

OPS No. T3694
 Design Services for Contract No. T300.489
 Interchange 18E Express E-ZPass and 16E Improvements
 Material Acceptance Criteria Matrix

Item Spec Number	Pay Item Description	Pay Unit	Standard Specification Description	Source	Testing	Division 900 - Conformance	Other Conformance	Shop Drawings	Mix Design	QC Plan	Mill Certifications	Certifications of Compliance	Receiving Tickets	Reviewer (CM or DE)
104-0001	CONSTRUCTION LAYOUT	L.S.	CONTROL OF WORK											CM
104-0002	MOBILIZATION	L.S.	CONTROL OF WORK											CM
107-0001	PROGRESS SCHEDULE	L.S.	PROSECUTION AND PROGRESS											CM
108-0001	FUEL PRICE ADJUSTMENT (NO-BID)	USD	PRICE ADJUSTMENT									x	x	CM
201-0002	CLEARING AND GRUBBING	L.S.	CLEARING AND GRUBBING			x						x	x	CM
202-0002	ROADWAY EXCAVATION, EARTH	C.Y.	ROADWAY EXCAVATION		x							x	x	CM
202-0006	REMOVAL OF CONCRETE PAVEMENT	S.Y.	ROADWAY EXCAVATION				x							CM
202-0009	ENVIRONMENTAL TESTING FOR UNSUITABLE AND EXCESS MATERIALS (NO-BID)	USD	MATERIAL TESTING		x			x		x		x		CM
203-0001	EMBANKMENT, COMMON	C.Y.	EMBANKMENT		x			x				x	x	CM
203-0002	EMBANKMENT, GRADE A	C.Y.	EMBANKMENT	x	x	x			x	x		x	x	CM
208-0008	HEAVY DUTY SILT FENCE	L.F.	TEMP SOIL EROSION & DUST CONTROL	x	x	x			x	x		x	x	CM
208-0022	INLET FILTER, TYPE 2	EACH	TEMP SOIL EROSION & DUST CONTROL	x		x		x					x	CM
208-N0001	CONCRETE WASHOUT FACILITY	EACH	TEMP SOIL EROSION & DUST CONTROL	x	x	x				x		x	x	CM
210-0001	DEMOLITION OF EXISTING STRUCTURES	L.S.	DEMOLITION OF EXISTING STRUCTURES					x						DE
211-0001	TEMPORARY ORANGE PLASTIC FENCE	L.F.	TEMP SOIL EROSION & DUST CONTROL	x		x							x	CM
301-0001	AGGREGATE BASE COURSE, 6.5IN THICK	S.Y.	AGGREGATE BASE COURSE	x	x	x							x	CM
302-0002	HOT MIX ASPHALT 12.5M76 SURFACE COURSE	TON	HMA PAVEMENTS	x	x	x		x	x			x	x	CM
302-0003	HOT MIX ASPHALT 19M64 INTERMEDIATE COURSE	TON	HMA PAVEMENTS	x	x	x		x	x			x	x	CM
302-0004	HOT MIX ASPHALT 25M64 BASE COURSE	TON	HMA PAVEMENTS	x	x	x		x	x			x	x	CM
302-0064	TACK COAT	GAL	HMA PAVEMENTS	x		x						x	x	CM
302-0063	ASPHALT PRICE ADJUSTMENT (NO-BID)	USD	HMA PAVEMENTS	x		x						x	x	CM
302-N0002	TEMPORARY SURFACING	TON	HMA PAVEMENTS	x	x	x		x	x			x	x	CM
303-0001	BERM SURFACING, 3 INCHES THICK	S.Y.	SHOULDER AND BERM SURFACING	x		x							x	CM
304-N0003	CONCRETE BASE COURSE, 10" THICK	S.Y.	PAVEMENT REMOVAL & SURFACING MILLING				x							CM
304-N0004	CONCRETE BASE COURSE, 8" THICK	S.Y.	PORTLAND CEMENT CONCRETE PAVEMENT	x	x	x		x	x	x	x		x	CM
305-0002	SURFACE MILLING, 2" AVERAGE DEPTH	S.Y.	PAVEMENT REMOVAL & SURFACING MILLING				x							CM
305-N0001	REMOVE EXISTING RUMBLE STRIP	L.F.	PAVEMENT REMOVAL & SURFACING MILLING				x							CM
305-N0002	SURFACE MILLING, 2.5" AVERAGE DEPTH	S.Y.	PAVEMENT REMOVAL & SURFACING MILLING				x							CM
306-0001	MILLED RUMBLE STRIP	L.F.	MILLED RUMBLE STRIP				x							CM
401-0011	CONCRETE IN SUBSTRUCTURE ABOVE FOOTINGS	C.Y.	CONCRETE STRUCTURES	x	x	x		x	x	x			x	CM
401-0067	REINFORCEMENT STEEL, EPOXY COATED	L.B.	CONCRETE STRUCTURES	x		x		x	x	x	x		x	DE
406-0003	CONCRETE FOUNDATIONS FOR OVERHEAD SIGN STRUCTURES	C.Y.	CONCRETE STRUCTURES	x	x	x	x	x			x		x	CM
406-0004	OVERHEAD SPAN SIGN SUPPORT STRUCTURE NO. 1	L.S.	SIGN SUPPORT STRUCTURES	x	x	x	x	x			x		x	DE
406-0005	OVERHEAD SPAN SIGN SUPPORT STRUCTURE NO. 2	L.S.	SIGN SUPPORT STRUCTURES	x	x	x	x	x			x		x	DE
406-0006	OVERHEAD SPAN SIGN SUPPORT STRUCTURE NO. 3	L.S.	SIGN SUPPORT STRUCTURES	x	x	x	x	x			x		x	DE
406-0007	OVERHEAD SPAN SIGN SUPPORT STRUCTURE NO. 4	L.S.	SIGN SUPPORT STRUCTURES	x	x	x	x	x			x		x	DE
406-0009	OVERHEAD CANTILEVER SIGN SUPPORT STRUCTURE NO. 1	L.S.	SIGN SUPPORT STRUCTURES	x	x	x	x	x			x		x	DE
406-0013	OVERHEAD SPAN SIGN SUPPORT STRUCTURE NO. 5	L.S.	SIGN SUPPORT STRUCTURES	x	x	x	x	x			x		x	DE
406-0014	OVERHEAD SPAN SIGN SUPPORT STRUCTURE NO. 6	L.S.	SIGN SUPPORT STRUCTURES	x	x	x	x	x			x		x	DE
406-0015	OVERHEAD SPAN SIGN SUPPORT STRUCTURE NO. 7	L.S.	SIGN SUPPORT STRUCTURES	x	x	x	x	x			x		x	DE
406-N0022	REMOVE EXISTING OVERHEAD SPAN SIGN STRUCTURE	EACH	SIGN SUPPORT STRUCTURES		x			x		x				CM/DE
412-N0003	WELD EXISTING INLET GRATE	EACH	MANHOLES & INLETS		x	x								CM
429-0002	54 IN DRILLED SHAFT FOR SIGN STRUCTURES	L.F.	DRILLED SHAFTS FOR SIGN STRUCTURE FOUNDATIONS	x		x		x			x		x	DE
429-0004	30 IN DRILLED SHAFT FOR SIGN STRUCTURES	L.F.	DRILLED SHAFTS FOR SIGN STRUCTURE FOUNDATIONS	x		x		x			x		x	DE
499-N0064	TOLL PLAZA SPACE FRAME, NSE ROADWAY	L.S.	SPACE FRAME	x	x	x	x	x			x		x	DE
499-N0065	TOLL PLAZA SPACE FRAME, SNE ROADWAY	L.S.	SPACE FRAME	x	x	x	x	x			x		x	DE
499-N0066	FLOWABLE FILL	CY	STRUCTURAL FILL	x	x	x		x	x		x		x	DE

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501-N0001	10 IN TRENCH DRAIN	L.F.	UNDERDRAINS	x	x	x	x	x						DE
502-0005	15 IN REINFORCED CONCRETE PIPE, CLASS III	L.F.	STORM DRAINS	x	x	x							x	CM
502-0006	18 IN REINFORCED CONCRETE PIPE, CLASS III	L.F.	STORM DRAINS	x	x	x							x	CM
502-0251	CLEANING EXISTING STORM DRAINS	L.F.	STORM DRAINS	x	x	x							x	CM
502-N0005	24 IN REINFORCED CONCRETE PIPE, CLASS III	L.F.	STORM DRAINS	x	x	x							x	CM
502-N0006	30 IN REINFORCED CONCRETE PIPE, CLASS III	L.F.	STORM DRAINS	x	x	x							x	CM
502-N0007	36 IN REINFORCED CONCRETE PIPE, CLASS III	L.F.	STORM DRAINS	x	x	x							x	CM
503-0001	INLET, TYPE D3	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
503-0003	INLET, TYPE D2	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
503-0004	INLET, TYPE D4	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
503-0006	MANHOLE, TYPE P-2	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
503-0011	MANHOLE, TYPE P-1	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
503-0012	CAPPING EXISTING DRAINAGE STRUCTURES	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
503-0013	INLET, TYPE D5	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
503-0253	RECONSTRUCTED INLET, TYPE D2, USING NEW GRATE AND FRAME	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
503-0254	RECONSTRUCTED INLET, TYPE D3, USING NEW GRATE AND FRAME	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
503-0255	RECONSTRUCTED MANHOLE, TYPE _____, USING NEW GRATE AND FRAME	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
503-N0004	RECONSTRUCT INLET, USING EXISTING FRAME, 0FT TO 0.5FT DEPTH	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
503-N0006	CONCRETE INLET COLLAR	EACH	CONCRETE STRUCTURES	x	x	x		x	x	x			x	CM
503-N0012	INLET, TYPE D2 SP	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
503-N0013	INLET, TYPE D4 SP	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
503-N0014	INLET, TYPE D5 SP	EACH	MANHOLES & INLETS	x		x		x			x		x	CM
504-0011	INCIDENTAL CONCRETE	C.Y.	MANHOLES & INLETS	x		x		x			x		x	CM
506-0001	CONCRETE CURB, TYPE A	L.F.	CONCRETE CURB	x	x	x			x				x	CM
506-0002	CONCRETE CURB, TYPE B	L.F.	CONCRETE CURB	x	x	x			x				x	CM
506-N0001	CONCRETE CURB, TYPE B DOWELED	L.F.	CONCRETE CURB	x	x	x			x				x	CM
508-0001	CONCRETE MEDIAN BARRIER, ROADWAY	L.F.	CONCRETE MEDIAN BARRIER		x	x		x	x		x		x	CM
508-0003	CONCRETE MEDIAN BARRIER PROTECTION	L.F.	CONCRETE MEDIAN BARRIER		x	x		x	x		x		x	CM
508-0004	CONCRETE MEDIAN BARRIER, ROADWAY, VARIABLE HEIGHT	L.F.	CONCRETE MEDIAN BARRIER		x	x		x	x		x		x	CM
508-0007	CONCRETE MEDIAN BARRIER REMOVAL, ROADWAY	L.F.	CONCRETE MEDIAN BARRIER		x	x		x	x		x		x	CM
509-0001	SIGN PANELS	S.F.	SIGN PANELS			x		x				x	x	CM
509-0004	REMOVE SIGNS	EACH	SIGN PANELS			x		x				x	x	CM
509-0006	RELOCATE SIGN PANELS	EACH	SIGN PANELS			x		x				x	x	CM
509-0007	REMOVAL OF EXISTING OVERHEAD AND GROUND-MOUNTED SIGN PANELS	EACH	SIGN PANELS			x		x				x	x	CM
510-0001	BEAM GUIDE RAIL	L.F.	GUARD RAIL	x		x		x				x	x	CM
510-0002	BEAM GUIDE RAIL, DUAL-FACED	L.F.	GUARD RAIL	x		x		x				x	x	CM
510-0011	BEAM GUIDE RAIL ANCHORAGE	EACH	GUARD RAIL	x		x		x				x	x	CM
510-0014	PARAPET CONNECTION, TYPE A	EACH	GUARD RAIL	x		x		x				x	x	CM
510-0015	PARAPET CONNECTION, TYPE B	EACH	GUARD RAIL	x		x		x				x	x	CM
510-0017	FLARED GUIDE RAIL TERMINAL	EACH	GUARD RAIL	x		x		x				x	x	CM
510-0031	REMOVAL OF BEAM GUIDE RAIL	L.F.	GUARD RAIL	x		x		x				x	x	CM
510-0033	TELESCOPING GUIDE RAIL END TERMINAL	EACH	GUARD RAIL	x		x		x				x	x	CM
510-N0001	RESET BEAM GUIDE RAIL WITH EXISTING POST	L.F.	GUARD RAIL	x		x		x				x	x	CM
511-0011	MEDIAN FENCING	L.F.	MEDIAN FENCING	x		x		x				x	x	CM
511-N0015	FENCE REMOVAL	L.F.	MEDIAN FENCING	x		x		x				x	x	CM
514-0001	CONCRETE SIDEWALK, 4" THICK	S.Y.	SIDEWALK	x	x	x		x					x	CM
515-N0001	PLASTIC BOLLARDS	L.F.	BOLLARDS	x		x		x				x		DE

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516-0001	REMOVABLE WET WEATHER PAVEMENT MARKING TAPE	L.F.	PAVEMENT STRIPES & MARKINGS	x		x		x				x	x	CM
516-0005	STRIPING AND MARKING REMOVAL, HYDROMILLING	L.F.	PAVEMENT STRIPES & MARKINGS	x		x						x	x	CM
516-0007	TEMPORARY PAVEMENT STRIPING	L.F.	PAVEMENT STRIPES & MARKINGS	x		x		x				x	x	CM
516-0009	TRAFFIC STRIPES, LONG-LIFE, THERMOPLASTIC	L.F.	PAVEMENT STRIPES & MARKINGS	x		x						x	x	CM
516-0013	TRAFFIC MARKINGS, SYMBOLS, LONG-LIFE, THERMOPLASTIC	S.F.	PAVEMENT STRIPES & MARKINGS	x		x						x	x	CM
516-N0001	REMOVABLE BLACK LINE MASK, 8IN WIDE	L.F.	PAVEMENT STRIPES & MARKINGS	x		x		x				x	x	CM
517-0004	FURNISH FIELD OFFICE, TYPE D	L.S.	FIELD OFFICE				x							CM
517-0010	MAINTAIN FIELD OFFICE, TYPE D	MNTH	FIELD OFFICE				x							CM
517-0013	FURNISH OFFICE SUPPLIES (NO-BID)	USD	FIELD OFFICE										x	CM
519-N0002	REMOVE AND SALVAGE TOLL BOOTHS	L.S.	TOLL BOOTHS				x	x					x	CM
521-N0001	TOLL PLAZA CANOPY MODIFICATIONS	L.S.	TOLL PLAZA CAOPY	x	x	x	x	x		x			x	DE
522-0001	TEST PITS	EACH	TEST PITS				x						x	CM
523-N0001	VIDEO INSPECTION OF PIPES	L.F.	INSPECTION					x		x				DE
524-0062	PLACING AND REMOVING TEMPORARY IMPACT ATTENUATOR, QUADGUARD	EACH	IMPACT ATTENUATOR				x	x					x	CM
524-0063	REPAIR TEMPORARY IMPACT ATTENUATOR, QUADGUARD	EACH	IMPACT ATTENUATOR				x	x					x	CM
524-N0057	QUADGUARD IMPACT ATTENUATOR, 5 BAYS, 36 IN WIDE	UNIT	IMPACT ATTENUATOR				x	x					x	CM
524-N0058	FURNISHING TEMPORARY IMPACT ATTENUATOR, QUADGUARD, _ BAYS, _ IN WIDE	EACH	IMPACT ATTENUATOR				x	x					x	CM
525-0004	MILE MARKER, TYPE RG	EACH	MILE MARKER	x		x		x			x		x	CM
525-0005	MILE MARKER, TYPE RP	EACH	MILE MARKER	x		x		x			x		x	CM
530-0001	RAISED PAVEMENT MARKERS	EACH	RAISED PAVEMENT MARKERS	x		x		x					x	CM
531-0001	FORCE ACCOUNT FOR SNOW REMOVAL (NO-BID)	USD	FORCE ACCOUNT											CM
599-N0003	PROJECT ALLOWANCES (NO-BID)	USD	PROJECT ALLOWANCES										x	CM
599-N0021	TOLL PLAZA ELECTRICAL WORK	L.S.	MISCELLANEOUS ELECTRICAL	x	x	x	x	x					x	DE
599-N0109	FORCE ACCOUNT FOR TOLL COLLECTION EQUIPMENT (NO-BID)	USD	FORCE ACCOUNT	x	x	x	x	x					x	DE
601-0021	NO. 10 A.W.G. GROUND WIRE	L.F.	COMMON ELECTRICAL PROVISIONS	x		x		x				x	x	CM
601-0041	3" RIGID METALLIC CONDUIT, EXPOSED	L.F.	COMMON ELECTRICAL PROVISIONS	x		x		x				x	x	CM
601-N0002	#10 A.W.G. MULTIPLE LIGHTING CABLE	L.F.	COMMON ELECTRICAL PROVISIONS	x		x		x				x	x	CM
602-N0009	FORCE ACCOUNT FOR MISCELLANEOUS ELECTRICAL WORK (NO-BID)	USD	FORCE ACCOUNT											CM
603-0007	LIGHTING STANDARD, TYPE L-MG-40	UNIT	ROADWAY LIGHTING	x		x		x				x		DE
603-0029	TYPE LP1 LUMINAIRE, 52W	UNIT	ROADWAY LIGHTING	x		x		x				x		DE
603-0033	TYPE LP2 LUMINAIRE, 75W	UNIT	ROADWAY LIGHTING	x		x		x				x		DE
603-0034	TYPE LP4 LUMINAIRE, 127W	UNIT	ROADWAY LIGHTING	x		x		x				x		DE
603-0035	TYPE LP5 LUMINAIRE, 173W	UNIT	ROADWAY LIGHTING	x		x		x				x		DE
603-0036	TYPE LP7 LUMINAIRE, 292W	UNIT	ROADWAY LIGHTING	x		x		x				x		DE
603-0037	TYPE LP8 LUMINAIRE, 292W	UNIT	ROADWAY LIGHTING	x		x		x				x		DE
603-0038	TYPE LP9 LUMINAIRE, 173W	UNIT	ROADWAY LIGHTING	x		x		x				x		DE
603-0039	TYPE LW2 LUMINAIRE, 52W	UNIT	ROADWAY LIGHTING	x		x		x				x		DE
703-0001	TOPSOIL	S.Y.	TOPSOILING	x		x		x				x	x	CM
801-0001	FURNISHING TRAFFIC CONTROL DEVICES	L.S.	TRAFFIC CONTROL DEVICES	x	x	x	x	x					x	CM
801-0002	FURNISHING PRECAST CONCRETE CONSTRUCTION BARRIER	L.F.	TRAFFIC CONTROL DEVICES		x	x		x	x		x		x	CM
801-0003	PLACING AND REMOVING PRECAST CONCRETE CONSTRUCTION BARRIER	L.F.	TRAFFIC CONTROL DEVICES				x	x		x				CM
801-0009	FURNISHING PORTABLE VARIABLE MESSAGE SIGN	EACH	TRAFFIC CONTROL DEVICES	x	x	x	x	x					x	CM
801-0010	FURNISHING TEMPORARY IMPACT ATTENUATOR	EACH	TRAFFIC CONTROL DEVICES	x		x	x							CM
801-0011	PLACING AND REMOVING TEMPORARY IMPACT ATTENUATOR	EACH	TRAFFIC CONTROL DEVICES				x	x						CM
801-0013	FURNISHING TRUCK WITH MOUNTED ATTENUATOR	EACH	TRAFFIC CONTROL DEVICES	x		x	x							CM
801-0015	REPAIR TRUCK MOUNTED IMPACT ATTENUATORS	EACH	TRAFFIC CONTROL DEVICES				x							CM
801-0017	REPAIR TEMPORARY IMPACT ATTENUATORS	BARR	TRAFFIC CONTROL DEVICES				x							CM
801-N0001	INSTALLATION, MAINTENANCE, AND REMOVAL OF LANE CLOSING	EACH	TRAFFIC CONTROL DEVICES	x	x	x	x	x			x		x	DE
2000-N0001	NJDCA CONSTRUCTION PERMIT ALLOWANCE (NO-BID)	USD	TUNNEL BUILDING										x	CM
2000-N022	FORCE ACCOUNT FOR BUILDING ELECTRICAL WORK ALLOWANCES (NO-BID)	USD	TUNNEL BUILDING											CM