

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED, ALL STATIONS ARE IN METERS.

**GENERAL NOTES**

1. THIS PRODUCT HAS BEEN DESIGNED USING THE STATE OF NEVADA 1999 STANDARD DRAWINGS, CONSTRUCTION DETAILS, AND CURRENT REVISIONS SHOWN IN THE SPECIAL PROVISIONS.
2. THIS PROJECT HAS BEEN DESIGNED USING THE 1996 STATE OF NEVADA STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
3. ALL CONDUIT SHALL BE INSTALLED AT A MINIMUM DEPTH OF 915mm, UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. EXACT CONDUIT ROUTE TO BE VERIFIED WITH THE ENGINEER PRIOR TO EXCAVATION TO ACCOUNT FOR FIELD CONDITIONS. ALL CONDUIT, COMMUNICATION CABLE, AND ELECTRICAL CABLE SHALL BE INSTALLED ACCORDING TO NATIONAL ELECTRIC CODE REQUIREMENTS.
4. THE PLANS SHOW THE GENERAL PATH AND LOCATION OF CONDUIT AND EQUIPMENT IN RELATION TO MAJOR PHYSICAL FEATURES AND APPROXIMATE STATIONING. THE LOCATION OF UTILITY POLES, SIGNS, VEGETATION AND OTHER STATIONARY OBJECTS ALONG THE CONDUIT PATH MAY NOT BE SHOWN, BUT SHALL BE IDENTIFIED BY THE CONTRACTOR AS THE CONDUIT ROUTE IS MARKED PRIOR TO TRENCHING. THE CONTRACTOR SHALL PLACE ALL CONDUIT IN A MANNER THAT MINIMIZES HORIZONTAL AND VERTICAL BENDING, NOT TO EXCEED A 10:1 DEFLECTION. THIS MINIMIZES THE INDUCED STRESSES ON CABLES DURING CABLE INSTALLATION. ALL LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO TRENCHING.
5. DIMENSIONAL DISTANCES FOR CONDUIT LOCATIONS ARE PROVIDED TO ASSIST THE CONTRACTOR IN CONDUIT PLACEMENT. WHEN NO DIMENSIONS ARE SHOWN IN THE PLANS, THE CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATING CONDUIT AROUND EXISTING UTILITIES AND OBSTRUCTIONS.
6. ALL UNDERGROUND RIGID METAL CONDUIT AND FITTINGS SHALL BE WRAPPED WITH AN APPROVED PVC TAPE.
7. THE CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" (1-800-227-2600) AT LEAST 2 WORKING DAYS PRIOR TO ANY EXCAVATION TO LOCATE ALL EXISTING UNDERGROUND UTILITIES.
8. STEEL PIPE SLEEVES SHALL BE USED WHEN MULTIPLE CONDUITS CROSS A ROADWAY IN A SINGLE RUN. THESE LOCATIONS ARE SHOWN ON THE PLANS.
9. THE INFORMATION SHOWN ON THE DRAWINGS CONCERNING THE TYPE AND LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES IS APPROXIMATE AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE ENGINEER OR THE DEPARTMENT. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND RECEIVE THE ENGINEER'S APPROVAL FOR THE LOCATIONS. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THE CONTRACTOR'S FAILURE TO PRECISELY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND AND OVERHEAD UTILITIES. THE CONTRACTOR WILL NOT BE COMPENSATED FOR THE NECESSARY REPAIRS.

**LEGEND AND DETAIL REFERENCE**

EXISTING	PROPOSED	DESCRIPTION
		PULLBOX 7 OR 9
		PULLBOX A
		SIGN SUPPORT STRUCTURE
		CABINET
		CONDUIT
		DYNAMIC MESSAGE SIGN
		CAPPED CONDUIT STUB-OUT
		UNDERGROUND ELECTRICAL SERVICE
		BARRIER RAIL CONCRETE
		CONDUIT SIZE

  

DESCRIPTION	SYMBOL
SOUND WALL	
RESIDENTIAL FENCE	
RIGHT-OF-WAY	
CENTERLINE	

**ABBREVIATIONS**

EXST	EXISTING
FAST	FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION
ITS	INTELLIGENT TRANSPORTATION SYSTEMS
NDOT	NEVADA DEPARTMENT OF TRANSPORTATION
PB	PULL BOX
PVC	POLYVINYL CHLORIDE
RMC	RIGID METAL CONDUIT
TYP	TYPICAL

			REVISIONS DATE	W.A. * DESIGN BY	FULL SCALE - 1:500 DATE
<b>DEPARTMENT OF PUBLIC WORKS</b> <b>1-15 FREEWAY CHANNEL</b> <b>ITS INFRASTRUCTURE</b> <b>GENERAL NOTES, LEGEND, AND ABBREVIATIONS</b>					
DRAWING NO. <b>IT-2</b>					