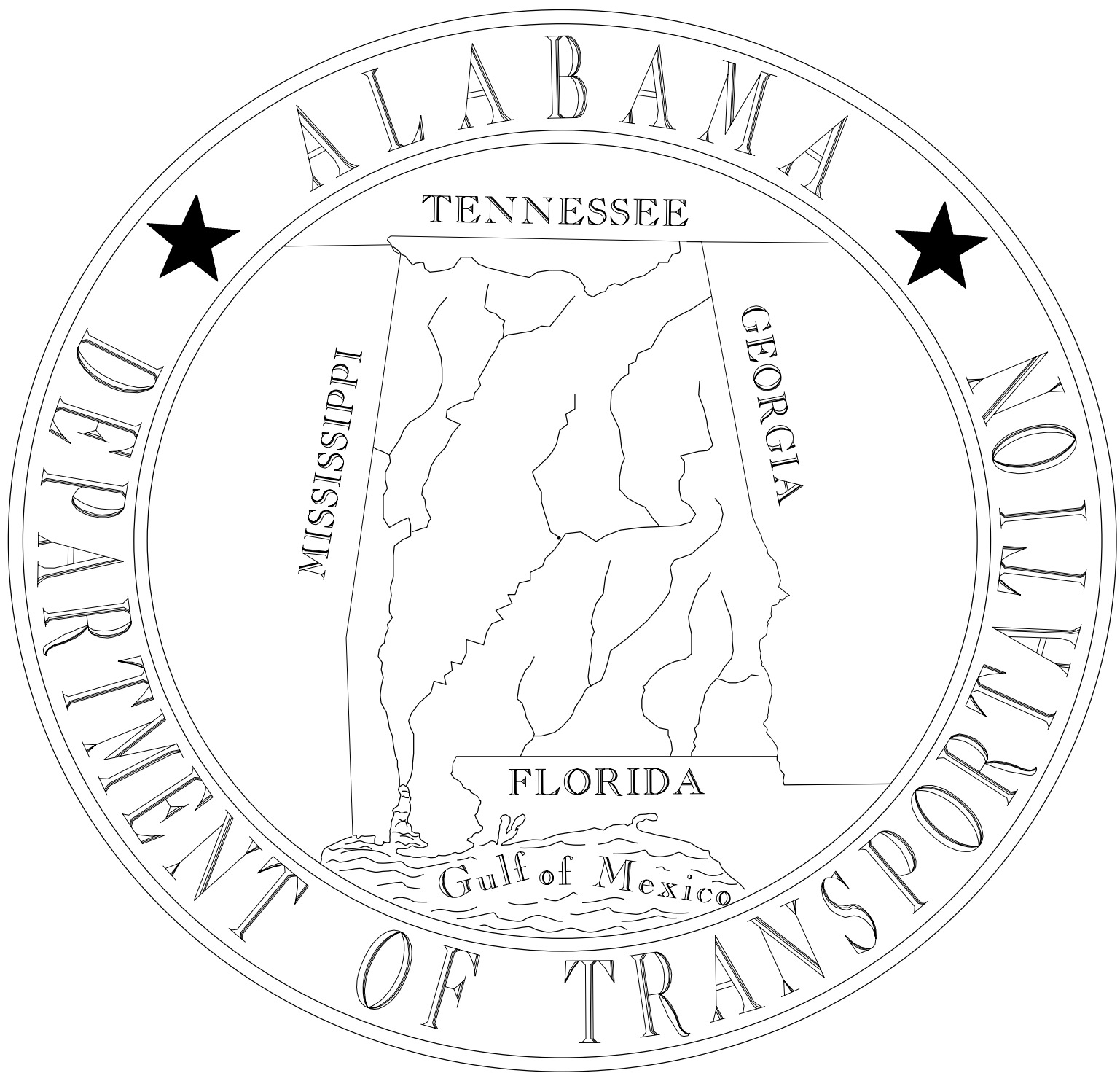


REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO

ALABAMA
DEPARTMENT OF TRANSPORTATION



SPECIAL & STANDARD HIGHWAY DRAWINGS
(U.S. CUSTOMARY UNITS OF MEASUREMENT)
2021

(Effective with the January 2021 letting)

PLANS LEGEND SHEET			REFERENCE	FISCAL	SHEET		
			PROJECT NO	YEAR	NO		
ABBREVIATIONS							
ABANDON(ED).....	ABAN	FORESIGHT OR FRONTSIGHT.....	FST	PROJECT.....	PROJ	VOLUME.....	VOL
ABUTMENT.....	ABUT	FRACTIONAL.....	FRAC	PROJECT CONTROL.....	PJC	WEST.....	W
ACCELERATION.....	ACCL	FULL SUPERELEVATION.....	FS	PROPERTY LINE.....	PL	WEST BOUND ROADWAY.....	WBR
ACQUIRED.....	ACQD	GALLON.....	GAL	PROPOSED.....	PROP	WING WALL.....	WW
ACRE.....	AC	GASOLINE PUMPS.....	GPP	QUADRUPLE.....	QUAD	WITNESS CORNER.....	WC
AHEAD.....	AH	GARAGE.....	GAR	QUADRUPLE BARREL CULVERT.....	CQ	WOOD.....	WD
ALABAMA.....	AL	GAUGE.....	GA	QUANTITY.....	QUANT	WORKING POINT.....	WP
ALABAMA DEPARTMENT OF TRANSPORTATION.....	ALDOT	GIRDER.....	GDR	RADIUS.....	R	WOVEN WIRE.....	W/W
ALTERNATE.....	ALT	GOVERNMENT.....	GOV	RAILROAD.....	RR	YARD.....	YD
APPROXIMATE(LY).....	APP	GRASS.....	GRS	RANGE.....	RGE	STRUCTURES	
AREA.....	A	GRADE CHANGE.....	GC	RECORD.....	REC	NUMBER OF STORIES.....	1, 2, 3, 4
ASPHALT.....	ASP	GRADE POINT.....	GP	REDUCTION.....	RED	FRAME.....	FR
AVERAGE ANNUAL DAILY TRAFFIC.....	AADT	GRADE ROD.....	GRD	REFERENCE.....	REF	BUILDING.....	BLDG
BACK.....	BK	GRAVEL.....	GRV	REFERENCE POINT.....	RP	BLOCK.....	BLK
BACK OF GUARDRAIL.....	BK-GR	GUARDRAIL.....	GR	REFERENCE POINT FOR POINT ON TANGENT.....	RPPOT	BRICK.....	BR
BACKSIGHT.....	BS	HEADWALL.....	HDWL	REINFORCED.....	REINF	STUCCO.....	STU
BARBED WIRE.....	B/W	HECTARE.....	HA	REINFORCED CONCRETE.....	RC	METAL.....	MET
BARREL.....	BBL	HIGH WATER MARK.....	HWM	REINFORCED CONCRETE DECK GIRDER.....	RCDG	RESIDENCE.....	RES
BARRIER.....	BAR	HEIGHT.....	HT	REINFORCED CONCRETE PIPE.....	RCP	BUSINESS.....	BUS
BASE LINE.....	BL or B	HEIGHT OF INSTRUMENT.....	HI	REINFORCING STEEL.....	REINF STL	WAREHOUSE.....	WHSE
BEARING.....	BRNG	HIGH WATER.....	HW	RELOCATE.....	RELC	CHICKEN HOUSE.....	CH HSE
BEGIN.....	BEG	HIGHWAY.....	HWY	REMOVE.....	REM	CHURCH.....	CH
BEGINNING OF PROJECT.....	BOP	HOGWIRE.....	H/W	REQUIRED.....	REQD	SCHOOL.....	SCH
BETWEEN.....	BTW	HORIZONTAL.....	HOR	RETAIN(ING).....	RET	DOUBLE WIDE MOBILE HOME.....	DW MH
BILLBOARD.....	BBD	HUB & TACK.....	H&T	REVERSE CROWN.....	RC	MOBILE HOME.....	MH
BENCH MARK.....	BM	HYDRANT.....	HYD	REVISION.....	REV	UTILITIES	
BITUMINOUS.....	BIT	IMPACT ATTENUATOR.....	IA	RIGHT.....	RT	ANCHOR WIRE.....	AW
BITUMINOUS COATED CORRUGATED METAL PIPE.....	BCCMP	IN ACCORDANCE WITH.....	I/A/W	RIGHT AHEAD.....	RA	BURIED ELECTRIC.....	BE
BOUNDARY.....	BDY	IN PLACE.....	IN-PL	RIGHT BACK.....	RB	BURIED FIBER OPTIC.....	BFO
BRIDGE.....	BRG	INCHES.....	IN	RIGHT OF WAY.....	ROW	BURIED TELEPHONE CABLE.....	BTC
BRIDGE END SLAB.....	BES	INCLUDING.....	INCL	RIGHT OF WAY MARKER.....	ROWM	BURIED CABLE TELEVISION.....	BTV
CAPACITY.....	CAPY	INSTRUMENT.....	INST	RIVER.....	RIV	CAST IRON.....	CI
CAST IRON.....	CI	ISLAND.....	ISL	ROAD.....	RD	CIRCUIT.....	CKT
CAST IN PLACE.....	CIP	JOINT.....	JT	ROADWAY.....	RDWY	DUCTILE IRON.....	DUC IRON
CATCH BASIN.....	CB	JUNCTION.....	JCT	SECTION.....	SEC	EASEMENT.....	ESMT
CENTER LINE.....	C	JUNCTION BOX.....	JB	SERVICE ROAD.....	SER RD	ELECTRIC MANHOLE.....	EMH
CHAIN LINK.....	C/L	KILOMETER.....	KM	SHEET.....	SHT	ELECTRIC JUNCTION BOX.....	EJB
CLASS.....	CLS	KILOMETER POST.....	KMP	SHEET PILING.....	SHT PILE	FIBER OPTIC.....	FO
CONCRETE.....	CONC	KILOMETERS PER HOUR.....	KPH	SHOULDER.....	SHLD	FIRE HYDRANT.....	FH
CONNECTION.....	CONN	LANE.....	LN	SIDE DRAIN.....	SD	FORCED MAIN (SANITARY SEWER).....	FM
CONSTRUCTION LIMITS.....	CONST LIM	LATITUDE.....	LAT	SIDEWALK.....	SW	GAS MAIN.....	GM
CORNER.....	COR	LEFT.....	LT	SIGHT DISTANCE.....	S DIST	GAS METER.....	GMET
CORRECTION.....	CORR	LEFT AHEAD.....	LA	SINGLE BARREL CULVERT.....	CS	GAS VALVE.....	GV
CORRUGATED IRON.....	CORI	LEFT BACK.....	LB	SKEW.....	SK	GUY WIRE.....	GUY
CORRUGATED METAL.....	CM	LENGTH OF CURVE.....	L	SLOPE STAKE.....	SST	HIGH PRESSURE.....	HP
CORRUGATED METAL PIPE.....	CMP	LINK.....	LK	SOLID SODDING.....	SOL SOD	KILOVOLT AMPS.....	KVA
CORRUGATED PLASTIC PIPE.....	CPP	LIMIT.....	LIM	SOUTH.....	S	MANHOLE.....	MH
COUNTY.....	CO	LINEAR.....	LIN	SOUTH BOUND ROADWAY.....	SBR	MERCURY VAPOR LIGHT.....	MVL
COUNTY ROAD.....	CO-RD	LINEAR FEET.....	LIN FT	SPECIAL.....	SP	OVERHEAD FIBER OPTIC.....	OFO
CREEK.....	CK	LONGITUDE.....	LONG	SPECIAL DITCH.....	SP-DT	OVERHEAD TELEPHONE CABLE.....	OTC
CROSS SECTION.....	X-SECT	MANHOLE.....	MH	SPECIAL DITCH LEFT.....	SDL	OVERHEAD ELECTRIC CABLE.....	OE
CROWN REMOVED.....	CR	MARKER.....	MRK	SPECIAL DITCH MEDIUM.....	SDM	OVERHEAD CABLE TELEVISION.....	OTV
CUBIC FEET.....	FT3	MAXIMUM.....	MAX	SPECIAL DITCH RIGHT.....	SDR	PAIR.....	PR
CUBIC FEET PER SECOND.....	CFS	MEAN HIGH WATER.....	MHW	SPECIAL DRAWING.....	SP-DWG	PEDESTAL.....	PED
CUBIC YARD.....	YD3	MEAN LOW WATER.....	MLW	SPECIFICATIONS.....	SPEC	POLYETHYLENE PIPE.....	PEP
CUBIC METERS.....	M3	MEASUREMENT.....	MEAS	SPRING LINE.....	SL	POLY-VINYL CHLORIDE PIPE.....	PVC
CULVERT.....	CULV	MEDIAN.....	MED	SPIRAL TO CURVE.....	SC	POWER POLE.....	PP
CULTIVATED.....	CULT	METER.....	M	SPIRAL POINT OF INTERSECTION.....	SPI	SANITARY SEWER.....	SS
CURB FACE.....	CF	MERIDIAN.....	MER	SPIRAL TO TANGENT.....	ST	SERVICE.....	SERV
CURB AND GUTTER.....	C&G	MILE POST.....	MP	SQUARE.....	SQ	STEEL.....	STL
CUT.....	C	MILES.....	MI	SQUARE FEET.....	FT2	STORM DRAIN.....	STM
CURVE TO SPIRAL.....	CS	MILES PER HOUR.....	MPH	SQUARE METERS.....	M2	STORM SEWER.....	STMS
DECELERATION.....	DECEL	MILLIMETER.....	MM	SQUARE YARD.....	YD2	SWITCH.....	SW
DECLINATION.....	DECL	MINIMUM.....	MIN	STAKE.....	STK	TELEPHONE.....	TEL
DEGREE OF CURVE.....	D	MONUMENT.....	MON	STANDARD.....	STD	TELEPHONE MANHOLE.....	TMH
DENIED ACCESS.....	D/A	MULTIPLE.....	MULT	STANDARD DRAWING.....	STD-DWG	TRANSFORMER.....	TRAN
DEPARTURE.....	DEP	NORMAL.....	NORM	STANDARD STRENGTH.....	STD STR	TRANSMISSION LINE.....	TR LN
DIAMETER.....	DIA	NORMAL CROWN.....	NC	STATION.....	STA	TRIAXIAL CABLE (SERVICE).....	TRIX
DIRECTION.....	DIR	NORMAL CROWN SLOPE.....	NCS	STATION & ELEVATION.....	S/E	VITRIFIED CLAY PIPE.....	VCP
DISTANCE.....	DIST	NORTH.....	N	STATION & OFFSET.....	SO	WATER MAIN.....	WM
DOUBLE.....	DBL	NORTH BOUND ROADWAY.....	NBR	STOPPING SIGHT DISTANCE.....	SSD	WATER METER.....	WMET
DOUBLE BARREL CULVERT.....	CD	NORTHING-EASTING.....	NE	STREET.....	ST	WATER VALVE.....	WV
DRAINAGE AREA.....	DA	NOT IN CONTRACT.....	NIC	STRUCTURE.....	STR	PROPERTY	
DRIVE.....	DR	NOT TO SCALE.....	NTS	SUB-GRADE.....	SG	DEED BOOK.....	DB
DROP INLET.....	DI	NUMBER.....	NO	SUPERELEVATION.....	SE, se or e	REAL PROPERTY BOOK.....	RP
EACH.....	EA	OBSERVATION.....	OBS	SURVEY.....	SRV	PLAT BOOK.....	PB
EASEMENT.....	EASMT	ON CENTER.....	OC	SYMMETRICAL.....	SYM	MAP BOOK.....	MB
EAST.....	E	ORIGINAL.....	ORIG	TANGENT.....	TAN	PAGE.....	PG
EAST BOUND ROADWAY.....	EBR	OVERHEAD.....	OHD	TANGENT LENGTH (CURVE DATA).....	T	OFFICIAL RECORD.....	OR
EDGE OF PAVEMENT.....	E/P	OVERHAUL.....	OH	TANGENT TO SPIRAL.....	TS	CAPPED (TYPICAL PLASTIC SURVEYORS CAP).....	CAP
ELEVATION.....	ELEV or ELEV	OUT TO OUT.....	OO	TEMPORARY.....	TEMP	ALUMINUM CAP.....	ALUM CAP
END OF RETURN.....	ER	PAINT.....	PNT	TEMPORARY BENCH MARK.....	TBM	BRASS CAP.....	BR CAP
END ANCHOR.....	E/A	PAVED.....	PVD	THROAT.....	TH	IRON PIPE.....	IP
END OF PROJECT.....	EOP	PAVED SHOULDER.....	PVD SH	TOWNSHIP.....	TSHP	CRIMPED.....	CR
EQUATION.....	EQ	PAVEMENT.....	PVMT	TRIPLE.....	TR	REINFORCING STEEL.....	REBAR
EROSION CONTROL PRODUCTS.....	ECP	PIPE END TREATMENT.....	PET	TRIPLE BARREL CULVERT.....	CT	CONCRETE MONUMENT.....	CM
EXCAVATION.....	EXCAV	PIPE ENTERING CULVERT.....	PEC	TURN OUT.....	TO	DAMAGED.....	DAM
EXISTING.....	EX	PLATE GIRDER.....	PL GDR	TURNING POINT.....	TP	CHISELED X.....	CH" X"
EXPANSION.....	EXP	POINT OF BEGINNING.....	POB	TYPE.....	TY	HUB AND TACK.....	H&T
EXTENSION.....	EXT	POINT OF COMPOUND CURVE.....	PCC	UNIT.....	U	NAIL AND BOTTLE TOP.....	N&BT
EXTERNAL.....	EXTN	POINT OF CURVATURE.....	PC	UNPAVED.....	UNPVD	PARKER-KALON (MASONARY NAILS).....	PK NAIL
EXTRA STRENGTH.....	EXT STR	POINT OF REVERSE CURVATURE.....	PRC	VALLEY GUTTER.....	VG	FENCE POST.....	F-POST
FEET.....	FT	POINT OF ENDING.....	POE	VARIABLE.....	VAR	RAILROAD IRON.....	RR IRON
FILL.....	F	POINT OF INTERSECTION.....	PI	VERTICAL.....	VERT	COTTON SPINDLE.....	COT SP
FILTER BLANKET.....	FLT BLNK	POINT OF TANGENCY.....	PT	VERTICAL CURVE.....	VC	ANGLE IRON.....	ANGLE IRON
FINISHED GRADE.....	FG	POINT ON CURVE.....	POC	VERTICAL POINT OF CURVATURE.....	PVC		
FINISHED SURFACE.....	FS	POUND.....	LB	VERTICAL POINT OF INTERSECTION.....	PVI		
FISCAL YEAR.....	FY	PRESENT.....	PRES	VERTICAL POINT OF TANGENCY.....	PVT		
FIXED.....	FIX	PROFILE GRADE.....	PG	VITRIFIED.....	VIT		
FLAT BOTTOM.....	FB						
FLOW LINE.....	FL or FL						
			NOT TO SCALE				

PLANS LEGEND SHEET			REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO															
ROADWAY			UTILITIES																	
<div><div><div>CENTER LINE55+00</div><div>STATE BOUNDARY LINE</div><div>COUNTY BOUNDARY LINE</div><div>CITY OR TOWN LIMITSSEC 22 SEC 23</div><div>SECTION LINES</div><div>QUARTER-SECTION LINES</div><div>RANGE-TOWNSHIP LINESR-17-E R-18-E</div><div>PROPERTY LINESR</div><div>PRESENT ROW</div><div>ACQUIRED ROWO</div><div>DENIED ACCESS</div><div>REQUIRED FENCEx</div><div>CONSTRUCTION LIMITSCONST LIM</div><div>CLEARING LIMITSX</div><div>RAILROAD </div><div>EXISTING WOOD FENCE/</div><div>EXISTING BARBED WIRE FENCEx</div><div>EXISTING CHAIN LINK FENCEo</div><div>EXISTING ELECTRIC FENCEe</div><div>EXISTING HOG WIRE FENCEX</div><div>TREESC</div><div>WOODS LINEw</div><div>MARSHM</div><div>EXISTING DITCHD</div><div>REQUIRED DITCH.....D</div><div>GRAVEL ROADG</div><div>EXISTING GUARDRAILG</div><div>REQUIRED GUARDRAILG</div><div>SATELLITE DISHS</div><div>TRAFFIC LIGHTT</div><div>BENCH MARKB</div><div>SURVEY POINTP</div><div>ENVIRONMENTAL CLEARED LIMITSENV</div></div></div>			<div><div>EXISTING PIPE- - - - -</div><div>REQUIRED PIPE (WITH PIPE END TREATMENT).....[]</div><div>REQUIRED PIPE END TREATMENT.....[]</div><div>EXISTING BOX CULVERT[]</div><div>REQUIRED BOX CULVERT[]</div><div>EXTENDED CULVERT[]</div><div>DROP INLET OR JUNCTION BOX (SEE PLANS DESCRIPTION).....[]</div><div>BRIDGE[]</div><div>PIPE CULVERT (ELEVATION VIEW) E=410.25</div><div>BOX CULVERT (ELEVATION VIEW) E=420.55</div></div>			<div><div>POWER POLE</div><div>LIGHT POLE</div><div>TELEPHONE POLE</div><div>ANCHOR</div><div>STUB (POWER)</div><div>STUB (TELEPHONE)</div><div>ELECTRIC DUCT</div><div>BURIED ELECTRIC CABLE</div><div>OVERHEAD ELECTRIC CABLE</div><div>ELECTRIC MANHOLE</div><div>TOWER</div><div>TELEPHONE PEDESTAL</div><div>TELEPHONE DUCT</div><div>BURIED TELEPHONE CABLE</div><div>OVERHEAD TELEPHONE CABLE</div><div>TELEPHONE MANHOLE</div><div>SANITARY SEWER</div><div>WATER LINE</div><div>WATER MAIN</div><div>WATER VALVE</div><div>FIRE HYDRANT</div><div>WATER METER</div><div>GAS LINE</div><div>GAS MAIN</div><div>GAS VALVE</div><div>GAS REGULATOR</div><div>BURIED CABLE TELEVISION.....</div><div>OVERHEAD CABLE TELEVISION.....</div></div>			<div><div>EXISTING</div><div>PROPOSED</div><div>===== EL 4MTD =====</div><div>----- BE -----</div><div>----- OE -----</div><div>===== [] =====</div><div>[]</div><div>===== TP 4MTD =====</div><div>----- BTC -----</div><div>----- OTC -----</div><div>===== [] =====</div><div>----- S -----</div><div>----- W -----</div><div>----- WM -----</div><div>[]</div><div>----- G -----</div><div>----- GM -----</div><div>[]</div><div>----- BTM -----</div><div>----- OTM -----</div></div>			<div><div>EXISTING PAVEMENT (RETAIN).....[]</div><div>EXISTING PAVEMENT (REMOVE).....[]</div><div>EXISTING PAVEMENT (RETAIN AND OVERLAY)..[]</div><div>CONCRETE (EXISTING OR REQUIRED).....[]</div><div>EXISTING CONCRETE (REMOVE).....[]</div><div>RIP RAP (EXISTING OR REQUIRED).....[]</div></div>			<div><div>DRAINAGE STRUCTURE INDEX NUMBERS</div><div>DRAINAGE STRUCTURE WRITE-UPS ARE LOCATED ON THE DRAINAGE CROSS-SECTION SHEETS. STRUCTURES WITH WRITE-UPS ARE INDEXED AT EACH END, WITH NUMBERS ASSIGNED BY DIRECTION OF FLOW. THE NUMBER IN THE UPPER HALF OF THE CIRCLE (EXAMPLE 8 OR 9) IS THE DRAINAGE STRUCTURE INDEX NUMBER. THE NUMBER IN THE LOWER HALF (EXAMPLE 88) IS THE SHEET REFERENCE NUMBER.</div><div><div>8 88</div><div>9 88</div><div>REQD 18" RCP</div><div>ROADWAY PIPE EXAMPLE</div></div><div><div>SD 4</div><div>REQD 18"</div><div>SIDE DRAIN PIPE EXAMPLE</div></div><div>DIRECTION OF FLOW></div></div>			NOT TO SCALE		
			DATE DRAWN: 08-16-12																	