

SPEC. NUMBER	SUB SECTION	ITEM DESCRIPTION	MATERIAL	TEST OR SUBMITTAL	REFERENCE SPECIFICATIONS AND TEST PROCEDURES	FREQUENCY	SUBMITTALS			EST. # TESTS
							CERT	PROCED.	OTHER	
				<b>DIVISION I - GENERAL REQUIREMENTS</b>						
		EMERGENCY PHONE NUMBERS		<b>SUBMITTAL</b>		1/PROJECT OR CHANGE	YES			
		AIR POLLUTION CONTROL PERMIT		<b>SUBMITTAL</b>		1/PROJECT OR CHANGE	YES			
		NOTIFICATION TO PROPERTY OWNERS		<b>SUBMITTAL</b>		1/PROJECT OR NEED	YES			
		GRADING PLAN		<b>SUBMITTAL</b>		1/PROJECT OR NEED	YES			
		TRAFFIC CONTROL / BARRICADE PLANS		<b>SUBMITTAL</b>		1/LOCATION OR SETUP	YES			
		PRIVATE SCHEDULE / C.P.M.		<b>SUBMITTAL</b>		1/PROJECT OR REVISION	YES			
		NDPES PERMIT		<b>SUBMITTAL</b>		1/PROJECT	YES			
		PROJECT SIGNS		<b>SUBMITTAL</b>		1/PROJECT	YES			
		STEEL PROTECTION PLATES		<b>SUBMITTAL</b>		1/SUPPLIER	YES			
		FALSEWORK DESIGNS		<b>SUBMITTAL</b>		1/LOCATION	YES			
		STRUCTURAL REINFORCEMENT		<b>SUBMITTAL</b>		1/LOCATION	YES			
		RECORD DRAWINGS "AS BUILT"		<b>SUBMITTAL</b>		1/PROJECT	YES			
		TRAFFIC SIGNAL MYLARS		<b>SUBMITTAL</b>		1/LOCATION	YES			
<b>111</b>		<b>SOILS AND AGGREGATE TESTS</b>								
	111.01	SIEVE ANALYSIS	S & A	SIEVE ANALYSIS	ASTM C136, & C117	1 / 1000 CY				
	111.02	LABORATORY MAXIMUM DENSITY	S & A	LABORATORY MAX DENSITY	ASTM D 1557 "A","B",OR "C"	1 / TYPE				
	111.03	FIELD DENSITY	S & A	FIELD DENSITY	ASTM D1556, OR D2922 & D3017	1 / 5000 SQFT				
				<b>DIVISION II - CONSTRUCTION DETAILS</b>						
<b>201</b>		<b>CLEARING AND GRUBBING</b>								
	201.03.03	CLEARING AND GRUBBING	S & A	FIELD DENSITY	RTC 203.03.17 & 18					
<b>202</b>		<b>REMOVAL OF STRUCTURES AND OBSTRUCTIONS</b>								
	202.03.01	GENERAL	S & A	FIELD DENSITY	RTC 203.03.17 & 18					
<b>203</b>		<b>EXCAVATION AND EMBANKMENT</b>								
	<b>203</b>	<b>BORROW</b>		<b>SOURCE SUBMITTAL</b>			YES W/TESTS			
	203.02.04	BORROW	S & A		RTC 301	SPECIAL PROVISIONS				
	<b>203</b>	<b>SELECT BORROW</b>		<b>SOURCE SUBMITTAL</b>			YES W/TESTS			
	203.02.05	SELECTED BORROW	S & A		RTC 301	SPECIAL PROVISIONS				
	203.03.17	COMPACTION, DIRT EMBANKMENT	S & A	FIELD DENSITY - EMBANKMENT	RTC 111		1 / 5000 SF / LIFT			
			S & A	FIELD DENSITY - STRUCTURES	RTC 111		1 / 100 SF / LIFT			
	203.03.18	COMPACTION, ROCK EMBANKMENT	S & A	FIELD DENSITY - EMBANKMENT		daily field inspection re	CONTINUOUS			
<b>206</b>		<b>STRUCTURE EXCAVATION</b>								
	206.03.01	GENERAL	S & A	FIELD DENSITY	RTC 111		1 / 5000 SF / LIFT			
<b>207</b>		<b>STRUCTURE BACKFILL</b>								
	<b>207</b>	<b>SELECTED BACKFILL</b>		<b>SOURCE SUBMITTAL</b>			YES W/TESTS			
	207.02.01	SELECTED BACKFILL	S & A	SIEVE ANALYSIS	RTC 111		1 / 1000 CY			
			S & A	PLASTICITY INDEX	ASTM D4318		1 / 1000 CY			
		<b>GRANULAR BACKFILL</b>		<b>SOURCE SUBMITTAL</b>			YES W/TESTS			
	207.02.02	GRANULAR BACKFILL	S & A	SIEVE ANALYSIS	RTC 111		1 / 1000 CY			
			S & A	PLASTICITY INDEX	ASTM D4318		1 / 1000 CY			
			S & A	SOLUBLE SULFATES	CALTRANS 417B		1 / TYPE			
	207.03.ALL	GENERAL	S & A	FIELD DENSITY	RTC 111		1 / 250 SF / LIFT			
<b>208</b>		<b>TRENCH EXCAVATION AND BACKFILL</b>								
	208.02.01	SELECTED BACKFILL	S & A		RTC 301					
	208.02.02	GRANULAR BACKFILL	S & A		RTC 301					
	<b>208</b>	<b>SAND BACKFILL</b>		<b>MIX DESIGN SUBMITTAL</b>			YES W/TESTS			
	208.02.03	SAND BACKFILL	S & A	FIELD DENSITY	RTC 111		1 / 100 LF / LIFT			
			S & A	SIEVE ANALYSIS	RTC 111		1 / 1000 CY			
			S & A	PLASTICITY INDEX	ASTM D4318		1 / 1000 CY			
	<b>CONTRACTOR -</b>				<b>PROJECT INFORMATION</b>					<b>BID NUMBER -</b>

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							CERT	PROCED.	OTHER	
	208.02.04	TYPE II AGGREGATE BASE	S & A	SOLUBLE SULFATES	CALTRANS 417B	1 / TYPE				
			S & A	FIELD DENSITY - TRENCH - STRUCTURES	RTC 111	1 / 100 LF / LIFT				
			S & A		RTC 704					
	208	FLOWABLE BACKFILL		MIX DESIGN SUBMITTAL			YES	W/TESTS		
	208.02.06	FLOWABLE BACKFILL	PCC	COMPRESSIVE STRENGTH	ASTM D4832	1 / 100 CY				
			S & A		RTC 501					
	208	CRUSHED ROCK		SOURCE SUBMITTAL			YES	W/TESTS		
	208.02.07	CRUSHED ROCK	S & A	SIEVE ANALYSIS	RTC 111	1 / 1000 CY				
	208.03.03	TRENCH BACKFILL	S & A	FIELD DENSITY	RTC 111	1 / 100 LF / LIFT				
<b>209</b>		<b>DRAIN BACKFILL</b>								
	209.02.01	GENERAL	S & A		RTC 704.03.01					
<b>210</b>		<b>WATERING</b>								
	210.02.01	GENERAL	WATER		RTC 722					
<b>211</b>		<b>EROSION CONTROL</b>								
	211.02.01	ROADSIDE MATERIALS	CHIPS		RTC 726.03.04(c)					
			BARK		RTC 726.03.04(d)					
<b>301</b>		<b>SELECTED BORROW</b>								
	301.02.01	GENERAL	S & A	SIEVE ANALYSIS	RTC 111	1 / 1000 CY				
			S & A	PLASTICITY INDEX	RTC 111	1 / 1000 CY				
			S & A	SOLUBILITY	CCTM-200	1 / TYPE				
			S & A	R-VALUE	ASTM D2844	1 / TYPE				
	301.03.04	COMPACTION	S & A	FIELD DENSITY	RTC 111	1 / 5000 SF / LIFT				
<b>302</b>		<b>AGGREGATE BASE COURSE (BA)</b>								
	302.02.01	GENERAL	S & A		RTC 704					
	302.03.05	COMPACTION	S & A	FIELD DENSITY	RTC 111	1 / 5000 SF / LIFT				
<b>303</b>		<b>PLANTMIX BITUMINOUS BASE (BPM -BASE)</b>								
	303.02.01	GENERAL	BIT.		RTC 401					
<b>304</b>		<b>PORTLAND CEMENT TREATED BASE (CTB)</b>								
	304.02.01	GENERAL	PORT. CEMENT		RTC 701					
			WATER		RTC 702					
			AGG		RTC 704.03.08					
			AC		RTC 703.03.03					
			EMULSIFIED		RTC 703.03.04					
			CTB	COMPRESSIVE STRENGTH	ASTM D1633 & C39	3/DAY 1 - THEN 1/DAY				
			CTB	MOISTURE CONTENT	ASTM D2216	1 / 1000 TONS				
			AGG	SIEVE ANALYSIS	RTC 111	1 / 1000 TONS				
			AGG	SAND EQUIVALENT	ASTM D2419	1 / 1000 TONS				
	304.03.05	COMPACTION	CTB	FIELD DENSITY	RTC 111 & ASTM D558	1 / 5000 SF / LIFT				
<b>306</b>		<b>LIME STABILIZED SUBGRADE (LTB)</b>								
	306.02.01	SUBGRADE MATERIALS	S & A	SOLUBLE SULFATES	CALTRANS 417B	1 / SOIL TYPE				
	306.02.02	LIME	LIME		ASTM C977		YES			
	306.02.03	WATER	WATER		AASHTO T26		YES			
	306.03.01	MIX DESIGN	LTB	LTB MIX DESIGN	HEREIN	1 / SOIL TYPE	YES			
	306.03.03	LIME APPLICATION	LIME	APPLICATION OF LIME	ASTM D3155	CONTINUOUS				
	306.03.04	MIXING	LTB	COMPRESSIVE STRENGTH	ASTM D1633 'A'	3/DAY 1 - THEN 1/DAY				
			LTB	MOISTURE CONTENT	ASTM D2216	1 / 1000 CY				
			LTB	SIEVE ANALYSIS	RTC 111	1 / 1000 CY				
			LTB	LIME CONTENT	ASTM D3155	1 / 1000 CY				
			LTB	PLASTICITY INDEX	ASTM D4318	1 / 1000 CY				
			LTB	MOISTURE DENSITY RELATIONSHIP	ASTM D698	1 / SOIL TYPE				
			LTB	FIELD DENSITY	RTC 111	1 / 5000 SF / LIFT				
<b>401</b>		<b>PLANTMIX BITUMINOUS PAVEMENTS</b>								
	401.02.01	COMPOSITION OF MIXTURES	BPM	MARSHALL MIX DESIGN	ASPH. INST. MS-2		YES			
	401.02.02	AGGREGATES	S & A	AGG SAMPLE	RTC 705					
	401.02.03	COMMERCIAL MINERAL FILLER	MF		RTC 705.03.04					
	401.02.04	BITUMINOUS MATERIALS	BM		RTC 703					
	401.03.01	BITUMINOUS MIXING PLANT	BPM	PLANT INSPECTION	ASTM D290	CONTINUOUS				
			BPM	PRODUCTION RATE REPORT		1 / 100 TONS				
			BPM	PRODUCTION RATE REPORT		PROJECT SUMMARY				
	401.03.06	PREP. OF EXISTING SURFACE	AC - MC - SS	PRIME OR TACK COAT	RTC 405, 406					
	401.03.09	MIXING	S & A	MOISTURE CONTENT	ASTM D2216	1 / 750 TONS				
		SAMPLING AND TESTING OF BIT. MIXTURE	BPM	ASPHALT CONTENT	ASTM D172, D4125, OR AASHTO TP53	1 / 750 TONS				

CONTRACTOR -

PROJECT INFORMATION

BID NUMBER -

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							CERT	PROCED.	OTHER	
			BPM	SIEVE ANALYSIS	ASTM C136, C117	1 / 750 TONS				
			BPM	MOISTURE CONTENT	ASTM D1461 OR NDOT T306B	1 / 750 TONS				
			BPM	THEORETICAL MAXIMUM SPECIFIC GRAVITY	ASTM D2041	1 / 750 TONS				
			BPM	BULK SPECIFIC GRAVITY OF LAB. COMPACTED & AIR Voids	ASTM D1188, D2950	1 / 750 TONS				
			BPM	MARSHALL - STABILITY AND FLOW	ASTM D1559	1 / 750 TONS				
			BPM	RETAINED TENSILE STRENGTH	AASHTO T283	1 / DAY				
			BPM	FIELD DENSITY	RTC 111	1 / 5000 SF / LIFT				
			BPM	PROFILOGRAPH	NDOT 402	1/LANE CONT. -TOP LIFT				
<b>402</b>		<b>PLANTMIX BITUMINOUS SURFACE</b>								
	402.01.01	COMPOSITION OF MIXTURES	BPM	MIX DESIGN	ASPH. INST. MS-2		YES			
	402.02.01	AGGREGATES	S & A	AGG SAMPLE	RTC 705					
		COMMERCIAL MINERAL FILLER	MF		RTC 705.03.04					
		BITUMINOUS MATERIALS	BM		RTC 703					
		BITUMINOUS MIXING PLANT	BPM	PLANT INSPECTION	ASTM D290	CONTINUOUS				
			BPM	PRODUCTION RATE REPORT		1 / 100 TONS				
			BPM	PRODUCTION RATE REPORT						
		PREP. OF EXISTING SURFACE	AC - MC - SS	PRIME OR TACK COAT	RTC 405, 406					
	402.03.01	MIXING	S & A	MOISTURE CONTENT	ASTM D2216	1 / 750 TONS				
		SAMPLING AND TESTING OF BIT. MIXTURE	BPM	ASPHALT CONTENT	ASTM D2172, D4125, OR AASHTO TP53	1 / 750 TONS				
			BPM	SIEVE ANALYSIS	ASTM C136, C117	1 / 750 TONS				
			BPM	MOISTURE CONTENT	ASTM D1461 OR NDOT T306B	1 / 750 TONS				
			BPM	THEORETICAL MAXIMUM SPECIFIC GRAVITY	ASTM D2041	1 / 750 TONS				
			BPM	BULK SPECIFIC GRAVITY OF LAB. COMPACTED & AIR Voids	ASTM D1188, D2950	1 / 750 TONS				
			BPM	MARSHALL - STABILITY AND FLOW	ASTM D1559	1 / 750 TONS				
			BPM	RETAINED TENSILE STRENGTH	AASHTO T283	SPECIAL PROVISION	1 / DAY			
			BPM	FIELD DENSITY	RTC 111	1 / 5000 SF / LIFT				
	402.03.03	SURFACE TOLERANCE	BPM	PROFILOGRAPH	NDOT 402	1/LANE CONT. -TOP LIFT				
<b>403</b>		<b>PLANTMIX BITUMINOUS OPEN-GRADED SURFACE</b>								
	403.02.02	COMPOSITION OF MIXTURES	BPM	MIX DESIGN	ASPH. INST. MS-2	1 / TYPE	YES			
	403.02.01	AGGREGATES	S & A	AGG SAMPLE	RTC 705					
		COMMERCIAL MINERAL FILLER	MF		RTC 705.03.04					
		BITUMINOUS MATERIALS	BM		RTC 703					
		BITUMINOUS MIXING PLANT	BPM	PLANT INSPECTION	ASTM D290	CONTINUOUS				
			BPM	PRODUCTION RATE REPORT		1 / 100 TONS				
			BPM	PRODUCTION RATE REPORT						
		PREP. OF EXISTING SURFACE	AC - MC - SS	PRIME OR TACK COAT	RTC 405, 406					
	403.03.01	MIXING	S & A	MOISTURE CONTENT	ASTM D2216	1 / 750 TONS				
		SAMPLING AND TESTING OF BIT. MIXTURE	BPM	ASPHALT CONTENT	ASTM D2172, D4125, OR AASHTO TP53	1 / 750 TONS				
			BPM	SIEVE ANALYSIS	ASTM DC136, C117	1 / 750 TONS				
			BPM	MOISTURE CONTENT	ASTM D1461 OR NDOT T306B	1 / 750 TONS				
			BPM	THEORETICAL MAXIMUM SPECIFIC GRAVITY	ASTM D2041	1 / 750 TONS				
	403.03.04	SURFACE TOLERANCE	BPM	PROFILOGRAPH	NDOT 402	1/LANE CONT. -TOP LIFT				
<b>404</b>		<b>HOT PLANTMIX RECYCLED BITUMINOUS PAVEMENT</b>								
	404.01.01	COMMERCIAL MINERAL FILLER	MF		RTC 705.03.04					
		PREP. OF EXISTING SURFACE	AC - MC - SS		RTC 405, 406					
	404.02.01	COMPOSITION OF MIXTURES	BPM	MIX DESIGN	FEDERAL HIGHWAYS SPEC	1 / TYPE	YES			
	404.02.02	AGGREGATES	S & A	AGG SAMPLE	RTC 705					
	404.02.03	BITUMINOUS MATERIALS	BM		RTC 703					
	404.02.04	RECYCLING AGENT	RA	VISCOSITY	ASTM D2170	1 / SHIPMENT				
			RA	FLASH POINT	ASTM D92	1 / SHIPMENT				
			RA	SATURATES	ASTM D2007	1 / SHIPMENT				
			RA	RESIDUE FROM RTFC	ASTM D2872	1 / SHIPMENT				
			RA	SPECIFIC GRAVITY	ASTM D70 - D1298	1 / SHIPMENT				
	404.03.01	MIXING	S & A	MOISTURE CONTENT	ASTM D2216	1 / 750 TONS				
		SAMPLING AND TESTING OF BIT. MIXTURE	BPM	ASPHALT CONTENT	ASTM D2172, D4125, OR AASHTO TP53	1 / 750 TONS				
			BPM	SIEVE ANALYSIS	ASTM C136, C117	1 / 750 TONS				
			BPM	MOISTURE CONTENT	ASTM D1461 OR NDOT T306B	1 / 750 TONS				
			BPM	THEORETICAL MAXIMUM SPECIFIC GRAVITY	ASTM D2041	1 / 750 TONS				
			BPM	BULK SPECIFIC GRAVITY OF LAB. COMPACTED & AIR Voids	ASTM D1188, D2950	1 / 750 TONS				
			BPM	MARSHALL - STABILITY AND FLOW	ASTM D1559	1 / 750 TONS				
			BPM	RETAINED TENSILE STRENGTH	AASHTO T283	SPECIAL PROVISION	1 / DAY			
			BPM	FIELD DENSITY	RTC 111	1 / 5000 SF / LIFT				
		SURFACE TOLERANCE	BPM	PROFILOGRAPH	NDOT 402	1/LANE CONT. -TOP LIFT				
	404.03.03	PREPARATION OF AGGREGATES	S & A	MOISTURE CONTENT	ASTM D2216	1 / 750 TONS				
<b>405</b>		<b>TACK COAT</b>								
		BITUMINOUS MATERIALS	OIL	BIT. MATERIALS	RTC 705					
	<b>CONTRACTOR -</b>			<b>PROJECT INFORMATION</b>			<b>BID NUMBER -</b>			

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	405.03.04	APPLICATION OF ASPHALTIC EMULSION	OIL	APPLICATION RATE	RTC 406.03.04 <i>daily field inspection re</i>	CONTINUOUS				
<b>406</b>		<b>PRIME COAT</b>								
	406.02.01	BITUMINOUS MATERIALS		BIT. MATERIALS	RTC 703					
	406.02.02	SAND BLOTTER	S & A	AGG SAMPLE	RTC 705.03.06					
	406.03.04	APPLICATION OF ASPHALTIC EMULSION	OIL	APPLICATION RATE	RTC 406.03.04 <i>daily field inspection re</i>	CONTINUOUS				
<b>407</b>		<b>SEAL COAT</b>								
	407.02.01	BITUMINOUS MATERIALS	OIL	BIT. MATERIALS	RTC 703					
	407.02.02	SAND BLOTTER	S & A	AGG SAMPLE	RTC 705.03.06					
	407.03.04	APPLICATION OF ASPHALTIC EMULSION	OIL	APPLICATION RATE	RTC 406.03.04 <i>daily field inspection re</i>	CONTINUOUS				
<b>408</b>		<b>SURFACE TREATMENT</b>								
	408.02.01	SLURRY SEAL MIX DESIGN				1/TYPE	YES			
	408.02.01	BITUMINOUS MATERIALS	OIL	BIT. MATERIALS	RTC 703					
	408.02.02	SCREENINGS	S & A	AGG SAMPLE	RTC 705.03.05					
	408.03.07	APPLICATION OF ASPHALTIC EMULSION	OIL	APPLICATION RATE	RTC 406.03.04 <i>daily field inspection re</i>	CONTINUOUS				
	408.03.08	APPLICATION OF SCRFEENINGS	S & A	APPLICATION RATE	<i>daily field inspection re</i>	CONTINUOUS				
<b>409</b>		<b>PORTLAND CEMENT CONCRETE PAVEMENT (PCCP)</b>								
	409.02.01	GENERAL	S & A	SAMPLING	RTC 706.03.03					
			S & A	SAMPLING	RTC 706.03.01					
			PC	SAMPLING	RTC 701					
			WATER	SAMPLING	RTC 722					
			AIR ADMIX.	SAMPLING	RTC 702.03.03					
			JOINT FILLER	SAMPLING	RTC 707.03.01					
			CURING MAT.	SAMPLING	RTC 702.03.01					
			SG PAPER	SAMPLING	RTC 702.03.02					
			REINFORCEMENT	SAMPLING	RTC 713					
	409.02.02	GRADATION REQUIREMENTS	S & A	SAMPLING	RTC 501.02.02					
	409.02.03	CONCRETE PROPERTIES AND TESTS	PCC	FLEXURAL STRENGTH	ASTM C293, C78	1 / 500 CY				
			PCC	SLUMP	ASTM C143	1 / 500 CY				
			PCC	UNIT WEIGHT	ASTM C138	1 / 500 CY				
			PCC	AIR CONTENT	ASTM C173, OR C231	1 / 500 CY				
			PCC	COMPRESSIVE STRENGTH	ASTM C39	1 / 500 CY				
			PCC	YIELD	ASTM C138 <i>daily field inspection re</i>	CONTINUOUS				
	409.03.01	CLASSIFICATION AND PROPORTIONS	PCCP	MIX DESIGN	As Specified in the Special Provisions	1 / TYPE				
	409.03.02	EQUIPMENT - GENERAL	PCCP	PLANT INSPECTION	ASTM C94,OR C685 <i>daily field inspection re</i>	CONTINUOUS				
	409.03.05	REINFORCEMENT	REINFORCEMENT	SAMPLING	RTC 505					
	409.03.08	SPREADING, COMPACTING, AND SHAPING	PCCP	PROFILOGRAPH	As Specified in the Special Provisions	1 / LANE				
<b>495</b>		<b>PRESTRESSING CAST-IN-PLACE CONCRETE</b>								
	495.03.04	PRESTRESSING	STRAND	STRESSING INSPECTION	<i>daily field inspection re</i>	CONTINUOUS				
	495.03.05	BONDING AND GROUTING	PC	SAMPLING	RTC 701					
			WATER	SAMPLING	RTC 722					
			ADMIX	SAMPLING	RTC 501.02.03					
			GROUT	PUMP-ABILITY	US CORP CRD-C79	1 / BATCH				
	495.02.01	SAMPLES AND TESTING	STRAND	ULTIMATE TENSILE STRENGTH	ASTM A416 - A421	1/LOT	YES W/TESTS			
			GROUT	COMPRESSIVE STRENGTH	ASTM C39	1 / DAY				
<b>501</b>		<b>PORTLAND CEMENT CONCRETE (CONCRETE)</b>								
	501	SIDEWALK		MIX DESIGN SUBMITTAL			YES			
	501	COMMERCIAL DRIVEWAYS		MIX DESIGN SUBMITTAL			YES			
	501	RESIDENTIAL DRIVEWAYS		MIX DESIGN SUBMITTAL			YES			
	501	VALLEY GUTTER		MIX DESIGN SUBMITTAL			YES			
	501	MEDIAN ISLANDS		MIX DESIGN SUBMITTAL			YES			
	501	STRUCTURAL CONCRETE		MIX DESIGN SUBMITTAL			YES			
	501	DROP INLETS		MIX DESIGN SUBMITTAL			YES			
	501	MANHOLES		MIX DESIGN SUBMITTAL			YES			
	501	ENCASEMENTS		MIX DESIGN SUBMITTAL			YES			
	501	CURB/ GUTTER		MIX DESIGN SUBMITTAL			YES			
	501	CONCRETE SLOPE PAVING		MIX DESIGN SUBMITTAL			YES			
	501	TRAFFIC SIGNAL AND STREETLIGHT BASES		MIX DESIGN SUBMITTAL			YES			
	501	CONCRETE		MIX DESIGN SUBMITTAL			YES			
	501.02.01	GENERAL	WATER	SAMPLING	RTC 722					
			S & A	SAMPLING	RTC 706					
			PC	SAMPLING	RTC 701					
			CURING MAT.	SAMPLING	RTC 702					
			ADMIX	SAMPLING	RTC 702					
<b>CONTRACTOR -</b>		CONCRETE MAKING PROPERTIES	PCC	COMPRESSIVE STRENGTH	ASTM C39, C192	1/100 CY/ DAY	<b>BID NUMBER -</b>			

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			PCC	SLUMP	ASTM C143	1/100 CY/ DAY				
			PCC	UNIT WEIGHT	ASTM C138	1 / DAY				
			PCC	AIR CONTENT	ASTM C231	1 / 100 CY / DAY				
			PCC	CONCRETE CORING	ASTM C42	AS NECC.				
501.03.01	EQUIPMENT		PLANT	PLANT INSPECTION	ASTM C	CONTINUOUS				
			PLANT	YIELD	ASTM C138	CONTINUOUS				
501.03.04	CLASSIFICATION AND PROPORTIONS		MIX	MIX DESIGN	ACI	1 / TYPE	YES			
501.03.11	GENERAL - MORTAR		CEMENT	SAMPLING	RTC 701					
			S & A	SAMPLING	RTC 706.03.04					
<b>502</b>		<b>CONCRETE STRUCTURES</b>								
	<b>502</b>	<b>CONCRETE</b>		<b>MIX DESIGN SUBMITTAL</b>						
502.01.01	GENERAL - DESCRIPTION		ALL	PCC TESTING	RTC 501					
502.02.02	GENERAL - MATERIALS		JOINT MAT.	SAMPLING	RTC 707					
			REINFORCE.	SAMPLING	RTC 713					
			MISC METALS	SAMPLING	RTC 712					
			BEARING PADS	SAMPLING	RTC 725					
502.03.15	FINISH HORIZONTAL SURFACES		PCC	STRAIGHTEDGING	As Specified in the Special Provisions					
<b>503</b>		<b>PRECAST PRESTRESSED CONCRETE MEMBERS</b>								
	<b>503</b>	<b>CONCRETE</b>		<b>MIX DESIGN SUBMITTAL</b>						
503.02.01	GENERAL - DESCRIPTION		ALL	PCC TESTING	RTC 501					
			ALL	CONCRETE STRUCTURES	RTC 502					
			ALL	REINFORCING	RTC 713					
<b>504</b>		<b>LIGHTWEIGHT CONCRETE FOR STRUCTURES</b>								
	<b>504</b>	<b>CONCRETE</b>		<b>MIX DESIGN SUBMITTAL</b>						
504.01.01	GENERAL - DESCRIPTION		ALL	PCC TESTING	RTC 501					
			ALL	CONCRETE STRUCTURES	RTC 502					
504.02.03	CONCRETE MAKING PROPERTIES		LPCC	TESTS FOR POPOUTS	ASTM C330	1 / 100 CY				
			LPCC	UNIT WEIGHT AND CEMENT	ASTM C138	1 / 100 CY				
			LPCC	FREEZING AND THAWING	ASTM C666	1 / 100 CY				
			LPCC	AIR DRY WEIGHT	ASTM C567	1 / 100 CY				
<b>505</b>		<b>REINFORCING STEEL</b>								
505.02.01	GENERAL - MATERIALS		ALL	FAB STEEL BARS	RTC 713.03.02					
			ALL	BAR STEEL	RTC 713.03.01					
			ALL	WELDED STEEL WIRE	RTC 713.03.03					
505.02.02	SAMPLES		REBAR	ULTIMATE TENSILE	ASTM A615	2/LOT/SIZE	YES			
<b>506</b>		<b>STEEL STRUCTURES</b>								
506.02.01	GENERAL - DESCRIPTION		ALL	STRUCTURAL AND EYEBAR STEEL	RTC 710					
			ALL	ALUMINUM FOR BRIDGE RAIL	RTC 711					
			ALL	MISC METALS	RTC 712					
			ALL	PAINT	RTC 714					
			ALL	GALVANIZING	RTC 715					
			ALL	BEARING PADS	RTC 725					
506.03.02	NOTICE OF BEGINNING WORK		MILL	MILL INSPECTION	ASTM A6	1 / FABRICATION				
506.03.20	WELDING		WELD	SHOP WELDING INSPECTION - UT	AWS D 2.0	AS NECC.	YES W/TESTS			
			WELD	SHOP WELDING INSPECTION - MAG	AWS D 2.0	AS NECC.	YES W/TESTS			
			WELD	SHOP WELDING INSPECTION - XRAY	ASTM E109	AS NECC.	YES W/TESTS			
			WELD	FIELD WELDING INSPECTION - UT	AWS D 2.0	AS NECC.	YES W/TESTS			
			WELD	FIELD WELDING INSPECTION - MAG	AWS D 2.0	AS NECC.	YES W/TESTS			
			WELD	FIELD WELDING INSPECTION - XRAY	ASTM E109	AS NECC.	YES W/TESTS			
<b>507</b>		<b>TIMBER STRUCTURES</b>								
507.02.01	GENERAL - MATERIALS		ALL	STRUCTURAL AND EYEBAR STEEL	RTC 710					
			ALL	PAINT	RTC 710, 614					
			ALL	MISC METALS	RTC 710					
			ALL	HARDWARE	RTC 710					
			ALL	TIMBER	RTC 710					
			ALL	TIMBER PRESERVATIVE	RTC 710					
<b>508</b>		<b>PILING</b>								
508.02.01	GENERAL - MATERIALS		ALL	STEEL SHELL FOR PILES	RTC 712.03.08					
			ALL	STEEL PILES	RTC 712.03.07					
			ALL	REINFORCEMENT	RTC 713					
			ALL	TIMBER PILES	RTC 717					
508.03.07	LOAD TESTING		PILES	LOAD TESTING		1 / PROJECT	YES W/TESTS			
<b>CONTRACTOR -</b>	<b>PRECAST CONCRETE PILES</b>		<b>ALL</b>	<b>CONCRETE TESTING</b>	<b>PROJECT INFORMATION</b>		<b>BID NUMBER -</b>			

SPEC. NUMBER	SUB SECTION	ITEM DESCRIPTION	MATERIAL	TEST OR SUBMITTAL	REFERENCE SPECIFICATIONS AND TEST PROCEDURES	FREQUENCY	SUBMITTALS			EST. # TESTS
							CERT	PROCED.	OTHER	
<b>601</b>		<b>PIPE CULVERTS - GENERAL</b>								
	601.02.01	GENERAL - MATERIALS	ALL	CORRUGATED METAL PIPE	RTC 709.03.01					
			ALL	BIT. COATED CORRUGATED PIPE	RTC 709.03.02					
			ALL	REINFORCED CONCRETE PIPE	RTC 708.03.01					
			ALL	NON-REINFORCED CONCRETE PIPE	RTC 708.03.02					
			ALL	CLAY PIPE	RTC 708.03.04					
			ALL	GROUT AND MORTAR SAND	RTC 706.03.04					
			ALL	RUBBER GASKETS	RTC 707.03.02					
	601.03.01	EARTHWORK	ALL	EARTHWORK	RTC 206, 207, AND 208					
	601.03.02	HEADWALLS	ALL	CONCRETE	RTC 501, AND 502					
<b>602</b>		<b>NON-REINFORCED CONCRETE AND CLAY PIPE</b>								
	602.02.01	GENERAL - MATERIALS	ALL	REINFORCED CONCRETE PIPE	RTC 603.02.01, 603.03.01 THRU 603.03.06					
			ALL	PIPE CULVERTS - GENERAL	RTC 601.02.01					
<b>603</b>		<b>REINFORCED CONCRETE PIPE</b>								
	603.02.01	GENERAL - MATERIALS	ALL	PIPE CULVERTS - GENERAL	RTC 601.02.01					
			ALL	JOINT MOTRTAR	RTC 501.05.01 "C"					
			ALL	GROUT AND MORTAR SAND	RTC 706.03.04					
<b>604</b>		<b>CORRUGATED METAL PIPE AND METAL ARCH PIPE</b>								
	604.02.01	GENERAL - MATERIALS	ALL	PIPE CULVERTS - GENERAL	RTC 601.02.01					
<b>605</b>		<b>THERMOPLASTIC PIPE CULVERTS</b>								
	605.02.01	GENERAL - MATERIALS	ALL	PIPE CULVERTS - GENERAL	RTC 601.02.01					
	605.03.04	DEFLECTION TESTING	PIPE	DEFLECTION TESTING	As Specified in the Special Provisions	1 / LOT	YES	W/TESTS		
<b>606</b>		<b>STRUCTURAL PLATE PIPE AND PIPE ARCH CULVERTS</b>								
	606.02.01	GENERAL - MATERIALS	PIPE	STRUCT. PLATE PIPE & ARCHES	AASHTO M167 OR ASTM 761	1 / LOT	YES	W/TESTS		
			PIPE	BITUMIN. COATED PIPE	AASHTO M190 A,B, C	1 / LOT	YES	W/TESTS		
	606.03.04	EARTHWORK	ALL	EARTHWORK	RTC 206, 207, 208					
	606.03.08	HEADWALLS	ALL	CONCRETE	RTC 501, 502					
<b>607</b>		<b>UNDERDRAINS</b>								
	607.02.01	GENERAL - MATERIALS	ALL	CORR. METAL PIPE	RTC 709.03.05					
			ALL	BITUMIN. COATED CORR. PIPE	RTC 709.03.06					
			ALL	PERFORATED CONC. PIPE	RTC 708.03.03					
			ALL	CLAY PIPE	RTC 708.03.04					
			ALL	DRAIN BACKFILL	RTC 704.03.01					
	607.03.01	EARTHWORK	ALL	EARTHWORK	RTC 206, 209					
<b>608</b>		<b>DOWNDRAINS</b>								
	608	CONCRETE		MIX DESIGN SUBMITTAL	RTC 501					
	608.02.01	GENERAL - MATERIALS	ALL	CORR. METAL PIPE	RTC 709.03.04					
			ALL	SURFACING MISC. AREAS	RTC 401.03.14					
			ALL	GROUTED RIPRAP	RTC 610.03.04					
			ALL	CONCRETE	RTC 501					
			ALL	REINFORCING STEEL	RTC 505					
			ALL	FRAMES FOR GRATES	RTC 609					
			ALL	PIPE FOR CROSSBARS	ASTM A53, A120	1 / LOT	YES			
<b>609</b>		<b>CATCH BASINS, MANHOLES, AND INLETS</b>								
	609	CONCRETE		MIX DESIGN SUBMITTAL	RTC 501					
	609.02.01	GENERAL - MATERIALS	ALL	PORTLAND CEMENT CONCRETE	RTC 501					
			ALL	REINFORCING STEEL	RTC 505					
			ALL	MISC METALS	RTC 712					
			ALL	GRAY IRON CASTINGS	RTC 712.03.02					
			ALL	PIPE FOR CROSSBARS	ASTM A53, A120	1 / LOT	YES			
	609.03.04	EARTHWORK	ALL	EARTHWORK	RTC 206, 207					
<b>610</b>		<b>SLOPE AND CHANNEL PROTECTION</b>								
	610	CONCRETE		MIX DESIGN SUBMITTAL	RTC 501					
	610.02.01	GENERAL - MATERIALS	ALL	WATER	RTC 722					
			ALL	STONE FOR MASONRY & RIPRAP	RTC 706.03.05					
			ALL	PORTLAND CEMENT	RTC 701					
			ALL	GROUT AND MORTAR SAND	RTC 706.03.04					
	610.02.04	STONES FOR RIPRAP	RIPRAP	GRADATION INSPECTION		1 / SHIPMENT				
			RIPRAP	PERCENT OF WEAR		1 / SOURCE				
CONTRACTOR -				PROJECT INFORMATION			BID NUMBER -			

SPEC. NUMBER	SUB SECTION	ITEM DESCRIPTION	MATERIAL	TEST OR SUBMITTAL	REFERENCE SPECIFICATIONS AND TEST PROCEDURES	FREQUENCY	SUBMITTALS			EST. # TESTS
							CERT	PROCED.	OTHER	
	610.02.08	WIRE MESH FOR GABIONS	RIPRAP WIRE MESH WIRE MESH WIRE MESH	BULK SPECIFIC GRAVITY WIRE MESH ULTIMATE STRENGTH GALVANIZING	ASTM C127 ASTM A641, A809 ASTM A370 ASTM A641	1 / SOURCE 1 / LOT 1 / LOT 1 / LOT				
	610.03.01	EARTHWORK	ALL	EARTHWORK	RTC 206, 207					
	610.03.04	GROUTED RIPRAP	ALL	PCC	RTC 501, 502					
<b>611</b>		<b>CONCRETE SLOPE PAVING</b>								
	611	<b>CONCRETE</b>		<b>MIX DESIGN SUBMITTAL</b>	<b>RTC 501</b>					
	611.02.01	GENERAL - MATERIALS	ALL	PCC	RTC 501					
			ALL	REINFORCING STEEL	RTC 505					
			S & A	FINE AGGREGATE	RTC 706.03.03					
	611.03.01	EARTHWORK	ALL	WIRE MESH	ASTM A185	1 / LOT			YES W/TESTS	
			ALL	EARTHWORK	RTC 206					
<b>612</b>		<b>PNEUMATICALLY PLACED CONCRETE MORTAR</b>								
	612	<b>CONCRETE</b>		<b>MIX DESIGN SUBMITTAL</b>	<b>RTC 501</b>					
	612.02.01	GENERAL - MATERIALS	ALL	PORTLAND CEMENT	RTC 701					
			ALL	FINE AGGREGATE	RTC 706.03.03					
			ALL	FINE AGGREGATE #89	ASTM 448					
	612.03.01	PREPARATION OF SUBGRADE	ALL	WIRE MESH	ASTM A185	1 / LOT			YES W/TESTS	
			S & A	FIELD DENSITY	RTC 111					
<b>613</b>		<b>CONCRETE CURB, WALK, GUTTERS, DRIVEWAYS AND ALLEY INTERSECTIONS</b>								
	613	<b>CONCRETE</b>		<b>MIX DESIGN SUBMITTAL</b>	<b>RTC 501</b>					
	613.02.01	GENERAL - MATERIALS	ALL	PCC	RTC 501, 502					
	613.03.01	CONSTRUCTION	S & A	FIELD DENSITY	RTC 111	1/100 LF				
	613.03.06	SLIP FORMS	AGG	EXTRUDED CONC. AGGREGATES	RTC 706.02.01 (3/4")					
	613.03.09	EXPANSION JOINTS	ALL	JOINT FILLER	RTC 707					
<b>614</b>		<b>PAINTING</b>								
	614.02.01	GENERAL - MATERIALS	ALL	PAINT	RTC 714					
<b>615</b>		<b>PRESERVATIVE TREATMENTS FOR TIMBER</b>								
	615.02.01	GENERAL - MATERIALS	ALL	TIMBER PRESERVATIVES	RTC 719					
<b>616</b>		<b>FENCING</b>								
	616.02.01	GENERAL - MATERIALS	ALL	PCC	RTC 501					
			ALL	FENCING MATERIALS	RTC 724					
<b>617</b>		<b>CATTLE GAURDS</b>								
	617.02.01	GENERAL - MATERIALS	ALL	PCC	RTC 501					
			ALL	REINFORCING STEEL	RTC 505					
			ALL	STEEL STRUCTURES	RTC 506					
			ALL	HARDWARE	RTC 723					
			ALL	PAINTING	RTC 614					
			ALL	PAINT	RTC 714					
			ALL	TIMBER	RTC 718					
	617.03.01	EARTHWORK	ALL	EARTHWORK	RTC 206, 207					
<b>618</b>		<b>GAURDRAIL</b>								
	618.02.01	GENERAL - MATERIALS	ALL	TIMBER	RTC 718					
			ALL	TIMBER PRESERVATIVES	RTC 719					
			ALL	GAURDRAIL MATERIALS	RTC 720					
			ALL	GALVANIZING	RTC 715					
			ALL	CABLE END CONNECTOR	RTC 720.03.04					
	618.02.02	REFLECTORS	ALL	REFLECTORS	RTC 721.02.03					
	618.03.01	GENERAL - CONSTRUCTION	ALL	PCC	RTC 501, 502					
<b>619</b>		<b>OBJECT MARKERS AND GUIDE POSTS</b>								
	619.02.01	GENERAL - MATERIALS	ALL	OBJECT MARKERS	RTC 721					
<b>620</b>		<b>RIGHT-OF-WAY MARKERS</b>								
	620.02.01	GENERAL - MATERIALS	ALL	OBJECT MARKERS AND GUIDE PASTS	RTC 721					
<b>621</b>		<b>MONUMENTS</b>								
	621.02.01	GENERAL - MATERIALS	ALL	PCC	RTC 501					
<b>623</b>		<b>TRAFFIC SIGNALS AND STREET LIGHTING</b>								
	623	<b>CONCRETE</b>		<b>MIX DESIGN SUBMITTAL</b>	<b>RTC 501</b>					
		TRAFFIC SIGNALS SECTION								
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							CERT	PROCED.	OTHER	
623	G.02.01	CONDUIT	CONDUIT	HARDNESS	ASTM	1 / LOT	YES			
			CONDUIT	DIELECTRIC STRENGTH	ASTM	1 / LOT	YES			
			CONDUIT	TENSILE STRENGTH	ASTM	1 / LOT	YES			
623	G.02.04	COPPER WIRE	WIRE	WIRE	ASTM D2220 (B2, B8)	1 / LOT	YES			
			CABLE	SIGNAL CABLE	IMSA	1 / LOT	YES			
623	G.03.02	SCHEDULING OF WORK	ALL	FIELD TESTS	RTC 623	CONTINUOUS				
623	G.03.04	EXCAVATING AND BACKFILL	ALL	EARTHWORK	RTC 206, 207, 208					
623	G.03.06	FOUNDATIONS	ALL	PCC	RTC 501					
623	T.02.07	PEDESTRIAN SIGNAL FACES	GASKETS	HOUSING GASKETS	ASTM D1056 (SBE42)	1 / LOT	YES			
623	T.02.09	STANDARD, STEEL PEDESTALS, AND POSTS	WELD	WELD INSPECTION	AWS D2.0	1 / LOT				
			PIPE	STEEL PIPE	ASTM A53, A120	1 / LOT	YES			
			SHEET STEEL	SHEET STEEL	ASTM A283 (D), A570 (C)	1 / LOT	YES			
			STRUCTURAL STEEL	STRUCTURAL STEEL	ASTM A36	1 / LOT	YES			
			BASES	CAST IRON BASES	ASTM A27 (70-40)	1 / LOT	YES			
			BOLTS	ANCHOR BOLTS	ASTM A576 (C-1035), A153, A165	1 / LOT	YES			
623	T.03.01	PAINTING	ALL	PRIMER	RTC 714.03.01(B)					
			ALL	GALVANIZING	RTC 715.03.01					
		STREET LIGHTING SECTION								
623	L.02.01	MATERIALS, STANDARDS AND POSTS	WELDS	WELDING INSPECTION	AWS D2.0	CONTINUOUS				
			POLES	SHEET STEEL	ASTM E8	1 / LOT	YES			
			POLES	CAST STEEL	ASTM A27 (65-35),	1 / LOT	YES			
			POLES	SHEET STEEL	ASTM A36, A283 (D)	1 / LOT	YES			
			POLE ARMS	STEEL	ASTM A120	1 / LOT	YES			
			POLE ARMS	STEEL	ASTM A570 (A)	1 / LOT	YES			
			POLE ARMS	BOLTS	ASTM A325	1 / LOT	YES			
			ALL	TESTS	ASTM A370 (13.1)	1 / LOT	YES			
623	L.02.02	ANCHOR BOLTS	ALL	ANCHOR BOLTS	ASTM A576(C1035), A153, A165	1 / LOT	YES			
623	L.02.07	PAINT	ALL	PAINT AND PAVEMENT MARKERS	RTC 714					
623	L.03.03	TESTING	ALL	FIELD TESTS		CONTINUOUS				
<b>625</b>		<b>CONSTRUCTION SIGNS</b>								
625	02.01	GENERAL - MATERIALS	ALL	SIGN MATERIALS	RTC 716.03.01					
<b>627</b>		<b>PERMANENT SIGNS</b>								
627	02.01	GENERAL - MATERIALS	ALL	SIGN MATERIALS	RTC 716					
627	03.03	INSTALLATION	ALL	EARTHWORK	RTC 203, 206, 207					
<b>628</b>		<b>PAINTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND CURB MARKINGS</b>								
628	01.01	GENERAL - DESCRIPTION	ALL	MATERIALS						
628	02.01	PAINT FOR TRAF. STRIPING, ETC.	ALL	PAINT	RTC 714.03.05					
628	02.02		ALL	TRAFFIC STRIPES	RTC 714.03.09					
628	02.03	RETROREFLECTIVE MARKINGS	ALL	MARKINGS	RTC 714.03.06					
628	03.02	EQUIPMENT	ALL	PAINT THICKNESS	ASTM D711	CONTINUOUS				
628	03.06	APPLICATION OF PAINT	ALL	APPLICATION OF PAINT	RTC 714.03.06&07	CONTINUOUS				
			ALL	STRAIGHTEDGING	As Specified in the Spec	CONTINUOUS				
<b>629</b>		<b>WATER DISTRIBUTION FACILITIES</b>								
<b>630</b>		<b>SANITARY SEWERS</b>								
<b>631</b>		<b>STREET NAME SIGNS</b>								
631	02.02	MATERIALS	ALL	REFLECTIVE SHEETING	RTC 716.03.01					
<b>632</b>		<b>HEADLIGHT GLARE SCREEN</b>								
632	02.01	GENERAL - EXPANDED MESH	ALL	GALVANIZED SHEET	ASTM A525	1 / LOT	YES			
		GENERAL - EXPANDED MESH	DRY FILM	DRY FILM THICKNESS	ASTM D1400	1 / LOT	YES			
		GENERAL - EXPANDED MESH	DRY FILM	GLOSS	FED TEST STAND #141(6101)	1 / LOT	YES			
		GENERAL - POSTS, CAPS, AND HARDWARE	ALL	STRUCTURAL STEEL	ASTM A36	1 / LOT	YES			
			ALL	GALVANIZING	ASTM A123	1 / LOT	YES			
			POSTS	POST PIPE	ASTM A53, A120	1 / LOT	YES			
			TIES	ALLUMINUM WIRE TIES	ASTM B211	1 / LOT	YES			
			MESH PANEL	REMOVABLE MESH PANEL	RTC 721					
<b>633</b>		<b>PAVEMENT MARKERS</b>								
633	02.01	NONREFLECTIVE MARKERS	MARKERS	BOND STRENGTH	RTC 633.02.03					
			MARKERS	GLAZE THICKNESS	ASTM	1 / LOT	YES			
			MARKERS	MOH HARDNESS	ASTM	1 / LOT	YES			
			MARKERS	DIRECTIONAL REFLECTANCE	ASTM	1 / LOT	YES			
			MARKERS	YELLOWNESS INDEX	ASTM	1 / LOT	YES			
CONTRACTOR -					PROJECT INFORMATION					SP NUMBER -



SPEC. NUMBER	SUB SECTION	ITEM DESCRIPTION	MATERIAL	TEST OR SUBMITTAL	REFERENCE SPECIFICATIONS AND TEST PROCEDURES	FREQUENCY	SUBMITTALS			EST. # TESTS
							CERT	PROCED.	OTHER	
			MARKERS	AUTOCLAVE - VISUAL	ASTM	1 / LOT	YES			
			MARKERS	STRENGTH	ASTM	1 / LOT	YES			
			MARKERS	WATER ABSORPTION	ASTM	1 / LOT	YES			
633.02.02		REFLECTIVE MARKERS	MARKERS	BOND STRENGTH	RTC 633.02.03					
			MARKERS	REFLECTIVENESS	CALTRANS - TEST # 669	1 / LOT	YES			
633.02.03		HOT APPLIED FLEXIBLE MARKER ADHESIVE	MARKERS	STRENGTH	CALTRANS - TEST # 669	1 / LOT	YES			
			ADHESIVE	SAFE HEATING TEMP		1 / LOT	YES			
			ADHESIVE	PENETRATION	ASTM D3407	1 / LOT	YES			
			ADHESIVE	SOFTENING POINT	ASTM D2398	1 / LOT	YES			
			ADHESIVE	DUCTILITY @ 77F	ASTM D113	1 / LOT	YES			
			ADHESIVE	DUCTILITY @ 39.2F	ASTM D113	1 / LOT	YES			
			ADHESIVE	ASPHALT COMPATIBILITY	ASTM D3407	1 / LOT	YES			
<b>646</b>		<b>WATERPROOFING AND DAMPPROOFING</b>								
646.02.01		GENERAL - MATERIALS	ASPHALT	WATERPROOF ASPHALT	ASTM D449 (A OR B)	1 / LOT	YES W/TESTS			
			PRIMER	WATERPROOF PRIMER	ASTM D41	1 / LOT	YES W/TESTS			
			FABRIC	WATERPROOF FABRIC	ASTM D1668	1 / LOT	YES W/TESTS			
<b>660</b>		<b>METAL BIN-TYPE RETAINING WALLS</b>								
660.02.01		GENERAL - MATERIALS	SHEETING	CORRUGATED METAL PIPE	AASHTO M36	1 / LOT	YES W/TESTS			
660.03.02		EARTHWORK	ALL	EARTHWORK	RTC 206, 207					
				<b>DIVISION III - MATERIALS DETAILS</b>						
<b>701</b>		<b>PORTLAND CEMENT</b>								
701.01.01		GENERAL - SCOPE	ALL	SOLUBLE SULFATES	CALTRANS TM 417-B	1 / LOT	YES W/TESTS			
701.01.02		GENERAL - MATERIALS	FLYASH	FLYASH	RTC 729					
701.01.03		REQUIREMENTS	TYPE I-P	PORTLAND CEMENT	ASTM C595	1 / LOT	YES W/TESTS			
			TYPE II	PORTLAND CEMENT	ASTM C150	1 / LOT	YES W/TESTS			
			ALL OTHERS	PORTLAND CEMENT	AASHTO M85	1 / LOT	YES W/TESTS			
			ALL	ALKALIES	ASTM C114	1 / LOT	YES W/TESTS			
<b>702</b>		<b>CONCRETE CURING MATERIALS AND ADMIXTURES</b>								
702.03.01		CURING MATERIALS	ALL	BURLAP COTH	AASHTO M182	1 / LOT	YES W/TESTS			
			ALL	WATERPROOF PAPER	AASHTO M171	1 / LOT	YES W/TESTS			
			ALL	LIQUID COMPOUNDS	ASTM C309 (1D)	1 / LOT	YES W/TESTS			
			ALL	PLASTIC SHEETING	ASTM C171	1 / LOT	YES W/TESTS			
			ALL	WHITE PIGMENTED COMPOUND	ASTM C309 (2)	1 / LOT	YES W/TESTS			
			ALL	WHITE POLYETHYLENE SHEETING	ASTM C171	1 / LOT	YES W/TESTS			
702.03.03		AIR-ENTRAINING ADMIXTURES	ALL	AIR ADMIXTURES	ASTM C260	1 / LOT	YES W/TESTS			
702.03.04		ADMIXTURES OTHER THAN AIR-ENTRAINING	ALL	ADMIXTURES	ASTM C494	1 / LOT	YES W/TESTS			
702.03.05		HYDRATED LIME	ALL	HYDRATED LIME	ASTM C207 (N)	1 / LOT	YES W/TESTS			
702.03.07		WHITE PIGMENTED CURING COMPOUND - CHLORINATED	ALL	WHITE PIGMENTED CURING COMPOUND - CHLORINATED	NDOT CURRENT SPECS	1 / LOT	YES W/TESTS			
702.03.08		FLY ASH	ALL	FLYASH	RTC 729					
<b>703</b>		<b>BITUMINOUS MATERIALS</b>								
703.03.01		REFINERY TEST REPORT	ALL	REFINERY TEST REPORT		1 / LOT	YES W/TESTS			
703.03.03		ASPHALT CEMENTS	ALL	VISCOSITY @ 140F	AASHTO T202	1 / LOT	YES W/TESTS			
			ALL	VISCOSITY @ 275F	AASHTO T201	1 / LOT	YES W/TESTS			
			ALL	PENETRATION @ 77F	AASHTO T49	1 / LOT	YES W/TESTS			
			ALL	FLASH POINT	AASHTO T48	1 / LOT	YES W/TESTS			
			ALL	SOLUBILITY IN TRICHLOROETHYLENE	AASHTO T44	1 / LOT	YES W/TESTS			
			ALL	DUCTILITY @ 39F	AASHTO T51	1 / LOT	YES W/TESTS			
			ALL	TESTS ON RESIDUE FROM RTFC	AASHTO T240, T202	1 / LOT	YES W/TESTS			
		ASPHALT CEMENT - AC20-P	ALL	VISCOSITY @ 140F	NDOT T727	1 / LOT	YES W/TESTS			
			ALL	VISCOSITY @ 275F	AASHTO T201	1 / LOT	YES W/TESTS			
			ALL	FLASH POINT	AASHTO T48	1 / LOT	YES W/TESTS			
			ALL	DUCTILITY @ 39F	NDOT T746	1 / LOT	YES W/TESTS			
			ALL	TOUGHNESS / TENACITY	NDOT T745	1 / LOT	YES W/TESTS			
			ALL	TESTS ON RESIDUE FROM RTFC	AASHTO T240 NDOT T727, T46	1 / LOT	YES W/TESTS			
703.03.04		LIQUID ASPHALTS - RAPID CURING	ALL	VISCOSITY @ 140F	ASTM D2170, AASHTO T201	1 / LOT	YES W/TESTS			
			ALL	FLASH POINT	ASTM D1310, AASHTO T79	1 / LOT	YES W/TESTS			
			ALL	DISTILLATION	ASTM D402, AASHTO T78	1 / LOT	YES W/TESTS			
			ALL	DISTILL RESIDUE - PEN.	ASTM D5, AASHTO T49	1 / LOT	YES W/TESTS			
			ALL	DISTILL RESIDUE - DUCTILITY	ASTM D113, AASHTO T51	1 / LOT	YES W/TESTS			
			ALL	DISTILL RESIDUE - SOLUBILITY	ASTM D2042, AASHTO T44	1 / LOT	YES W/TESTS			
			ALL	WATER CONTENT	ASTM D95, AASHTO T55	1 / LOT	YES W/TESTS			
		LIQUID ASPHALTS - MEDIUM CURING	ALL	VISCOSITY @ 140F	ASTM D2170, AASHTO T201	1 / LOT	YES W/TESTS			
			ALL	FLASH POINT	ASTM D1310, AASHTO T79	1 / LOT	YES W/TESTS			
			ALL	DISTILLATION	ASTM D402, AASHTO T78	1 / LOT	YES W/TESTS			
<b>CONTRACTOR -</b>			<b>ALL</b>	<b>DISTILLATION</b>	<b>PROJECT INFORMATION</b>	<b>1 / LOT</b>	<b>YES</b>	<b>NUMBER -</b>		

SPEC. NUMBER	SUB SECTION	ITEM DESCRIPTION	MATERIAL	TEST OR SUBMITTAL	REFERENCE SPECIFICATIONS AND TEST PROCEDURES	FREQUENCY	SUBMITTALS			EST. # TESTS
							CERT	PROCED.	OTHER	
			ALL	DISTILL RESIDUE - PEN.	ASTM D5, AASHTO T49	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - DUCTILITY	ASTM D113, AASHTO T51	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - SOLUBILITY	ASTM D2042, AASHTO T44	1 / LOT	YES	W/TESTS		
			ALL	WATER CONTENT	ASTM D95, AASHTO T55	1 / LOT	YES	W/TESTS		
		LIQUID ASPHALTS - SLOW CURING	ALL	VISCOSITY @ 140F	ASTM D2170, AASHTO T201	1 / LOT	YES	W/TESTS		
			ALL	FLASH POINT	ASTM D1310, AASHTO T79	1 / LOT	YES	W/TESTS		
			ALL	DISTILLATION	ASTM D402, AASHTO T78	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - PEN.	ASTM D5, AASHTO T49	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - DUCTILITY	ASTM D113, AASHTO T51	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - SOLUBILITY	ASTM D2042, AASHTO T44	1 / LOT	YES	W/TESTS		
			ALL	WATER CONTENT	ASTM D95, AASHTO T55	1 / LOT	YES	W/TESTS		
703.03.04		EMULSIFIED ASPHALT - ANIONIC	ALL	TEST OF EMULSION	ASTM D88	1 / LOT	YES	W/TESTS		
			ALL	DISTILLATION	ASTM D244	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - PEN.	ASTM D5, AASHTO T49	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - DUCTILITY	ASTM D113, AASHTO T51	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - SOLUBILITY	ASTM D2042, AASHTO T44	1 / LOT	YES	W/TESTS		
			ALL	TEST OF EMULSION	ASTM D88	1 / LOT	YES	W/TESTS		
			ALL	DISTILLATION	ASTM D244	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - PEN.	ASTM D5, AASHTO T49	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - DUCTILITY	ASTM D113, AASHTO T51	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - SOLUBILITY	ASTM D2042, AASHTO T44	1 / LOT	YES	W/TESTS		
		EMULSIFIED ASPHALT - CATIONIC	ALL	TEST OF EMULSION	ASTM D88	1 / LOT	YES	W/TESTS		
			ALL	DISTILLATION	ASTM D244	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - PEN.	ASTM D5, AASHTO T49	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - DUCTILITY	ASTM D113, AASHTO T51	1 / LOT	YES	W/TESTS		
			ALL	DISTILL RESIDUE - SOLUBILITY	ASTM D2042, AASHTO T44	1 / LOT	YES	W/TESTS		
<b>704</b>		<b>BASE AGGREGATES</b>								
704.02.03		PLASTIC LIMITS	ALL	PLASTIC LIMITS	ASTM D4318	1 / 1000 CY				
	704	DRAIN BACKFILL		SOURCE SUBMITTAL			YES	W/TESTS		
704.03.01		DRAIN BACKFILL	ALL	SIEVE ANALYSIS	ASTM C136, C117	1 / 1000 CY				
			ALL	PERCENT WEAR (LA ABRASION)	ASTM C131	1 / 1000 CY				
	704	TYPE I AGGREGAE BASE		SOURCE SUBMITTAL			YES	W/TESTS		
704.03.02		TYPE I AGREGATE BASE	ALL	SIEVE ANALYSIS	ASTM C136, C117	1 / 1000 CY				
			ALL	PLASTIC LIMITS	ASTM D4318	1 / 1000 CY				
			ALL	PERCENT WEAR (LA ABRASION)	ASTM C131	1 / PROJECT				
			ALL	RESISTANCE (R-VALUE)	ASTM D2844	1 / PROJECT				
			ALL	SAND EQUIVALENT		1 / 1000 CY				
	704	TYPE II AGGREGATE BASE					YES	W/TESTS		
704.03.04		TYPE II AGGREGATE BASE	ALL	SIEVE ANALYSIS	ASTM C136, C117	1 / 1000 CY				
			ALL	PLASTIC LIMITS	ASTM D4318	1 / 1000 CY				
			ALL	PERCENT WEAR (LA ABRASION)	ASTM C131	1 / 1000 CY				
			ALL	RESISTANCE (R-VALUE)	ASTM D2844	1 / PROJECT				
			ALL	FRACTURED FACES	NDOT T230	1 / 1000 CY				
			ALL	SAND EQUIVALENT	ASTM D2419	1 / 1000 CY				
	704	AGGREGATE BASE FOR PC TREATED BASE		SOURCE SUBMITTAL			YES	W/TESTS		
704.03.08		AGGREGATE BASE FOR PC TREATED BASE	ALL	SIEVE ANALYSIS	ASTM C136, C117	1 / 1000 CY				
			ALL	PERCENT WEAR (LA ABRASION)	ASTM C131	1 / PROJECT				
<b>705</b>		<b>AGGREGATES FOR BITUMINOUS COURSES</b>								
705.03.01		PLANTMIX AND ROADMIX BIT. BASE AND SURF.	ALL	SIEVE ANALYSIS	AASHTO T27	1 / 750 CY				
			ALL	PLASTIC LIMITS	ASTM D4318	1 / 750 CY				
			ALL	FRACTURED FACES	NDOT T230	1 / 750 CY				
			ALL	PERCENT WEAR (LA ABRASION)	ASTM C131	1 / PROJECT				
			ALL	SAND EQUIVALENT	ASTM D2419	1 / 1000 CY				
705.03.03		PLANTMIX BIT. OPEN-GRADED SURFACE AGG.	ALL	SIEVE ANALYSIS	AASHTO T27	1 / 750 CY				
			ALL	PLASTIC LIMITS	ASTM D4318	1 / 750 CY				
			ALL	FRACTURED FACES	NDOT T230	1 / 750 CY				
			ALL	PERCENT WEAR (LA ABRASION)	ASTM C131	1 / PROJECT				
			ALL	SAND EQUIVALENT	ASTM D2419	1 / 1000 CY				
705.03.04		COMMERCIAL MINERIAL FILLER	ALL	MINERIAL FILLER	ASTM C977, C1097	1 / LOT				
705.03.05		SCREENINGS	ALL	SIEVE ANALYSIS	AASHTO T27	1 / 750 CY				
			ALL	PLASTIC LIMITS	ASTM D4318	1 / 750 CY				
			ALL	FRACTURED FACES	NDOT T230	1 / 750 CY				
			ALL	PERCENT WEAR (LA ABRASION)	ASTM C131	1 / PROJECT				
			ALL	SAND EQUIVALENT	ASTM D2419	1 / 1000 CY				
705.03.06		SAND BLOTTER	ALL	SIEVE ANALYSIS	AASHTO T27	1 / 750 CY				
			ALL	ORGANIC IMPURITIES	ASTM C40	1 / 750 CY				
			ALL	SAND EQUIVALENT	ASTM D2419	1 / 1000 CY				
<b>706</b>		<b>AGGREGATES FOR PORTLAND CEMENT PRODUCTS</b>								
706.02.01		GENERAL	ALL	MIX DESIGN	RTC	1 / TYPE	YES			
706.03.01		COARSE AGGREGATE	ALL	SIEVE ANALYSIS	AASHTO T27	1 / 500 CY				
			ALL	FRACTURED FACES	NDOT T230	1 / 500 CY				

CONTRACTOR -

PROJECT INFORMATION

BID NUMBER -

SPEC. NUMBER	SUB SECTION	ITEM DESCRIPTION	MATERIAL	TEST OR SUBMITTAL	REFERENCE SPECIFICATIONS AND TEST PROCEDURES	FREQUENCY	SUBMITTALS			EST. # TESTS
							CERT	PROCED.	OTHER	
			ALL	PERCENT WEAR (LA ABRASION)	ASTM C131 - 100 REV'S	1 / PROJECT				
			ALL	PERCENT WEAR (LA ABRASION)	ASTM C131 - 500 REV'S	1 / PROJECT				
			ALL	SOUNDNESS (SODIUM SULFATE)	AASHTO T104	1 / PROJECT				
			ALL	CLAY LUMPS	AASHTO T112	1 / PROJECT				
			ALL	FLAT AND ELONGATED PIECES	AS SPECIFIED IN Special Provisions	1 / PROJECT				
			ALL	CLEANNES VALUE	CALTRANS TEST # 227	1 / 1000 CY				
706.03.02		LIGHTWEIGHT AGGREGATE	ALL	SIEVE ANALYSIS	AASHTO T27	1 / 500 CY				
			ALL	UNIT WEIGHT	ASTM C29	1 / 500 CY				
			ALL	ORGANIC IMPURITIES	ASTM C40	1 / 500 CY				
			ALL	CLAY LUMPS	AASHTO T112	1 / PROJECT				
			ALL	TESTS FOR STAINING MATERIALS	ASTM D330	1 / PROJECT				
			ALL	MORTAR MAKING PROPERTIES	ASTM C87	1 / PROJECT	YES	W/TESTS		
			ALL	CLEANNES VALUE	CALTRANS TEST # 227	1 / 1000 CY				
706.03.03		FINE AGGREGATE	ALL	SIEVE ANALYSIS	AASHTO T27	1 / 500 CY				
			ALL	ORGANIC IMPURITIES	ASTM C40	1 / 500 CY				
			ALL	LIGHTWEIGHT PIECES	AASHTO T113	1 / 500 CY				
			ALL	SOUNDNESS (SODIUM SULFATE)	AASHTO T104	1 / PROJECT				
			ALL	CLAY LUMPS	AASHTO T112	1 / PROJECT				
			ALL	MORTAR MAKING PROPERTIES	ASTM C87	1 / PROJECT	YES	W/TESTS		
			ALL	SAND EQUIVALENT	ASTM D2419	1 / 1000 CY				
706.03.04		GROUT AND MORTAR SAND	ALL	SIEVE ANALYSIS	AASHTO T27	1 / 500 CY				
			ALL	ORGANIC IMPURITIES	ASTM C40	1 / 500 CY				
			ALL	MORTAR MAKING PROPERTIES	ASTM C87	1 / PROJECT	YES	W/TESTS		
			ALL	SAND EQUIVALENT	ASTM D2419	1 / 1000 CY				
706.03.05		STONE FOR MASONRY AND RIPRAP	ALL	PERCENT WEAR	ASTM C131	1 / SOURCE				
			ALL	BULK SPECIFIC GRAVITY	ASTM C127	1 / SOURCE				
<b>707</b>		<b>JOINT MATERIAL</b>								
707.03.01		JOINT FILLERS	ALL	JOINT FILLERS	AASHTO M213, ASTM D1751	1 / LOT	YES	W/TESTS		
707.03.02		RUBBER GASKETS	ALL	RUBBER GASKETS	AASHTO M198	1 / LOT	YES	W/TESTS		
707.03.03		WATERSTOPS	NATURAL	TENSION OF VUL. RUBBER	ASTM D412	1 / LOT	YES	W/TESTS		
			NATURAL	ACCEL. AGING VUL. RUBBER	ASTM D572	1 / LOT	YES	W/TESTS		
			NATURAL	INDENTATION OF RUBBER	ASTM D2240	1 / LOT	YES	W/TESTS		
			SYNTHETIC	TENSION OF VUL. RUBBER	ASTM D412	1 / LOT	YES	W/TESTS		
			SYNTHETIC	ACCEL. AGING VUL. RUBBER	ASTM D572	1 / LOT	YES	W/TESTS		
			SYNTHETIC	INDENTATION OF RUBBER	ASTM D2240	1 / LOT	YES	W/TESTS		
			POLYVINYL	POLYVINYL CHLORIDE WATERSTOPS	CORP CRD-C572	1 / LOT	YES	W/TESTS		
707.03.04		PORTABLE JOINT SEALER	ALL	SEALANT	CALTRANS 701.56.39	1 / LOT	YES	W/TESTS		
707.03.05		ASPHALT PLANK	ALL	PLAIN ASPHALT PLANK	ASTM D517	1 / LOT	YES	W/TESTS		
707.03.06		PREFORMED ELASTIC JOINT SEALER	ALL	PREFORMED ELASTIC JOINT SEALER	AASHTO M220	1 / LOT	YES	W/TESTS		
<b>708</b>		<b>CONCRETE AND CLAY PIPE AND DRAINS</b>								
708.03.01		REINFORCED CONCRETE PIPE	ROUND	REINFORCED CONCRETE PIPE	ASTM C76, OR C655	1 / LOT	YES	W/TESTS		
			ELLIPTICAL	REINFORCED CONCRETE PIPE	ASTM C507, OR C655	1 / LOT	YES	W/TESTS		
708.03.02		NON-REINFORCED CONCRETE PIPE	ALL	NON-REINFORCED CONCRETE PIPE	ASTM C14, AST	1 / LOT	YES	W/TESTS		
708.03.03		PERFORATED CONCRETE PIPE	ALL	PERFORATED CONCRETE PIPE	AASHTO M175, ASTM C444	1 / LOT	YES	W/TESTS		
708.03.04		CLAY PIPE	ALL	CLAY PIPE	AASHTO M65	1 / LOT	YES	W/TESTS		
708.03.05		ABS COMPOSITE PIPE	ALL	ABS PIPE	ASTM D2680	1 / LOT	YES	W/TESTS		
708.03.07		ASBESTOS CEMENT PRESSURE PIPE	ALL	ASBESTOS CEMENT PRESSURE PIPE	ASTM C296	1 / LOT	YES	W/TESTS		
708.03.08		ASBESTOS CEMENT PIPE	ALL	ASBESTOS CEMENT PIPE	ASTM C428	1 / LOT	YES	W/TESTS		
708.03.09		REINFORCED CONCRETE PRESSURE PIPE	ALL	REINF. CONC. PRESSURE PIPE	AWWA C300, C301, C302	1 / LOT	YES	W/TESTS		
<b>709</b>		<b>METAL AND THERMOPLASTIC PIPE</b>								
709.03.01		CORRUGATED METAL PIPE AND PIPE ARCHES	ALL	CORR. METAL PIPE AND ARCHES	AASHTO M36, M196	1 / LOT	YES	W/TESTS		
			S & A	Ph AND eLEC. RESISTANCY	CALTRANS TEST 643	1 / LOT	YES	W/TESTS		
709.03.02		BITUMINOUS COATED CORR. METAL PIPE AND	ALL	BIT. COATED CORR. METAL PIPE AND ARCHES	AASHTO M36, M190	1 / LOT	YES	W/TESTS		
709.03.03		ALUMINIZED TYPE 2 COATED CORR. STEEL PIPE	ALL	ALUMINIZED TYPE 2 COATED CORR. STEEL PIPE	AASHTO M36, M274	1 / LOT	YES	W/TESTS		
			S & A	Ph AND eLEC. RESISTANCY	CALTRANS TEST 643	1 / LOT	YES	W/TESTS		
709.03.04		CONCRETE LINED CORR. STEEL PIPE	ALL	CONCRETE LINED CORR. STEEL PIPE	RTC 709.03.03 ASTM A849	1 / LOT	YES	W/TESTS		
			PCC	PCC	RTC 701	1 / LOT	YES	W/TESTS		
709.03.05		CORR. ALUMINUM PIPE	ALL	CORR. ALUMINUM PIPE	AASHTO M196	1 / LOT	YES	W/TESTS		
709.03.06		CORR. METAL PIPES FOR DOWNDRAINS	ALL	CORR. METAL PIPES FOR DOWNDRAINS	AASHTO M36, M190, ASTM A525	1 / LOT	YES	W/TESTS		
			ANCHORS	ANCHORS AND ASSEMBLIES	ASTM A153, A123	1 / LOT	YES	W/TESTS		
709.03.07		CORR. METAL PIPE FOR UNDERDRAINS	ALL	CORR. METAL PIPE FOR UNDERDRAINS	AASHTO M36	1 / LOT	YES	W/TESTS		
710.03.07		BIT. COATED CORR. METAL PIPE FOR UNDERDRAINS	ALL	BIT. COATED CORR. METAL PIPE FOR UNDERDRAINS	AASHTO M36, M190	1 / LOT	YES	W/TESTS		
709.03.09		THERMOPLASTIC, PLASTIC PIPE CULVERTS AND DRAINS								
		A) CORR. POLYETHYLENE PIPE, TYPE C	ALL	CORR. POLYETHYLENE PIPE, TYPE C	AASHTO M294	1 / LOT	YES	W/TESTS		
		B) CORR. POLYETHYLENE PIPE, TYPE S	ALL	CORR. POLYETHYLENE PIPE, TYPE S	AASHTO M294, MP6-95	1 / LOT	YES	W/TESTS		
		C) CORR. POLYETHYLENE PIPE, TYPE D	ALL	CORR. POLYETHYLENE PIPE, TYPE D	AASHTO MP6-95	1 / LOT	YES	W/TESTS		
		D) RIBBED WALL OR SPIRAL POLYETHYLENE PIPE	ALL	RIB WALL OR SPIRAL POLYETHYLENE PIPE	ASTM D1694	1 / LOT	YES	W/TESTS		
<b>CONTRACTOR -</b>					<b>PROJECT INFORMATION</b>		<b>YES</b>	<b>W/TESTS</b>		

SPEC. NUMBER	SUB SECTION	ITEM DESCRIPTION	MATERIAL	TEST OR SUBMITTAL	REFERENCE SPECIFICATIONS AND TEST PROCEDURES	FREQUENCY	SUBMITTALS			EST. # TESTS
							CERT	PROCED.	OTHER	
		E) RIBBED WALL OR SPIRAL POLYVINYL CHLOR	ALL	RIB WALL OR SPIRAL PVC PIPE	AASHTO M304	1 / LOT	YES	W/TESTS		
		F) SOLID WALL POLYVINYL CHLORIDE PIPE	ALL	SOLID WALL PVC PIPE	ASTM D3034, AASHTO M278	1 / LOT	YES	W/TESTS		
		G) SPECIAL FITTINGS	HDPE	HDPE FITTINGS	ASTM D3350	1 / LOT	YES	W/TESTS		
			PVC	PVC FITTINGS	ASTM D1784	1 / LOT	YES	W/TESTS		
	709.03.10	CORR. POLYETHYLENE PIPE - PERFORATED DC	ALL	CORR. POLYETHYLENE PIPE	AASHTO M252, M294	1 / LOT	YES	W/TESTS		
	709.03.11	STRUC. PLATE PIPE AND ARCHES	ALL	STRUC. PLATE PIPE AND ARCHES	AASHTO M167	1 / LOT	YES	W/TESTS		
	709.03.12	CAST IRON PIPE	ALL	CAST IRON PIPE	ASTM 74, AWWA 106, 108	1 / LOT	YES	W/TESTS		
	709.03.13	STEEL WATER PIPE	ALL	STEEL WATER PIPE	AWWA C201, C202	1 / LOT	YES	W/TESTS		
<b>710</b>		<b>STRUCTURAL AND EYEBAR STEEL</b>								
	710.02.02	CHARPY V-NOTCH TEST	ALL	CHARPY V-NOTCH TEST	AASHTO	1 / LOT	YES	W/TESTS		
	710.03.01	STANDARD STEEL	ALL	STANDARD STEEL	AASHTO M183	1 / LOT	YES	W/TESTS		
	710.03.02	MANGANESE VANADIUM STEEL	ALL	MANGANESE VANADIUM STEEL	ASTM A441	1 / LOT	YES	W/TESTS		
	710.03.03	HIGH TENSILE STRENGTH BOLTS	ALL	HIGH TENSILE STRENGTH BOLTS	ASTM A325	1 / LOT	YES	W/TESTS		
	710.03.04	STAINLESS STEEL BOLTS	ALL	STAINLESS STEEL BOLTS	ASTM A726	1 / LOT	YES	W/TESTS		
	710.03.05	WELDED SEAMLESS STEEL PIPE	ALL	WELDED SEAMLESS STEEL PIPE	ASTM A53	1 / LOT	YES	W/TESTS		
	710.03.06	SEAMLESS CARBON STEEL STRUCTURAL TUBING	ALL	SEAMLESS CARBON STEEL STRUCTURAL TUBING	ASTM A500 (B)	1 / LOT	YES	W/TESTS		
	710.03.07	SHEAR CONNECTOR STUDS	ALL	SHEAR CONNECTOR STUDS	ASTM A108, A109	1 / LOT	YES	W/TESTS		
	710.03.08	PINS AND ROLLERS	ALL	PINS AND ROLLERS	ASTM A235	1 / LOT	YES	W/TESTS		
<b>711</b>		<b>ALUMINUM FOR BRIDGE RAIL</b>								
	711.03.01	ALUMINUM ALLOY FOR PIPE	ALL	ALUMINUM ALLOY FOR PIPE	ASTM B241	1 / LOT	YES	W/TESTS		
	711.03.02	ALUMINUM ALLOY FOR TUBING	ALL	ALUMINUM ALLOY FOR TUBING	ASTM B221	1 / LOT	YES	W/TESTS		
	711.03.03	CAST ALUMINUM ALLOY	ALL	CAST ALUMINUM ALLOY	AASHTO M193	1 / LOT	YES	W/TESTS		
	711.03.04	ALUMINUM ALLOY SHIMS	ALL	ALUMINUM ALLOY SHIMS	ASTM B209	1 / LOT	YES	W/TESTS		
<b>712</b>		<b>MISCELLANEOUS METAL</b>								
	712.03.01	STEEL CASTINGS	ALL	STEEL CASTINGS	ASTM A27	1 / LOT	YES	W/TESTS		
	712.03.02	GRAY IRON CASTINGS	ALL	GRAY IRON CASTINGS	ASTM A48	1 / LOT	YES	W/TESTS		
	712.03.03	MALLEABLE CASTINGS	ALL	MALLEABLE CASTINGS	ASTM A47	1 / LOT	YES	W/TESTS		
	712.03.04	WROUGHT IRON PLATES	ALL	WROUGHT IRON PLATES	ASTM A42	1 / LOT	YES	W/TESTS		
	712.03.05	BRONZE CASTINGS	ALL	BRONZE CASTINGS	ASTM B22	1 / LOT	YES	W/TESTS		
	712.03.06	WELDING MATERIALS	ALL	WELDING MATERIALS	AWS, AASHTO	1 / LOT	YES	W/TESTS		
	712.03.07	STEEL PIPES	ALL	STEEL PIPES	ASTM A36	1 / LOT	YES	W/TESTS		
	712.03.08	STEEL SHELL FOR PILES	ALL	STEEL SHELL FOR PILES	ASTM A252	1 / LOT	YES	W/TESTS		
<b>713</b>		<b>REINFORCEMENT</b>								
	713.03.01	BAR STEEL REINFORCEMENT	ALL	DEFORMED BARS BILLIET-STEEL REINFORCEMENT	ASTM A615	2 / LOT / SIZE				
			ALL	AXLE-STEEL DEFORMED BARS REINFORCEMENT	ASTM A617	2 / LOT / SIZE				
			ALL	SPIRAL REINFORCEMENT	ASTM A615	2 / LOT / SIZE				
	703.03.02	FABRICATED STEEL BAR AND ROD MATS	ALL	FABRICATED STEEL BAR AND ROD MATS	ASTM A184	2 / LOT / SIZE	YES	W/TESTS		
	703.03.03	WELDED STEEL WIRE FABRIC	ALL	WELDED STEEL WIRE FABRIC	ASTM A185	2 / LOT / SIZE	YES	W/TESTS		
	703.03.04	PRESTRESSING STEEL	ALL	STEEL WIRE	ASTM A421	2 / LOT / SIZE	YES	W/TESTS		
			ALL	SEVEN-STRAND WIRE	ASTM A416	2 / LOT / SIZE	YES	W/TESTS		
	703.03.05	COLD -DRAWN STEEL WIRE FOR SPIRALS	ALL	COLD -DRAWN STEEL WIRE FOR SPIRALS	ASTM A82	2 / LOT / SIZE	YES	W/TESTS		
<b>714</b>		<b>PAINT AND PAVEMENT MARKERS</b>								
	714.03.01	IRON AND STEEL USE ITEMS								
		A) PRE-TREATMENT, ORGANIC VEHICLE TYPE	ALL	PAINT	CALTRANS 8010-61J-36	1 / LOT	YES			
		B) PRE-TREATMENT, VINYL WASH PRIMER	ALL	PAINT	CALTRANS 8010-61J-27	1 / LOT	YES			
		C) VINYL PRIMER, RED IRON OXIDE TYPE	ALL	PAINT	CALTRANS 8010-61J-23	1 / LOT	YES			
		D) ALUMINUM VEHICLE	ALL	PAINT	CALTRANS 8010-91B-75	1 / LOT	YES			
		E) ALUMINUM PAINT, ALUMINUM FINISH COAT	ALL	PAINT	CALTRANS 8010-61J-45	1 / LOT	YES			
		F) VINYL PAINT, ALUMINUM FINISH COAT	ALL	PAINT	CALTRANS 8010-61J-25	1 / LOT	YES			
		G) BURNT UMBER TINT FINISH SOAT	ALL	PAINT	CALTRANS 8010-61J-41	1 / LOT	YES			
		H) BURNT SIENNA FINISH COAT	ALL	PAINT	CALTRANS 8010-61J-53	1 / LOT	YES			
		I) GREEN FINISH COAT	ALL	PAINT	CALTRANS 8010-61J-47	1 / LOT	YES			
		J) VINYL GREEN FINISH COAT	ALL	PAINT	CALTRANS 8010-61J-40	1 / LOT	YES			
		K) VINYL IRIDESCENT GREEN FINISH COAT	ALL	PAINT	CALTRANS 8010-91B-43	1 / LOT	YES			
		L) TAN FINISH COAT	ALL	PAINT	CALTRANS 8010-61J-51	1 / LOT	YES			
		M) WHITE TINT BASE FINISH VINYL COAT	ALL	PAINT	CALTRANS 8010-71C-35	1 / LOT	YES			
		N) ENAMEL; EXTERIOR WHITE, METAL	ALL	PAINT	CALTRANS 8010-61J-09	1 / LOT	YES			
		O) ENAMEL; TRAFFIC SIGNAL, LUSTERLESS, BL	ALL	PAINT	CALTRANS 8010-61J-13	1 / LOT	YES			
		P) ENAMEL; TRAFFIC SIGNAL, DARK OLIVE GRE	ALL	PAINT	CALTRANS 8010-41B-A	1 / LOT	YES			
		Q) ENAMEL; TRAFFIC SIGNAL, YELLOW	ALL	PAINT	FED SPEC 595A	1 / LOT	YES			
		R) ENAMEL; TRAFFIC SIGNAL, SILVER	ALL	PAINT	FED SPEC 595A	1 / LOT	YES			
	714.03.02	TIMBER USE ITEMS								
		A) WOOD PRIMER LATEX BASE	ALL	PAINT	FED SPEC TT-P001984	1 / LOT	YES			
		B) PAINT, LATEX BASE FOR EXTERIOR, WHITE A	ALL	PAINT	FED SPEC TT-P96D	1 / LOT	YES			
		C) ENAMEL; SIGN POST, BLACK	ALL	PAINT	CALTRANS 8010-61J-08	1 / LOT	YES			

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							CERT	PROCED.	OTHER	
	714.03.04	ALUMINUM USE ITEMS	ALL	PAINT	RTC 714.030.01(b)	1 / LOT				
	714.03.05	PAINT FOR TRAFFIC STRIPING, AND MARKING								
		A) ABRASIVE RESISTANCE	ALL	ALL TYPES	FED TEST #141 METHOD 6192	1 / LOT	YES			
		C) FLEXIBILITY	ALL	ALL TYPES	FED TEST #141 METHOD 2021.1	1 / LOT	YES			
	714.03.06	THERMOPLASTIC PAINT AND PAVEMENT MARKERS								
		A) THERMOPLASTIC PAINT	ALL	PAINT	CALTRANS 8010-71K-19	1 / LOT	YES			
		B) TYPE I FILM	ALL	TYPE I FILM - COLOR	ASTM E1349, E308	1 / LOT	YES			
			ALL	TYPE I FILM - REFLECTANCE	ASTM D4061	1 / LOT	YES			
			ALL	TYPE I FILM - SKID RESISTANCE	ASTM E303	1 / LOT	YES			
			ALL	TYPE I FILM - TENSILE STRENGTH	ASTM D638-76	1 / LOT	YES			
		C) TYPE II FILM	ALL	TYPE II FILM - REFLECTANCE	ASTM D4061	1 / LOT	YES			
			ALL	TYPE II FILM - SKID RESISTANCE	ASTM E303	1 / LOT	YES			
			ALL	TYPE II FILM - TENSILE STRENGTH	ASTM D638-76	1 / LOT	YES			
	714.03.09	REFLECTIVE MATERIALS	GLASS BEADS	GLASS BEADS	FED SPEC TT-B-1325B	1 / LOT	YES			
<b>715</b>		<b>GALVANIZING</b>								
	715.03.01	PRODUCTS ONE-EIGHTH INCH THICK +	ALL	PRODUCTS ONE-EIGHTH INCH THICK +	ASTM A123	1 / APPLICATION	YES			
	715.03.02	GAURDRAIL ELEMENTS	ALL	GAURDRAIL ELEMENTS	AASHTO M180	1 / APPLICATION	YES			
	715.03.03	HARDWARE	ALL	HARDWARE	ASTM A153	1 / APPLICATION	YES			
<b>716</b>		<b>SIGN MATERIALS</b>								
	716.02.01	GENERAL	PCC	PCC	RTC 501					
			REBAR	REINFORCING STEEL	RTC 505					
	716.03.01	REFLECTIVE SHEETING								
		CLASS 1 - NON-REFLECTIVE PLASTIC FILM	ALL	CLASS 1	MIL-M-43719B	1 / SOURCE	YES			
		CLASS 2 - ENCLOSED LENS RETRO SHEETING (I)	ALL	CLASS 2	USDOT FHWA SPEC FP-96 SEC 718 TYPE I	1 / SOURCE	YES			
		CLASS 3 - ENCLOSED LENS RETRO SHEETING (II)	ALL	CLASS 3	USDOT FHWA SPEC FP-96 SEC 718 TYPE II	1 / SOURCE	YES			
		CLASS 4 - ENCAP. LENS RETRO SHEETING (HIGH)	ALL	CLASS 4	USDOT FHWA SPEC FP-96 SEC 718 TYPE III	1 / SOURCE	YES			
		CLASS 5 - WIDE ANGLE PRISM - DIAMOND GRAD	ALL	CLASS 5	ASTM E810	1 / SOURCE	YES			
		CLASS 6 - WIDE ANGLE PRISM - DIAMOND (VIP)	ALL	CLASS 6	ASTM E810	1 / SOURCE	YES			
	716.03.03	ALUMINUM SIGN PANELS	ALL	ALUMINUM SHEETING	ASTM B209	1 / SOURCE	YES			
	716.03.05	OVERHEAD SIGN STRUCTURES AND SIGN FRAMES								
		1) SIGN FRAMES	ALL	SIGN FRAMES	ASTM A36	1 / SOURCE	YES			
		2) SIGN PIPE POSTS	ALL	SIGN PIPE POSTS	ASTM A53, A373 OPTION (A36,A283)	1 / SOURCE	YES			
		4) BOLTS AND NUTS	ALL	BOLTS AND BILTED CONNECTIONS	RTC 506.03.10 ASTM A307	1 / SOURCE	YES			
		5) WELDING	ALL	WELDING	RTC 506.03.20	1 / SOURCE	YES			
		6) ANCHOR BOLTS	ALL	ANCHOR BOLTS	ASTM A153, A165	1 / SOURCE	YES			
	716.03.06	SIGN HARDWARE, POST, AND RELATED MATER	ALL	HARDWARE	ASTM A36, A120, A123, A153, A165	1 / SOURCE	YES			
<b>717</b>		<b>TIMBER PILES</b>								
	717.03.01	GENERAL	ALL	TIMBERS	ASTM D25	1 / SOURCE	YES			
<b>718</b>		<b>TIMBER</b>								
	718.03.02	GRADES	ALL	TIMBERS	AASHTO M168	1 / SOURCE	YES			
<b>719</b>		<b>TIMBER PRESERVATIVES</b>								
	719.03.01	PRESERVATIVES	ALL	PRESERVATIVES	AASHTO M133	1 / SOURCE	YES			
<b>720</b>		<b>GAURDRAIL MATERIALS</b>								
	720.03.01	RAIL MEMBERS	ALL	CORR SHEET STEEL BEAMS	AASHTO M 180-74	1 / SOURCE	YES			
	720.03.02	FITTINGS	ALL	FITTINGS	RTC 715					
	720.03.03	REFLECTOR PLATES	ALL	REFLECTOR PLATES	RTC 721.03.03					
	720.03.04	CABLE END ANCHOR ASSEMBLIES	ALL	ANCHOR PLATE	ASTM A36	1 / SOURCE	YES			
			ALL	ANCHOR ROD	ASTM 575, A576	1 / SOURCE	YES			
			ALL	BOLTS AND NUTS	ASTM A307	1 / SOURCE	YES			
			ALL	SWAGED FITTINGS	AISI C-1035	1 / SOURCE	YES			
<b>721</b>		<b>OBJECT MARKERS AND GUIDE POSTS</b>								
	721.03.01	METAL POSTS	ALL	POSTS	ASTM A570	1 / SOURCE	YES			
	721.03.02	TARGET PLATES	ALL	POSTS - GALVANIZING	RTC 715					
		ZINC-COATED STEEL	ALL	ZINC-COATED STEEL	FED SPEC QQ-S-775	1 / SOURCE	YES			
		COATED ALUMINUM	ALL	COATED ALUMINUM	FED SPEC MIL-C-5541	1 / SOURCE	YES			
		PAINT	ALL	PAINT	FED SPEC TT-E-489	1 / SOURCE	YES			
	721.03.03	REFLECTORS								
		PHOTOMETRIC REQUIREMENTS	ALL	REFLECTOS	SOC AUTO ENGINEERS AND FED SPEC MIL	1 / SOURCE	YES			
<b>722</b>		<b>WATER</b>								
	CONTRACTOR -	CONCRETE USE	ALL	TEST FOR QUALITY OF WATER	SECTION 26	1 / SOURCE	YES			

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							CERT	PROCED.	OTHER	
<b>723</b>		<b>HARDWARE</b>								
	723.03.01	GALVANIZING	ALL	GALVANIZING	ASTM A153	1 / SOURCE	YES			
	723.03.02	BOLTS, NUTS, DOWELS, AND DRIFT BOLTS	ALL	SPEC FOR STEEL MACHINE BOLTS AND NUTS AND TAP	ASTM A307	1 / SOURCE	YES			
<b>724</b>		<b>FENCE MATERIALS</b>								
	724.03.01	WOOD POSTS	ALL	TIMBER	RTC 718					
	724.03.02	METAL POSTS	ALL	METAL POSTS	ASTM F1083, OPTION AASHTO M181	1 / SOURCE	YES			
		C-SECTION METAL POSTS	ALL	METAL POSTS	ASTM A570, OPTION AASHTO M181	1 / SOURCE	YES			
		T-SECTION METAL POSTS	ALL	METAL POSTS	ASTM A238, A663, OR A675 AND A702	1 / SOURCE	YES			
		GALVANIZING	ALL	METAL POSTS	ASTM A780	1 / SOURCE	YES			
		SALT SPRAY TESTING	ALL	METAL POSTS	ASTM B117	1 / SOURCE	YES			
	724.03.03	BARBED WIRE	ALL	STEEL BARBED WIRE	ASTM A121	1 / SOURCE	YES			
			ALL	ALUMINUM BARBED WIRE	ASTM B211	1 / SOURCE	YES			
	724.03.04	WOVEN WIRE	ALL	WOVEN WIRE	ASTM A116	1 / SOURCE	YES			
	724.03.05	CHAIN-LINK FABRIC	ALL	CHAIN-LINK FABRIC	AASHTO M181	1 / SOURCE	YES			
	724.03.07	METAL GATES	ALL	GATES	ASTM A53, OR AASHTO M181	1 / SOURCE	YES			
<b>725</b>		<b>ELASTOMERIC BEARING PADS</b>								
	725.03.01	GENERAL	ALL	DUROMETER	ASTM	1 / SOURCE	YES W/TESTS			
			ALL	HARDNESS	ASTM D2240	1 / SOURCE	YES W/TESTS			
			ALL	TENSILE STRENGTH	ASTM D412	1 / SOURCE	YES W/TESTS			
			ALL	HEAT RESISTANCE	ASTM D573	1 / SOURCE	YES W/TESTS			
			ALL	COMPRESSION SET	ASTM D395 - B	1 / SOURCE	YES W/TESTS			
			ALL	OZONE	ASTM D1149	1 / SOURCE	YES W/TESTS			
			ALL	ADHESION	ASTM D429 - B	1 / SOURCE	YES W/TESTS			
<b>726</b>		<b>ROADSIDE MATERIALS</b>								
	726.03.01	PLANTING SOIL	ALL	ORGANIC MATTER		1 / SOURCE	YES			
			ALL	PARTICLE SIZE		1 / SOURCE	YES			
			ALL	CLAY CONTENT		1 / SOURCE	YES			
			ALL	pH FACTOR		1 / SOURCE	YES			
			ALL	ELECTRICAL CONDUCTIVITY		1 / SOURCE	YES			
	726.03.02	FERTILIZER	ALL	FERTILIZER		1 / SOURCE	YES			
	726.03.03	ORGANIC MATERIAL	ALL	MOISTURE RETENTION CAPACITY		1 / SOURCE	YES			
			ALL	ORGANIC MATTER		1 / SOURCE	YES			
			ALL	MINERAL MATTER		1 / SOURCE	YES			
			ALL	SILICA		1 / SOURCE	YES			
			ALL	NITROGEN		1 / SOURCE	YES			
			ALL	pH VALUE		1 / SOURCE	YES			
			ALL	DOUGLAS FIR CONTENT		1 / SOURCE	YES			
	726.03.04	MULCH	ALL	MOISTURE CONTENT		1 / SOURCE	YES			
			ALL	ORGANIC MATTER		1 / SOURCE	YES			
			ALL	ASH CONTENT		1 / SOURCE	YES			
			ALL	WATER HOLDING CAPACITY		1 / SOURCE	YES			
	726.03.06	PLANTS	ALL	PLANTS	ASA SPEC Z60.1	1 / SOURCE	YES			
	726.03.07	SEEDS	ALL	SEEDS	As Specified in the Special Provisions	1 / SOURCE	YES			
	726.03.09	PIPE AND FITTINGS	ALL	ASBESTOS PIPE	AWWQA C400-64T	1 / SOURCE	YES			
			ALL	PVC PIPE	ASTM D2287	1 / SOURCE	YES			
	726.03.11	GATE VALVES	ALL	GATE VALVES	ASTM B62	1 / SOURCE	YES			
	726.03.12	QUICK COPPER VALVES	ALL	GATE VALVES	ASTM B584	1 / SOURCE	YES			
	726.03.13	MASONRY	CMU	LOAD BEARING CMU	ASTM C90	1 / SOURCE	YES			
			CMU	NON-LOAD BEARING CMU	ASTM C129	1 / SOURCE	YES			
<b>727</b>		<b>CONCRETE SURFACE FINISHING MATERIAL</b>								
	727.02.01	REQUIREMENTS	ALL	VISCOSITY	FED STD #4281	1 / SOURCE	YES			
			ALL	TOTAL SOLIDS	FED STD #4042	1 / SOURCE	YES			
			ALL	FLEXIBILITY	FED STD #6221	1 / SOURCE	YES			
			ALL	WATER RESISTANCE	ASTM D1647	1 / SOURCE	YES			
			ALL	WEATHEROMETER DURABILITY	FED STD #6152	1 / SOURCE	YES			
<b>728</b>		<b>EPOXY</b>								
	728.02.01	SAMPLING AND TESTING	ALL	EPOXY	ASTM, FED STD #141	1 / SOURCE	YES W/TESTS			
	728.03.01	BINDER (ADHESIVE), EPOXY RESIN BASE	ALL	BINDER EPOXY RESIN BASE	CALTRANS SPEC 741-80-28	1 / SOURCE	YES W/TESTS			
	728.03.02	COAL TAR MODIFYING EPOXY RESIN	ALL	COAL TAR MODIFYING EPOXY RESIN	CALTRANS SPEC 701-80-35	1 / SOURCE	YES W/TESTS			
	728.03.03	EPOXY RESIN ADHESIVE FOR BONDING NEW TO	ALL	CONCRETE EPOXY	CALTRANS SPEC 741-80-43	1 / SOURCE	YES W/TESTS			
	728.03.06	BINDER , EPOXY RESIN BASE, ALKYBENZENE EXTENDED	ALL	BINDER , EPOXY RESIN BASE, ALKYBENZENE EXTENDED	CALTRANS SPEC 741-80-46	1 / SOURCE	YES W/TESTS			
	728.03.07	BINDER , EPOXY RESIN BASE, FAST SETTING	ALL	BINDER , EPOXY RESIN BASE, FAST SETTING	CALTRANS SPEC 741-80-47	1 / SOURCE	YES W/TESTS			
	728.03.08	BINDER , EPOXY RESIN BASE, FAST SETTING, ALKYBEN	ALL	BINDER , EPOXY RESIN BASE, FAST SETTING, ALKYBEN	CALTRANS SPEC 741-80-48	1 / SOURCE	YES W/TESTS			
	728.03.08	BINDER , EPOXY SEALANT FOR INDUCTIVE LOOPS	ALL	EPOXY SEALANT FOR INDUCTIVE LOOPS	CALTRANS SPEC 741-80-36	1 / SOURCE	YES W/TESTS			

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							CERT	PROCED.	OTHER	
729		<b>FLY ASH</b>								
	729..2.01	REQUIREMENTS	ALL	FLY ASH	ASTM C618 & C311	1 / SOURCE	YES			

**LEGEND:**

**MATERIALS**

- S & A = SOILS AND AGGREGATES
- BPM = BITUMINOUS PLANT MIX
- PCC = PORTLAND CEMENT CONCRETE
- PCCP = PORTLAND CEMENT CONCRETE PAVEME
- LPCC = LIGHTWEIGHT PORTLAND CEMENT CONC
- AGG = AGGREGATE
- CTB = CEMENT TREATED BASE
- LTB = LIME TREATED BASE
- MF = LIME FILLER
- BM = BITUMINOUS MATERIALS
- AC - MC - SS = OIL & EMULSION TYPES
- RA = RECYCLING AGENT

**FREQUENCY**

- CY = CUBIC YARD
- SF = SQUARE FOOT
- LANE = INDIVIDUAL TRAVEL LANE

**SPECIFICATIONS**

- ASTM = AMERICAN SOCIETY OF TESTING METHODS
- NDOT = NEVADA DEPARTMENT OF TRANSPORTATION
- RTC = REGIONAL TRANSPORTATION COMMISSION
- CALTRANS = CALIFORNIA DEPARTMENT OF TRANSPORTATION
- AASHTO = AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
- ASPH. INST. = ASPHALT INSTITUTE
- ACI = AMERICAN CONCRETE INSTITUTE
- AWS = AMERICAN WELDING SOCIETY
- IMSA = INTERNATIONAL METEOROLOGICAL SOCIETY
- CORP = CORP OF ENGINEERS
- FED = FEDERAL GOVERNMENT

**NOTES**

- 1) ALL FREQUENCIES ARE A MINIMUM OF ONE PER DAY OF PRODUCTION
- 2) SUBMITTALS MARKED WITH YES REQUIRE CERTIFICATION SUBMITTAL
- 3) SUBMITTALS MARKED YES W/TESTS REQUIRE CERTIFICATION WITH SOURCE TEST RESULTS