

Group 1: Earthwork

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1010 0 R7	Superelevation Plan for Dual Highways (Crowned Surface)		
1020 0 R2	Superelevation Plan for Dual Highways (Raised Median)		
1040 0 R6	Superelevation Plan for Dual Highways (Tangent Surface)		
1080 0 R5	Superelevation Plan for Concrete and Bituminous Surfacing		
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1110 2 R0	Typical Cross Sections of Old Road Obliteration		
1111 5 R0	Obliteration of Existing Maintenance Turnaround		
1380 5 R1	Curb Removal Detail		
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1401 5 R2	Grading for Culvert Extensions		
1700 2 R1	Roadway Grading for End Treatments		
1700 6 R4	Earthwork and Surfacing around Guardrail for 3R Projects		
1702 2 R0	Grading for Terminal Anchorage Section		
1710 6 R4	Earthwork and Surfacing around Guardrail for New and Reconstruction Projects		
1711 6 R2	Earthwork for Guardrail on New and Reconstructed Projects, Parallel Installation		
1712 6 R0	Earthwork Around Bullnose Guardrail		
1731 5 R3	Surfacing Around Guardrail - 31"		
1910 2 R0	Details of Maintenance Turnaround with 40' Median		
1911 2 R0	Details of Maintenance Turnaround with 64' Median		
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3010 3 R1	Phasing for Concrete Island	JUNE 2023	Revision
3030 0 R3	Curb Ramps		
3070 0 R3	Mailbox Turnout		
3200 1 R1	Milled Rumble Strips		
3290 0 R12	8 to 16 inch Concrete Pavement	JUNE 2023	Revision
3290 5 R5	Concrete Pavement Repair		
3290 6 R0	Median Break		
3300 1 R2	6 to 8 Inch Concrete Pavement Less Than 8 inch Concrete Pavement	JUNE 2023	Revision
3810 5 R1	Detail of Precast Concrete Curb Stop		
3850 2 R24	Joint/Pavement Repair		
3851 2 R18	Joint/Pavement Repair (Overlay)		

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4030 0 R3	Bends and Breaks for Concrete Box Culverts		
4040 0 R4	Control Joints for Concrete Box Culverts		
4070 0 R0	Concrete Headwall (For 12"-30" Pipes)	JUNE 2023	NEW PLAN
4080 0 R0	Concrete Headwall (For 36"-60" Pipes)	JUNE 2023	NEW PLAN
4090 0 R0	Concrete Headwall (For 72"-108" Pipes)	JUNE 2023	NEW PLAN
4100 0 R4	Flared End Sections for Culvert Pipes		
4110 0 R2	Bedding and Backfill Requirements for Concrete Pipe		
4120 1 R1	Safety Sloped End Sections Corrugated Metal and Concrete Pipe		
4130 0 R3	Bar Grate for Flared End Sections		
4140 0 R3	Pipe Siphon		
4180 5 R3	Slotted Pipe Detail		
4220 5 R0	Precast Concrete Box Culvert End Section		
4230 5 R1	Preparation of Existing Box Culvert for Extension		
4250 0 R5	Collars and Elbows for Concrete Pipes		
4280 0 R4	Concrete Plugs and Field Tap Details		
4300 3 R2	4" Pipe Underdrain	JUNE 2023	Revision
4310 3 R0	Granular Sub-Drain Details		
4330 1 R1	Area Inlet With Bar		
4333 1 R0	Area Inlet With Grate		
4335 3 R2	Approach Slab Drainage Inlets - 31"		
4340 5 R1	Details for Drop Curb for Drainage		
4341 1 R3	Concrete Flume, Type I		
4342 1 R3	Concrete Flume, Type II		
4344 1 R4	Concrete Flume, Type IV		
4345 1 R4	Concrete Flume, Type V		
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4350 0 R3	Manhole	JUNE 2023	Revision
4400 0 R0	Mountable Curb Inlet Single Grate	JUNE 2023	NEW PLAN
4410 0 R0	Mountable Crub Inlet Twin Grates	JUNE 2023	NEW PLAN
4420 0 R0	Haunch Over Pipe at Shallow Curb Inlet	JUNE 2023	NEW PLAN
4430 0 R13	Curb Inlets and Junction Box	JUNE 2023	Revision
4430 5 R0	Curb Inlet Depression		
4440 1 R0	Reconstruct Gutter Depression For 2" Grade Raise		
4440 5 R0	MSE Wall V-Ditch Drain		
4500 5 R1	Details of Rock Riprap		
4505 5 R0	Roadside Sediment Trap and Outlet		
4510 5 R2	Details of Rock Riprap Scour Hole		
4520 5 R1	Bridge Drainage Basin		
4530 0 R0	Splash Basin	JUNE 2023	NEW PLAN
4550 0 R2	Concrete Ditch Lining		
4810 5 R0	Pipe Bedding Detail		
4900 0 R1	Bird Exclusion Netting		

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5010 0 R7	Erosion Control		
5020 0 R2	Silt Fence Details		
5101 1 R0	Concrete Washout & Construction Exit		
5102 1 R0	Inlet Protection		
5103 1 R0	Temporary Pipe Slope Drain		
5104 1 R0	Silt Checks All Types		
5400 5 R0	Metal Diaphragm Detail		
5470 0 R4	Concrete Flume, Type VII		
5480 0 R4	Concrete Flume, Type VIII		
5480 5 R1	Inlet Liner Details		

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6200 5 R1	Mechanically Stabilized Earth (MSE) Wall		

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7020 0 R1	Cable Guardrail		
7030 1 R0	Cable Guardrail to W-Beam Guardrail Transition - 31"		Obsolete
7038 5 R0	31" Transition to 27 5/8" Guardrail		
7040 1 R0	Cable Guardrail to MGS Transition		Obsolete
7046 5 R2	Curved Beam Design Guide		
7049 5 R0	MGS For Long Span		
7100 0 R5	Fence Details		
7120 0 R2	Bullnose (12.5') (Tapered)		
7130 0 R2	Bullnose (12.5') (Parallel)		
7140 0 R1	4-Strand Wire Fence		
7150 0 R1	5-Strand Wire Fence		
7300 1 R0	W-Beam Connect to Concrete Protection Barrier	JUNE 2023	NEW PLAN
7390 1 R0	Bridge Approach Section 31" to Existing 27 5/8"		
7390 5 R0	25 Ft. Transition Section 31" to Existing 27 5/8"		
7400 0 R1	Midwest Guardrail System Bridge Approach Section		
7410 0 R2	Thrie-Beam Bridge Approach Section		
7430 0 R3	Guardrail Details		
7440 0 R0	Midwest Guardrail System Without Blockouts		
7450 0 R2	End Anchorage Assembly 31"		
7460 0 R0	Midwest Guardrail System Bridge Approach Section TL-2 - 31"		
7470 0 R1	Parapet Guardrail Attachments		
7480 0 R2	Culvert Mounted Guardrail Post		
7490 1 R0	Weak Post Guardrail - 31"		
Plan No.	Title		Comments
Impact Attenuators (For Information Only)			
7750 6 R0	TRACC Group		Obsolete
Sheet 1 of 3	TRACC - TL-2		Obsolete
Sheet 2 of 3	SHORTRACC		Obsolete
Sheet 3 of 3	58" WIDETRACC		Obsolete
7752 6 R0	Smart Cushion	JUNE 2023	NEW PLAN
7753 6 R0	TAU-M	JUNE 2023	Revision
7754 6 R1	Quadguard M10 System w/Tension Strut Backup	JUNE 2023	Revision
Sheet 1 of 3	M10 System Narrow w/Tension Strut Backup		
Sheet 2 of 3	M10 System Narrow w/Tension Strut Backup		
Sheet 3 of 3	M10 System Narrow w/Tension Strut Backup		
Sheet 4 of 4	M10 System Wide System w/Tension Strut Backup		Obsolete
7755 6 R0	TraFFix Delta Crash Cushion	JUNE 2023	NEW PLAN

Plan No.	Title		Comments
	TL-2 Low Speed (For Information Only)		
7771 6 R2	Softspot TL-2	JUNE 2023	NEW PLAN
7773 6 R1	MSKT-SP-MGS-Terminal Test Level 2	JUNE 2023	NEW PLAN
Plan No.	Title		Comments
	High Tension Cable Guardrail (For Information Only)		
7780 6 R1	Cass 3-Cable Guardrail Safety System	JUNE 2023	Revision
7783 6 R2	MASH Gibraltar TL7 Cable System Layout	JUNE 2023	Revision
Sheet 1 of 4	TL-3 3-Cable System Layout	JUNE 2023	Obsolete
Sheet 2 of 4	TL-3 3-Cable Guardrail Transition	JUNE 2023	Obsolete
Sheet 3 of 4	TL-4 4-Cable System Layout	JUNE 2023	Obsolete
Sheet 4 of 4	TL-3 4-Cable Guardrail Transition	JUNE 2023	Obsolete
7787 6 R1	Brifen MASH TL-3	JUNE 2023	Revision
Sheets 1-3 of 9	TL-3 (3-Rope) WRSF-Brifen	JUNE 2023	Obsolete
Sheets 4-6 of 9	TL-3 (4-Rope) WRSF-Brifen	JUNE 2023	Obsolete
Sheets 7-9 of 9	TL-4 (4-Rope) WRSF-Brifen	JUNE 2023	Obsolete
Plan No.	Title		Comments
	Guardrail End Treatment, Type I (For Information Only)		
7801 6-00	ET-34	JUNE 2023	Obsolete
7803 6-00	SKT-SP-MGS" Top of Rail	JUNE 2023	Obsolete
7804 6 R2	MSKT-SP-MGS Terminal TL-3	JUNE 2023	Revision
7805 6 R2	SoftStop System TL-3	JUNE 2023	Revision
Sheet 1 of 2	TL-3 (Option 1)	JUNE 2023	Obsolete
Sheet 2 of 2	TL-3 (Option 2)	JUNE 2023	Obsolete
7806 6 R1	Max Tension TL-3 System	JUNE 2023	Revision
	Guardrail End Treatment, Type II (For Information Only)		Comments
7901 6 R2	MASH FLEAT Terminal 12" Blocks TL-3 Standard Post System	JUNE 2023	Revision
7902 6-01	SRT 31 (31" Height, 40' 7 1/2" Length)	JUNE 2023	Obsolete
7903 6-00	SRT-M10 Guardrail End Terminal	JUNE 2023	Obsolete
7903 6-00	SRT-M10 Guardrail End Terminal	JUNE 2023	Obsolete
7904 6-00	XLITE System	JUNE 2023	Obsolete
	Guardrail End Treatment, Median Barrier (For Information Only)		Comments
7910 6 R0	MATT System	JUNE 2023	NEW PLAN

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8350 5 R1	Sections of Timber Plank and Rubberized Crossings		
8700 0 R0	Concrete Protection Barrier		

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9100 0 R4	Signal Face Configuration		
9110 0 R2	Signal Mounting		
9120 0 R7	Traffic Signal Pole Detail		
9130 0 R3	Span Wire Signal Pole Detail		
9140 0 R8	Pull Box Detail		
9200 0 R7	Traffic Control Construction and Maintenance		
9210 0 R8	Traffic Control, Construction and Maintenance		
9220 0 R11	Traffic Control for Asphalt Surfacing		
9230 0 R2	Traffic Control Road Closure		
9240 0 R4	Urban Traffic Control Plan		
9260 0 R0	Typical Lane Closure Plan for Multilane Roadways		
9410 0 R1	Pavement Marking		
9420 0 R0	Pavement Marking for Freeway Ramps		
9430 0 R0	Temporary Pavement Marking		