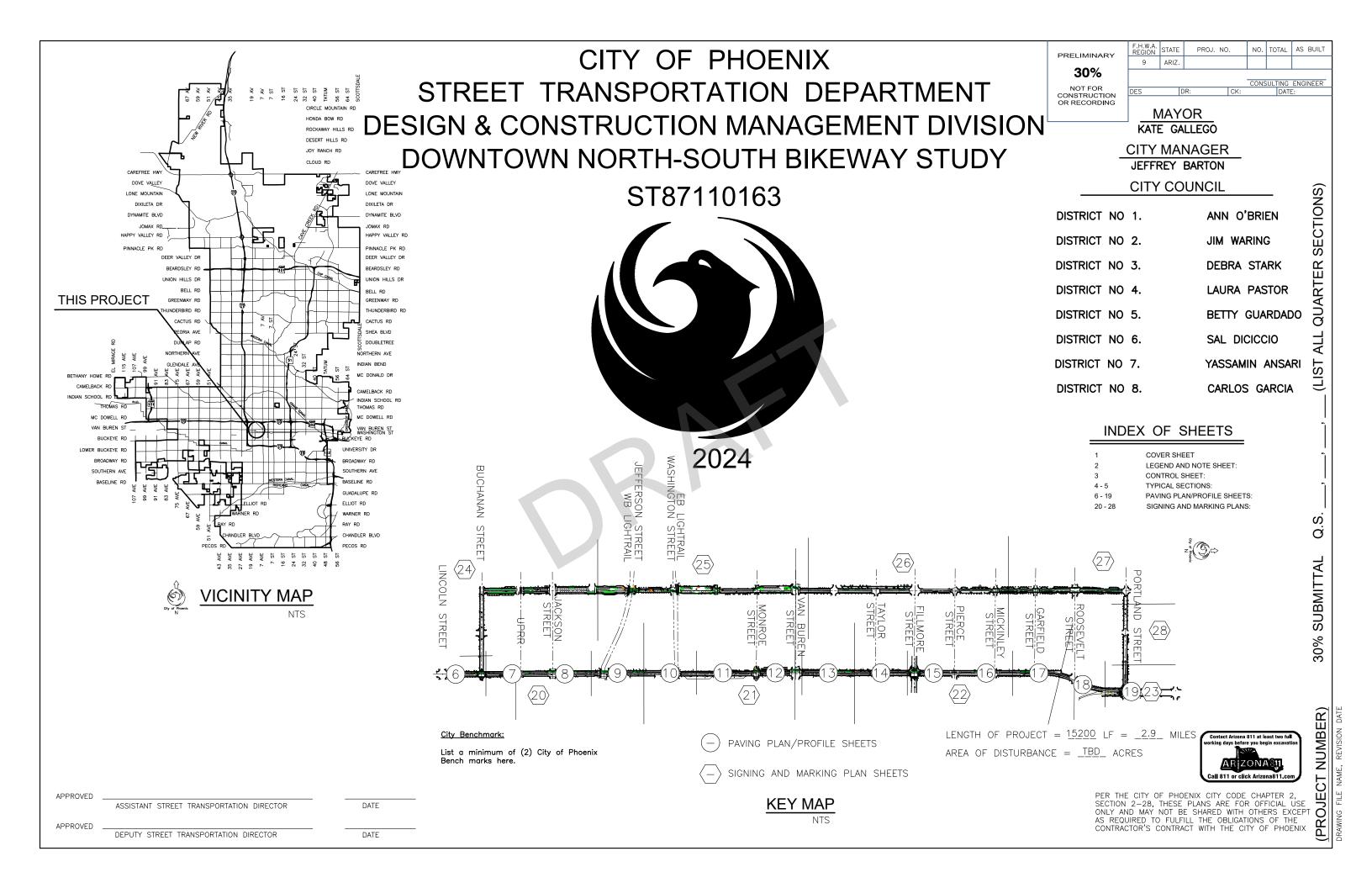
APPENDIX J – 30% PLANS



DOWNTOWN NORTH-SOUTH BIKEWAY STUDY

LEGEND

BENCHMARK

---- 12" DIP W--- EXISTING WATER LINE W/SIZE & TYPE (12" AND SMALLER)

36" DIP W EXISTING WATER LINE W/SIZE & TYPE (GREATER THAN 12")

-3/4" W--□ WATER SERVICE W/SIZE AND WATER METER BOX

EXISTING FIRE HYDRANT

EXISTING WATER VALVE W/TOP OF OPERATING NUT ELEVATION

-8" VCP S- EXISTING SANITARY SEWER LINE W/SIZE & TYPE (12" AND SMALLER) 30" VCP S EXISTING SANITARY SEWER LINE W/SIZE & TYPE (GREATER THAN 12")

——— EXISTING MANHOLE

— —E — EXISTING UNDERGROUND ELECTRIC CABLE OR SINGLE CONDUIT.

---E-4D--- EXISTING UNDERGROUND ELECTRIC DUCT (SPECIFY NUMBER) T EXISTING TELEPHONE BURIED CABLE OR SINGLE CONDUIT

— T-4D — EXISTING UNDERGROUND TELEPHONE DUCT (SPECIFY NUMBER)

--- CATV --- EXISTING UNDERGROUND CABLE TV

----FO--- 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 POWER POLE DOWN GUY ANCHOR

○ — ─ EXISTING 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

PRECAST CONCRETE CURB OR CAST-IN-PLACE CURB MEDIAN

MOUNTABLE CURB ISLAND

MODULAR SPEED BUMP

FLEXIBLE POST DELINEATOR

OPEN SPACE

# 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 CONSTUCTION 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 P-1576.

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°. THE BEND SHALL BE COLLARED ACCORDING TO M.A.G. DETAIL 505. ANY ANGLE BENDS GREATER THAN 22-1/2° SHALL BE PREFABRICATED.

CONNECTOR PIPES SHALL CONNECT TO CATCH BASIN WALLS AT AN ANGLE NOT TO EXCEED 22-1/2° FROM PERPENDICULAR.

THE CONTRACTOR SHALL CONFIRM EXISTING PIPE MATERIAL AT DESIGNATED CONNECTION POINTS PRIOR TO ORDERING ANY FITTINGS.

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.

TWO WORKING DAYS BEFORE CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ARIZONA 811 TO FIND AND FLAG UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT OTHER APPROPRIATE UTILITIES DIRECTLY IF THEY ARE NOT ON ARIZONA 811 SYSTEM.

VERTICAL CONTROL IS BASED ON PHOENIX DATUM NGVD-29

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.

### NOTES (cont.)

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

UNLESS OTHERWISE PROVIDED ON THE PLANS, THE SPACE BETWEEN THE BACK OF THE NEW SIDEWALKS, AND EXISTING A.C. PARKING LOTS, WHICH FALL WITHIN OR ABUT THE R/W SHALL BE FILLED WITH 3" A.C.S.C. ON 100% COMPACTED NATIVE SOIL.

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

M.A.G. ALLEY ENTRANCE DETAILS 260, 261, 262 AND 263, WHICH ARE INDICATED TO BE MODIFIED ON THESE PLANS SHALL BE CONSTRUCTED ACCORDING TO THE DETAIL NUMBER EXCEPT THAT THE SLAB SHALL BE 9" THICK. DRIVEWAYS DESIGNATED ON THE PLANS AS M.A.G. DETAILS 250 AND 251 SHALL BE RESIDENTIAL DRIVEWAYS 5" THICK. ALL OTHER DRIVEWAYS SHALL BE CITY OF PHOENIX DETAILS P1255.

CATCH BASIN ACCESS FRAME AND COVERS SHALL BE CONSTRUCTED PER C.O.P. DETAIL P1561.

# 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 FORMED CONCRETE, UNLESS OTHERWISE SPECIFIED.

## **WATER NOTES**

FIRE HYDRANT BONNET TO BE PAINTED BLACK PER PHOENIX FIRE CODE ARTICLE 9, REVISED, 903.4.4.3 SINCE THIS IS A

TWO WATER VALVES ARE REQUIRED FOR FIRE HYDRANT CONNECTIONS; ONE VALVE NEAR THE MAIN AND ONE VALVE NEAR THE FIRE

FIRE HYDRANT REMOVAL - AFTER ACCEPTANCE OF THE NEW WATERLINE AND NEW FIRE HYDRANTS, THE CONTRACTOR SHALL REMOVE, SALVAGE, AND DELIVER TO THE CITY OF PHOENIX YARD, ALL EXISTING FIRE HYDRANT ASSEMBLIES AS INDICATED ON THE APPROVED PLANS (THIS INCLUDES BACKFILLING AND

METER AND BOX - THE CONTRACTOR SHALL RELOCATE THE EXISTING METERS AND METER BOXES, AND CONNECT THEM AS INDICATED ON THE APPROVED PLANS AFTER THE NEW WATERLINE

HAS BEEN ACCEPTED FOR SERVICE

NEW WATER METERS AND SERVICES WILL BE INSTALLED AFTER THE CONTRACTOR MAKES PROPER APPLICATION AND PAYS THE PREVAILING FEES. APPLICATION AND PAYMENT OF FEES CAN BE MADE AT THE FOLLOWING ADDRESS: CITY OF PHOENIX, WATER SERVICES DEPARTMENT, INFRASTRUCTURE RECORD SERVICES DIVISION 200 WEST

WASHINGTON STREET, 8TH FLOOR, PHOENIX, AZ 85003.

COMPACTING THE VOID WITH ABC).



CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING FLEVATIONS FOR ALL UNDERGROUND UTILITIES WITHIN THE PROJECT LIMITS. "PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-2 THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF THE ONTRACTOR'S CONTRACT WITH THE CITY OF PHOENIX"

STATE

ARIZ.

TYLin

PRELIMINARY

NOT FOR CONSTRUCTION

OR RECORDING

PROJ. NO.

ST87110163-1

NO. TOTAL

T.Y.LIN INTERNATIONAL CONSULTING ENGINEER

# **GENERAL NOTES**

CITY OF PHOENIX, ARIZONA **DESIGN & CONSTRUCTION MANAGMENT** 

DOWNTOWN NORTH-SOUTH **BIKEWAY STUDY** ST87110163-1

DR: AB		CK: CM	SHEET	TOTAL	AS	ĕ
DATE:02/24	DATE: 02/24	DATE: 02/24	NO:	SHEETS	BUILT	Ĕ
SCALE:			0	0		Ë
SCALE.			2	28		

