118+10, 11' L
118+10	R3-5FP	X	*	*	*	*	5	Right Lane	30	12	2.5	*	1	12	*	1	
118+10	R3-5-R	X	*	*	X	*	5	Right Only	30	36	7.5	*	*	*	*	*	MOUNT BELOW R3-5FP
119+95	R3-8-L	X	*	*	*	5	*	Left Only, Thru & Right Turn	*	*	*	*	*	*	*	*	
119+96	W4-2-R	*	*	*	X	13	*	Merge Left	*	*	*	*	*	*	*	*	TO REMAIN
122+62	R3-8-L	*	*	*	X	13	*	Left Only, Thru & Right Turn	*	*	*	*	*	*	*	*	TO REMAIN
									20	0	2	24	*	2	*	TOTAL	
JACKRABBIT TRAIL/195TH AVE.																	
119+47	R2-1-45	*	*	X	*	3.5	*	Speed Limit 45	*	*	*	*	*	*	*	*	
119+73	R8-3	X	*	*	*	14	*	No Parking	30	30	6.25	*	1	11	*	1	
121+72	R8-3	X	*	*	*	14	*	No Parking	30	30	6.25	*	1	11	*	1	
122+15	R3-8RR	X	*	*	*	4	*	Left Only, Left Only	36	36	9	*	1	12	*	1	*
122+65	R3-8-L	*	*	X	*	14	*	Left Only, Thru & Right Turn	*	*	*	*	*	*	*	*	
124+98	R3-8RR	X	*	*	*	2.5	*	Left Only, Left Only	36	36	9	*	1	11	*	1	*
124+98	R4-7	X	*	*	X	2.5	*	Keep Right	24	30	5	*	*	*	*	*	MOUNT OTHER SIDE R3-8-RR
124+98	OM1-1	X	*	*	X	2.5	*	Object Marker	18	18	2.25	*	*	*	*	*	MOUNT BELOW R4-7
125+03	R3-17	X	*	*	*	3	*	Bike Lane	30	24	5	*	1	11	*	1	
127+36	R10-15	*	*	X	*	4	*	Turning Vehicles Yield To Peds	*	*	*	*	*	*	*	*	
127+46	OM1-1	*	*	X	*	2	*	Object Marker	*	*	*	*	*	*	*	*	
129+30	R8-3	*	*	*	X	3	*	No Parking	*	*	*	*	*	*	*	*	TO REMAIN
130+03	R3-8a	*	*	X	*	3	*	Left, Thru, Right Only	*	*	*	*	*	*	*	*	
									43	0	5	56	*	5	*	TOTAL	



REVISIONS:

- 1
- 2
- 3

PLAN NAME JACKRABBIT TRAIL / 195TH AVE IMPROVEMENT PLAN SIGN SUMMARY

ENGINEER INFORMATION WOOD PATEL Wood, Patel & Associates, Inc. Civil Engineering Water Resources Land Survey Construction Management 602.335.8500 www.woodpatel.com		SUBMITTAL: COB PLAN TRACKING # ENG-19-10265 COB PERMIT #
COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL	
AS-BUILT SEAL	DESIGN SEAL 	
ORIGINAL PLAN DATE 2/26/20	LATEST REVISION DATE	
PROJECT NUMBER 164455.03	SHEET NUMBER 7 of 8	



N:\2016\164455.03\Drawings\Jackrabbit Trail\Signing & Permitting\Marking\164455.03-CP07.dwg - 02/26/20

TC201902215

MCDOT SIGN SUMMARY TABLE

STA	SIGN CODE	WORK				OFFSET FROM BC / EOP		PANEL				GROUND MOUNT			POSTS		REMARKS	
		NEW	EXISTING		SEE REMARKS	LT (FT)	RT (FT)	LEGEND	SIGN SIZE		SHEETING TYPE AREA (SQ.FT.)		NO. POSTS	TYPE (LENGTH)		FOUNDATIONS		
			RELOCATE	REMOVE & SALVAGE					WIDTH (IN)	HEIGHT (IN)	H	D		P (FT)	U (FT)	P (EA)		U (EA)
JACKRABBIT TRAIL/195TH AVE.																		
109+42	D3	*	*	X	*	19	*	Clarendon Ave	*	*	*	*	*	*	*	*	*	
109+42	D3	*	*	X	*	19	*	195th Ave	*	*	*	*	*	*	*	*	*	
109+42	R1-1-30	*	*	X	*	19	*	Stop	*	*	*	*	*	*	*	*	*	
109+42	D3	X	*	*	*	19	*	Clarendon Ave	66	12	*	5.5	1	12	*	1	*	
109+42	D3	X	*	*	X	19	*	195th Ave	48	12	*	4	*	*	*	*	*	INSTALL BELOW D3
109+42	R1-1-36	X	*	*	X	19	*	Stop	36	36	*	9	*	*	*	*	*	INSTALL BELOW D3
110+24	R3-17	X	*	*	*	13	*	Bike Lane	30	24	5	*	1	11	*	1	*	
110+24	R3-17b	X	*	*	X	13	*	Ends	30	12	2.50	*	*	*	*	*	*	MOUNT BELOW R3-17
113+21	D3	*	*	X	*	11	*	Clarendon Ave	*	*	*	*	*	*	*	*	*	
113+21	D3	*	*	X	*	11	*	195th Ave	*	*	*	*	*	*	*	*	*	
113+21	R1-1-30	*	*	X	*	11	*	Stop	*	*	*	*	*	*	*	*	*	
113+21	D3	X	*	*	*	11	*	Clarendon Ave	66	12	*	5.5	1	12	*	1	*	
113+21	D3	X	*	*	X	11	*	195th Ave	48	12	*	4	*	*	*	*	*	INSTALL BELOW D3
113+21	R1-1-36	X	*	*	X	11	*	Stop	36	36	*	9	*	*	*	*	*	INSTALL BELOW D3
117+25	R2-1-45	X	*	*	*	13	*	Speed Limit 45	30	36	7.5	*	1	12	*	1	*	
118+57	R4-7	X	*	*	*	1.5	*	Keep Right	24	30	5	*	1	11.5	*	1	*	
118+57	M-3-L	X	*	*	X	1.5	*	Object Marker	12	36	3	*	*	*	*	*	*	MOUNT BELOW R4-7
									23	19	5	58.5	*	5	*	*	TOTAL	

MCDOT GENERAL SIGNING NOTES

- INSTALLATION OF ALL SIGNS SHALL BE IN COMPLIANCE WITH THE MCDOT SUPPLEMENT TO THE MARICOPA ASSOCIATION OF GOVERNMENTS' (MAG) UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION; SECTION 464 AND 465, THESE PLANS AND THE SPECIAL PROVISIONS.
- ALL STATION LOCATIONS AND OFFSETS SHOWN ON THE SIGNING PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL MARK ALL SIGN LOCATIONS, AND CONTACT THE MCDOT PROJECT INSPECTOR, TO COORDINATE INSPECTION WITH THE COUNTRY'S TRAFFIC ENGINEER, OR HIS REPRESENTATIVE PRIOR TO ANY PERMANENT SIGN INSTALLATION. ALL SIGNING INSTALLED PRIOR TO INSPECTION, IF MODIFICATION IS REQUIRED, SHALL BE REMOVED AND REINSTALLED AT THE CONTRACTORS EXPENSE. PERMANENT SIGNING MAY BE MODIFIED AS DIRECTED BY THE COUNTRY'S TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAFFIC CONTROL SIGNING, PERFORATED POSTS, U-CHANNEL POSTS, AND FOUNDATIONS FOR THE SIGN POSTS, AT APPROVED LOCATIONS. ALL TRAFFIC SIGNS SHALL BE ATTACHED TO THE STREET LIGHT POLES IF THE POLE IS WITHIN 25 FEET OF THE SIGN LOCATION AS SHOWN ON THE PLANS. ANY QUESTIONS CONCERNING SIGNING, CONTACT THE PROJECT INSPECTOR.
- STANDARD OFFSET FOR ALL SIGNS IS 12 FEET FROM THE NEAR EDGE OF SIGN TO THE EDGE OF PAVEMENT WITHOUT CURB AND GUTTER, AND 2 FEET MINIMUM FROM THE NEAR EDGE OF SIGN TO THE FACE OF CURB WITH CURB AND GUTTER. THE SIGN HEIGHT MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF PAVEMENT SHALL BE 5 FEET IN RURAL AND 7 FEET IN URBAN AREAS.
- ALL FACE BOLTS AND NYLON WASHERS USED FOR MOUNTING SIGNS SHALL MATCH THE COLOR IN THE PART OF THE SIGN PANEL IN WHICH THEY ARE TO BE PLACED.
- POST LENGTHS INDICATED ON THE SIGN SUMMARY SHEETS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ACTUAL POST LENGTHS.
- ALL POSTS, FOUNDATIONS, AND SIGN PANELS SHALL BE NEW UNLESS OTHERWISE DIRECTED.
- ALL STREET NAME SIGN INSTALLATION SHALL BE IN CONFORMANCE WITH MCDOT STANDARD DETAILS 2054-1 OR 2054-2. METRO STREET SIGNS SHALL CONFORM TO MCDOT STANDARD DETAIL 4780-2 UNLESS OTHERWISE NOTED.
- ALL FOUNDATION FOR PERFORATED POSTS SHALL BE IN CONFORMANCE WITH MCDOT STANDARD DETAIL 20258.
- ALL U-CHANNEL POST INSTALLATIONS SHALL BE IN CONFORMANCE WITH MCDOT STANDARD DETAIL 2059.
- ALL SIGNING SHALL BE MADE OF FLAT SHEET ALUMINUM PANELS UNLESS OTHERWISE DIRECTED WITH RETROREFLECTIVE SHEETING AND DIRECT APPLIED OR SILK SCREENED CHARACTERS PER SECTIONS 465.2.3 AND 465.2.4 OF THE MCDOT SUPPLEMENT TO THE MARICOPA ASSOCIATION OF GOVERNMENTS' (MAG) UNIFORM STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION.
- SIGNS THAT NEED TO BE REMOVED DURING CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR. THE CONTRACT SHALL REMOVE ALL PERMANENT SIGNING THAT IS NO LONGER APPLICABLE AND STORE SIGN PANELS AND POSTS IN THE CONTRACTOR'S ON-SITE CONSTRUCTION YARD. CONTRACT SHALL SCHEDULE WITH INSPECTOR THE DELIVERY OF SALVAGED SIGNING MATER (SIGN PANELS & POSTS, ETC.) TO 2909 W. DURANGO ST.



H= HIGH INTENSITY PRISMATIC SHEETING P= PERFORATED POSTS
D= DIAMOND GRADE SHEETING U= U-CHANNEL POST
POSTED SPEED= 45 MPH

REVISIONS:	
1	
2	
3	
PLAN NAME JACKRABBIT TRAIL / 195TH AVE IMPROVEMENT PLAN SIGN SUMMARY	
ENGINEER INFORMATION	Wood, Patel & Associates, Inc. Civil Engineering Water Resources Land Survey Construction Management 602.335.8500 www.woodpatel.com
COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL
AS-BUILT SEAL	DESIGN SEAL
ORIGINAL PLAN DATE	LATEST REVISION DATE
2/26/20	
PROJECT NUMBER	SHEET NUMBER
164455.03	8 of 8
ARIZONA Professional Engineer ETHAN A. BOYLE No. 58109 Expires: 6/30/20	
SUBMITTAL: COB PLAN TRACKING # ENG-19-10265 COB PERMIT #	



TC201902215