



**Project Development Tasks
Global Network**

**Task/Milestone
Reference Sheet**

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TASK TYPES BASED ON UNIT AND COLOR CODING:

XXXX EARLY PRELIMINARY ENGINEERING TASKS	XXXX ROAD DESIGN TASKS	TASK NUMBER IS BOLD
XXXX RIGHT-OF-WAY TASKS	XXXX TRAFFIC AND SAFETY TASKS	
XXXX UTILITY TASKS	XXXX ENVIRONMENTAL PERMITS COORDINATION TASKS	
XXXX BRIDGE & HYDROLOGY RELATED TASKS	XXXX OTHER DESIGN TASKS	
XXXX ITS TASKS	XXXX RAILROAD TASKS	

Task Number	Task Description	Task Group	Task Sub-Group	Count
1110	Obtain Study Consultant	Planning Studies	Planning Studies	1T
1115	Traffic Data Collection for Studies	Planning Studies	Traffic & Safety Related	2T
1120	Traffic Analysis Report (TAR) for Studies	Planning Studies	Traffic & Safety Related	3T
1125	Traffic Capacity Analysis for Studies	Planning Studies	Traffic & Safety Related	4T
1155	Safety Analysis for Studies	Planning Studies	Traffic & Safety Related	5T
1300	Traffic Impact Study	Planning Studies	Planning Studies	6T
1350	Determine Need for Interstate Access Change Request (IACR)	Planning Studies	Planning Studies	7T
1400	Feasibility Study	Planning Studies	Planning Studies	8T
1500	Corridor Study	Planning Studies	Planning Studies	9T
1555	Interstate Access Change Request (IACR)	Planning Studies	Planning Studies	10T
155M	Approval for IACR Issued by FHWA	Planning Studies	Planning Studies	1M
1600	Access Management Study/Plan	Planning Studies	Planning Studies	11T
1700	Other Miscellaneous Studies	Planning Studies	Planning Studies	12T
2100	Scope Development and Initiation of Early Preliminary Engineering (EPE) Activities	Early Preliminary Engineering	EPE Scoping Analysis	13T
210M	PI/PRB Concurrence	Early Preliminary Engineering	EPE Scoping Analysis	2M
2110	Obtain Early Preliminary Engineering Consultant	Early Preliminary Engineering	EPE Scoping Analysis	14T
2115	Traffic Data Collection for Studies	Early Preliminary Engineering	EPE Scoping Analysis	15T
2120	Prepare Traffic Analysis Report for Early Preliminary Engineering/Design	Early Preliminary Engineering	EPE Scoping Analysis	16T
2125	Traffic Capacity Analysis for Early Preliminary Engineering/Design	Early Preliminary Engineering	EPE Scoping Analysis	17T
2130	Prepare Purpose of and Need for Project	Early Preliminary Engineering	EPE Scoping Analysis	18T
213M	Concurrence by Regulatory Agencies With Purpose and Need	Early Preliminary Engineering	EPE Scoping Analysis	3M
2140	Develop and Review Illustrative Alternatives	Early Preliminary Engineering	EPE Scoping Analysis	19T
2155	Request/Perform Safety Analysis for Early Preliminary Engineering/Design	Early Preliminary Engineering	EPE Scoping Analysis	20T
2160	Prepare and Review Environmental Impact Statement (EIS) Scoping Document	Early Preliminary Engineering	EPE Scoping Analysis	21T
216M	Public Information Meeting	Early Preliminary Engineering	EPE Scoping Analysis	4M
2165	Request/Perform Road Safety Audit (RSA)	Early Preliminary Engineering	EPE Scoping Analysis	22T
2310	Conduct Technical Social, Economic, and Environmental Studies	Early Preliminary Engineering	EPE Draft Analysis	23T
2311	Cultural Resources Survey	Early Preliminary Engineering	EPE Draft Analysis	24T
2312	Recreational Survey-Section 4(f)/(b)(f)	Early Preliminary Engineering	EPE Draft Analysis	25T
2313	Endangered Species Survey	Early Preliminary Engineering	EPE Draft Analysis	26T
2314	Wetland Assessment	Early Preliminary Engineering	EPE Draft Analysis	27T
2315	Wetland Mitigation	Early Preliminary Engineering	EPE Draft Analysis	28T
2316	Other Technical Report(s)	Early Preliminary Engineering	EPE Draft Analysis	29T
2321	Prepare for Aerial Photography	Early Preliminary Engineering	EPE Draft Analysis	30T
233M	Aerial Photogrammetry Flight	Early Preliminary Engineering	EPE Draft Analysis	5M
2322	Finish/Print Aerial Photography	Early Preliminary Engineering	EPE Draft Analysis	31T
2330	Collect Early Preliminary Engineering Geotechnical Data	Early Preliminary Engineering	EPE Draft Analysis	32T
2340	Develop and Review Practical Alternatives	Early Preliminary Engineering	EPE Draft Analysis	33T
234M	Concurrence by Regulatory Agencies With Practical Alternatives Considered	Early Preliminary Engineering	EPE Draft Analysis	6M
2360	Prepare and Review Environmental Assessment (EA)	Early Preliminary Engineering	EPE Draft Analysis	34T
236M	Approval of Environmental Assessment by FHWA	Early Preliminary Engineering	EPE Draft Analysis	7M
2361	Obtain Photogrammetry Consultant	Early Preliminary Engineering	EPE Draft Analysis	35T
2370	Prepare and Review Draft Environmental Impact Statement (DEIS)	Early Preliminary Engineering	EPE Draft Analysis	36T
237M	Approval of DEIS by FHWA	Early Preliminary Engineering	EPE Draft Analysis	8M
2380	Distribute Environmental Assessment (EA)	Early Preliminary Engineering	EPE Draft Analysis	37T
238M	Public Hearing For Environmental Assessment	Early Preliminary Engineering	EPE Draft Analysis	9M
2390	Distribute Draft Environmental Impact Statement (DEIS)	Early Preliminary Engineering	EPE Draft Analysis	38T
239M	Public Hearing for DEIS	Early Preliminary Engineering	EPE Draft Analysis	10M
2510	Determine and Review Recommended Alternative	Early Preliminary Engineering	EPE Final Draft Analysis	39T
250M	Concurrence by Regulatory Agencies With Recommended Alternative	Early Preliminary Engineering	EPE Final Draft Analysis	11M
251M	Department Approval of Recommended Alternative	Early Preliminary Engineering	EPE Final Draft Analysis	12M
2525	Prepare and Review Engineering Report	Early Preliminary Engineering	EPE Final Draft Analysis	40T
2530	Prepare and Review Request for Finding of No Significant Impact (FONSI)	Early Preliminary Engineering	EPE Final Draft Analysis	41T
253M	FONSI issued by FHWA	Early Preliminary Engineering	EPE Final Draft Analysis	13M
2540	Prepare and Review Final Environmental Impact Statement	Early Preliminary Engineering	EPE Final Draft Analysis	42T
254M	Approval of FEIS by FHWA	Early Preliminary Engineering	EPE Final Draft Analysis	14M
2550	Obtain Record of Decision (ROD)	Early Preliminary Engineering	EPE Final Draft Analysis	43T
255M	ROD Issued by FHWA	Early Preliminary Engineering	EPE Final Draft Analysis	15M
2560	Obtain Preliminary Engineering Authorization	Early Preliminary Engineering	EPE Final Draft Analysis	44T
2570	Intelligent Transportation Systems Concept of Operations	Intelligent Transportation Systems	Special Tasks for Intelligent Transportation systems	45T
2810	Project Area Contamination Survey (PACS)	Early Preliminary Engineering	EPE Final Draft Analysis	46T
2820	Conduct Preliminary Site Investigation (PSI) for Contamination	Early Preliminary Engineering	EPE Final Draft Analysis	47T
3130	Verify Design Scope of Work	Preliminary Engineering	Design Scope Verification	48T
312M	Department Concurrence of Design Scope Milestone	Preliminary Engineering	Design Scope Verification	16M
3140	Obtain Design Consultant	Preliminary Engineering	Design Scope Verification	49T
3150	Categorical Exclusion Environmental Classification	Preliminary Engineering	Design Scope Verification	50T
3155	Categorical Exclusion Environmental Certification	Preliminary Engineering	Design Scope Verification	51T
3160	Obtain Design Survey Consultant	Preliminary Engineering	Design Scope Verification	52T
3310	Prepare Aerial Topographic Mapping	Preliminary Engineering	Base Plan Preparation	53T
3320	Conduct Photogrammetric Control Survey	Preliminary Engineering	Base Plan Preparation	54T
3321	Set Aerial Photography Targets	Preliminary Engineering	Base Plan Preparation	55T
3325	Geotechnical Site Characterization -- Structures	Preliminary Engineering	Base Plan Preparation	56T
3330	Conduct Design Survey	Preliminary Engineering	Base Plan Preparation	57T
3340	Conduct Structure Survey	Preliminary Engineering	Base Plan Preparation	58T
3350	Conduct Hydraulic Survey	Preliminary Engineering	Base Plan Preparation	59T
3360	Prepare Base Plans/Preliminary ROW Plans	Preliminary Engineering	Base Plan Preparation	60T
3365	Pre-Conceptual Intelligent Transportation System (ITS) Design and Meeting	Intelligent Transportation Systems	Special Tasks for Intelligent Transportation systems	61T
311M	Utility Notification Milestone	Preliminary Engineering	Utilities & Railroad	17M
3370	Prepare Structure Study	Preliminary Engineering	Base Plan Preparation	62T
337M	Submittal of Structure Study to FHWA for Approval	Preliminary Engineering	Base Plan Preparation	18M
357M	FHWA Concurrence of Structure Study	Preliminary Engineering	Preliminary Plan Preparation	19M
3375	Conduct Value Engineering Study	Preliminary Engineering	Base Plan Preparation	63T
3380	Review Base Plans/Preliminary ROW Plans	Preliminary Engineering	Base Plan Preparation	64T
3385	Preliminary Load Rating Evaluation	Preliminary Engineering	Base Plan Preparation	65T
3390	Develop/Review the Maintaining Traffic Concepts	Preliminary Engineering	Base Plan Preparation	66T
3395	Project Manager Base Plan Review and Meeting	Preliminary Engineering	Base Plan Preparation	67T
332M	Base Plan Review Milestone	Preliminary Engineering	Base Plan Preparation	20M
3500	Develop/Review Transportation Management Plan (TMP)	Preliminary Engineering	Preliminary Plan Preparation	68T
3505	Preliminary Pavement Design and Selection	Preliminary Engineering	Preliminary Plan Preparation	69T

Task Number	Task Description	Task Group	Task Sub-Group	Count
3510	Perform Roadway Geotechnical Investigation	Preliminary Engineering	Preliminary Plan Preparation	70T
3520	Hydraulic Analysis for Bridges and Culverts, and Scour Analysis	Preliminary Engineering	Preliminary Plan Preparation	71T
3522	Drainage Study, Storm Sewer Design and Stormwater Post-Construction Best Management Practices (PC)	Preliminary Engineering	Preliminary Plan Preparation	72T
3530	Geotechnical Foundation Engineering Report	Preliminary Engineering	Preliminary Plan Preparation	73T
3535	Conduct Structure Review of Architectural & Aesthetic Improvements	Preliminary Engineering	Preliminary Plan Preparation	74T
3540	Develop/Review the Maintaining Traffic Plan	Preliminary Engineering	Preliminary Plan Preparation	75T
3551	Prepare/Review Preliminary Traffic Signal Design Plan	Preliminary Engineering	Preliminary Plan Preparation	76T
3552	Develop Preliminary Permanent Pavement Marking Plan	Preliminary Engineering	Preliminary Plan Preparation	77T
3553	Develop Preliminary Non-Freeway Signing Plan	Preliminary Engineering	Preliminary Plan Preparation	78T
3554	Develop Preliminary Freeway Signing Plan	Preliminary Engineering	Preliminary Plan Preparation	79T
3555	Prepare Preliminary Traffic Signal Operations	Preliminary Engineering	Preliminary Plan Preparation	80T
3560	Conduct Preliminary Traffic Geometrics and Roadside Safety Reviews	Preliminary Engineering	Preliminary Plan Preparation	81T
3565	Preliminary Constructability Review	Preliminary Engineering	Preliminary Plan Preparation	82T
3570	Prepare Preliminary Structure Plans	Preliminary Engineering	Preliminary Plan Preparation	83T
3580	Develop Preliminary Plans	Preliminary Engineering	Preliminary Plan Preparation	84T
3585	Final Intelligent Transportation System (ITS) Concept Design and Meeting	Intelligent Transportation Systems	Special Tasks for Intelligent Transportation systems	85T
3590	Review THE Plans (Hold THE Plan Review Meeting)	Preliminary Engineering	Preliminary Plan Preparation	86T
3595	Conduct Intelligent Transportation Systems Structure Foundation Investigation	Intelligent Transportation Systems	Special Tasks for Intelligent Transportation systems	87T
3600	Project Manager Plan Review	Preliminary Engineering	Utilities & Railroad	88T
352M	THE Plan Review Milestone	Preliminary Engineering	Utilities & Railroad	21M
3610	Compile Utility Information	Preliminary Engineering	Utilities & Railroad	89T
3615	Compile Intelligent Transportation Systems Utility Information	Intelligent Transportation Systems	Special Tasks for Intelligent Transportation systems	90T
3630	Prepare and Process Project Specific Cost Participation/Special Operational Agreements	Preliminary Engineering	Utilities & Railroad	91T
3650	Coordinate Railroad Involvement for Grade Separations	Preliminary Engineering	Utilities & Railroad	92T
3655	Coordinate Railroad Involvement for At-Grade Crossings	Preliminary Engineering	Utilities & Railroad	93T
3658	Rail Agreements	Preliminary Engineering	Utilities & Railroad	94T
360M	Utility Conflict Resolution Plan Distribution	Preliminary Engineering	Utilities & Railroad	22M
3660	Resolve Utility Issues	Preliminary Engineering	Utilities & Railroad	95T
361M	Utility Meeting Milestone	Preliminary Engineering	Utilities & Railroad	23M
3670	Develop Municipal Utility Plans	Preliminary Engineering	Utilities & Railroad	96T
3672	Develop Special Drainage Structure Plans	Preliminary Engineering	Utilities & Railroad	97T
3675	Develop Electrical Plans	Preliminary Engineering	Utilities & Railroad	98T
3680	Preliminary Intelligent Transportation System (ITS) Communication Analysis	Intelligent Transportation Systems	Special Tasks for Intelligent Transportation systems	99T
3690	Power Design (Power Drop in Field)	Intelligent Transportation Systems	Special Tasks for Intelligent Transportation systems	100T
3710	Develop Required Mitigation	Preliminary Engineering	Mitigation & Permits	101T
3720	Assemble Environmental Permit Application Information	Preliminary Engineering	Mitigation & Permits	102T
3730	Obtain Environmental Permit	Preliminary Engineering	Mitigation & Permits	103T
3800	Safety and Mobility Peer Team Review	Preliminary Engineering	Final Plan Preparation	104T
380M	Plan Completion Milestone	Preliminary Engineering	Final Plan Preparation	24M
3810	Conduct Final Geometrics and Roadside Safety Reviews	Preliminary Engineering	Final Plan Preparation	105T
3815	Geotechnical Design Review -- Structures	Preliminary Engineering	Final Plan Preparation	106T
3821	Prepare/Review Final Traffic Signal Design Plan	Preliminary Engineering	Final Plan Preparation	107T
3822	Complete Permanent Pavement Marking Plan	Preliminary Engineering	Final Plan Preparation	108T
3823	Complete Non-Freeway Signing Plan	Preliminary Engineering	Final Plan Preparation	109T
3824	Complete Freeway Signing Plan	Preliminary Engineering	Final Plan Preparation	110T
3825	Prepare Final Traffic Signal Operations	Preliminary Engineering	Final Plan Preparation	111T
3830	Review/Complete the Maintaining Traffic Plan	Preliminary Engineering	Final Plan Preparation	112T
3840	Develop Final Plans and Specifications	Preliminary Engineering	Final Plan Preparation	113T
3850	Develop Structure Final Plans and Specifications	Preliminary Engineering	Final Plan Preparation	114T
3860	Final Constructability Review	Preliminary Engineering	Final Plan Preparation	115T
3865	Region Special Plan Quality Assurance Review	Preliminary Engineering	Final Plan Preparation	116T
3870	Final Project Coordination Review	Preliminary Engineering	Final Plan Preparation	117T
3875	Final Load Rating Evaluation	Preliminary Engineering	Final Plan Preparation	118T
3880	Capital Preventative Maintenance (CPM) or Heavy Maintenance (HM) Quality Assurance Review	Preliminary Engineering	Final Plan Preparation	119T
3885	Finalize plans	Preliminary Engineering	Final Plan Preparation	120T
3890	Final Intelligent Transportation System (ITS) Communication Analysis	Intelligent Transportation Systems	Special Tasks for Intelligent Transportation systems	121T
388M	Final Project Coordination Meeting Milestone	Preliminary Engineering	Final Plan Preparation	25M
389M	Plan Turn-In	Preliminary Engineering	Letting	26M
3900	Omission and Errors Check (OEC) Review	Preliminary Engineering	Letting	122T
3910	Prepare Final Project Package and Obtain Funding Obligation	Preliminary Engineering	Letting	123T
391M	Certification Acceptance Milestone	Preliminary Engineering	Letting	27M
3920	Advertise and let Job	Preliminary Engineering	Letting	124T
392M	Project Let Milestone	Preliminary Engineering	Letting	28M
3930	Award Job Construction Contract	Preliminary Engineering	Letting	125T
393M	Project Awarded Milestone	Preliminary Engineering	Letting	29M
4100	Preliminary Right-of-Way (ROW) Technical Work	Right of Way	Early ROW Work	126T
411M	Obtain ROW Obligation	Right of Way	Early ROW Work	30M
413M	Approved Marked Final Plans	Right of Way		31M
4150	Right-of-Way (ROW) Technical Work	Right of Way	ROW Technical Work	127T
4350	Right-of-Way (ROW) Valuation Work	Right of Way	ROW Appraisal Work	128T
442M	Right-of-Way Certification	Right of Way		32M
4450	Right-of-Way (ROW) Acquisition/Relocation Work	Right of Way	ROW Acquisition/Relocation	129T
4510	Conduct Right of Way Survey and Staking	Right of Way	ROW Surveys	130T



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Task Linkage		
Predecessor	Successor	Link Type
0	1110	Finish-Start
0	2110	Finish-Start
1110	1115	Finish-Start
1110	1300	Finish-Start
1110	1350	Finish-Start
1110	1400	Finish-Start
1110	1500	Finish-Start
1110	1600	Finish-Start
1110	1700	Finish-Start
1110	2310	Finish-Start
1110	2311	Finish-Start
1110	2312	Finish-Start
1110	2313	Finish-Start
1110	2314	Finish-Start
1110	2315	Finish-Start
1110	2316	Finish-Start
1115	1120	Finish-Start
1115	1300	Start-Start
1115	1350	Start-Start
1115	1400	Start-Start
1115	1500	Start-Start
1115	1600	Start-Start
1120	1125	Finish-Start
1120	1155	Finish-Start
1125	1555	Finish-Finish
1155	1120	Finish-Finish
1300	2100	Finish-Start
1300	2140	Finish-Finish
1350	1555	Finish-Start
1400	2100	Finish-Start
1400	2140	Finish-Finish
1500	2100	Finish-Finish
1500	2140	Finish-Finish
1555	2100	Finish-Start
1600	2100	Finish-Start
1600	2140	Finish-Finish
1700	2100	Finish-Start
2100	2115	Finish-Start
2110	2115	Finish-Start
2110	2120	Finish-Start
2115	2120	Finish-Start
2120	2125	Finish-Start
2120	2155	Start-Start
2125	2130	Finish-Start
2125	2570	Finish-Start
2130	2140	Finish-Finish
2130	2160	Finish-Start
2130	2330	Finish-Start
2130	2360	Finish-Start
2130	2361	Finish-Start
2130	2810	Finish-Start
2140	2160	Finish-Finish
2140	2340	Finish-Start
2140	2360	Finish-Start
2155	2120	Finish-Finish
2155	2140	Finish-Finish

Task Linkage		
Predecessor	Successor	Link Type
2160	2370	Finish-Start
2165	3130	Finish-Start
2165	3325	Finish-Start
2310	1300	Finish-Finish
2310	1400	Finish-Finish
2310	1500	Finish-Finish
2310	1600	Finish-Finish
2310	2360	Finish-Finish
2310	2370	Finish-Finish
2311	1300	Finish-Finish
2311	1400	Finish-Finish
2311	1500	Finish-Finish
2311	1600	Finish-Finish
2311	2360	Finish-Finish
2311	2370	Finish-Finish
2312	1300	Finish-Finish
2312	1400	Finish-Finish
2312	1500	Finish-Finish
2312	1600	Finish-Finish
2312	2360	Finish-Finish
2312	2370	Finish-Finish
2313	1300	Finish-Finish
2313	1400	Finish-Finish
2313	1500	Finish-Finish
2313	1600	Finish-Finish
2313	2360	Finish-Finish
2313	2370	Finish-Finish
2315	1300	Finish-Finish
2315	1400	Finish-Finish
2315	1500	Finish-Finish
2315	1600	Finish-Finish
2315	2360	Finish-Finish
2315	2370	Finish-Finish
2316	1300	Finish-Finish
2316	1400	Finish-Finish
2316	1500	Finish-Finish
2316	1600	Finish-Finish
2316	2360	Finish-Finish
2316	2370	Finish-Finish
2321	3321	Start-Start
2322	2510	Finish-Start
2322	3310	Finish-Start
2330	2510	Finish-Finish
2330	3505	Finish-Start
2340	2360	Finish-Finish
2340	2370	Finish-Finish
2360	2380	Finish-Start
2360	3710	Start-Start
2361	2321	Finish-Start
2370	2390	Finish-Start

Task Linkage		
Predecessor	Successor	Link Type
2370	3710	Start-Start
2380	2510	Finish-Start
2380	2530	Finish-Start
2390	2510	Finish-Start
2390	2540	Finish-Start
2510	2525	Finish-Start
2510	2530	Finish-Start
2510	2540	Finish-Start
2525	2165	Finish-Start
2525	2550	Finish-Finish
2530	2560	Finish-Start
2530	3160	Finish-Start
2540	2550	Finish-Start
2540	3160	Finish-Start
2550	2560	Finish-Start
2570	3130	Finish-Start
2570	3140	Finish-Start
2570	3160	Finish-Start
2810	2360	Finish-Finish
2810	2820	Finish-Finish
2820	2510	Finish-Finish
3130	3140	Finish-Finish
3130	3385	Finish-Start
3130	3390	Finish-Start
3130	3500	Finish-Start
3130	3510	Finish-Start
3130	3630	Finish-Start
3130	3655	Start-Start
3130	4100	Finish-Start
3140	3360	Finish-Start
3140	3365	Finish-Start
3150	3580	Finish-Start
3150	4450	Finish-Start
3160	3130	Finish-Start
3160	3140	Finish-Start
3160	3340	Finish-Start
3160	3520	Finish-Start
3310	3360	Finish-Finish
3320	2322	Finish-Finish
3321	2321	Finish-Finish
3321	3320	Finish-Start
3325	3520	Finish-Finish
3325	3530	Finish-Start
3325	3570	Finish-Finish
3330	3360	Finish-Finish
3340	3350	Start-Start
3340	3370	Finish-Start
3350	3520	Finish-Finish
3350	3522	Finish-Start
3360	3370	Finish-Finish
3360	3380	Finish-Start
3360	3552	Finish-Start
3360	3553	Finish-Start
3360	3554	Finish-Start

Task Linkage		
Predecessor	Successor	Link Type
3360	3555	Finish-Start
3360	3610	Finish-Start
3360	3670	Finish-Start
3360	3672	Finish-Start
3360	3675	Finish-Start
3360	3720	Start-Start
3365	3580	Finish-Start
3365	3585	Finish-Start
3365	3595	Finish-Start
3365	3615	Finish-Start
3370	3530	Finish-Start
3370	3535	Start-Start
3370	3570	Finish-Start
3375	3590	Finish-Start
3380	3395	Finish-Start
3385	3580	Finish-Finish
3390	3360	Finish-Finish
3395	3540	Finish-Start
3395	3580	Finish-Start
3505	3580	Finish-Finish
3510	3580	Finish-Finish
3520	3350	Start-Start
3520	3570	Finish-Finish
3522	3580	Finish-Finish
3530	3570	Finish-Finish
3535	3580	Finish-Finish
3540	3580	Finish-Finish
3551	3580	Finish-Finish
3552	3580	Finish-Finish
3553	3580	Finish-Finish
3554	3580	Finish-Finish
3555	3551	Finish-Start
3560	3590	Finish-Finish
3565	3580	Finish-Finish
3570	3650	Finish-Start
3580	3155	Start-Start
3580	3560	Finish-Start
3580	3590	Finish-Start
3580	3650	Finish-Start
3580	3822	Finish-Start
3580	3823	Finish-Start
3580	3824	Finish-Start
3580	3825	Finish-Start
3585	3680	Finish-Start
3585	3690	Finish-Start
3590	3600	Finish-Start
3595	3580	Finish-Start
3600	3800	Finish-Start
3600	3815	Finish-Start
3600	3821	Finish-Start
3600	3822	Finish-Start
3600	3823	Finish-Start
3600	3824	Finish-Start
3600	3830	Finish-Start
3600	3840	Finish-Start

Task Linkage		
Predecessor	Successor	Link Type
3600	3850	Finish-Start
3600	3860	Finish-Start
3610	3660	Finish-Start
3615	3580	Finish-Start
3630	3930	Finish-Start
3650	3658	Finish-Start
3655	3658	Finish-Start
3658	380M	Finish-Start
3660	3840	Finish-Finish
3670	3840	Finish-Finish
3672	3840	Finish-Finish
3675	3840	Finish-Finish
3680	3580	Finish-Finish
3680	3590	Finish-Finish
3690	2580	Finish-Finish
3710	3720	Finish-Finish
3720	3730	Finish-Start
3720	3840	Finish-Finish
3730	3840	Finish-Finish
3810	3870	Finish-Finish
3815	3850	Finish-Finish
3821	3840	Finish-Finish
3822	3840	Finish-Finish
3823	3840	Finish-Finish
3824	3840	Finish-Finish
3825	3821	Finish-Start
3830	3840	Finish-Finish
3840	3865	Finish-Start
3850	3840	Finish-Finish
3860	3840	Finish-Finish
3865	3870	Finish-Start
3870	3810	Start-Start
3870	3885	Finish-Start
3880	3910	Finish-Finish
3890	3865	Finish-Start
3910	3880	Start-Start
3910	3920	Finish-Start
3920	3930	Finish-Start
4100	4150	Finish-Start
4150	4350	Finish-Finish
4350	4450	Finish-Start
4350	4510	Start-Start
4510	4450	Finish-Finish

Milestone Linkage		
Predecessor	Successor	Link Type
1555	155M	Circular Link
2100	210M	Circular Link
2130	213M	Circular Link
2160	216M	Circular Link
2321	233M	Finish-Start
2340	234M	Circular Link
2360	236M	Circular Link
2370	237M	Circular Link
2380	238M	Circular Link
2390	239M	Circular Link
2510	250M	Circular Link
2510	251M	Circular Link
2530	253M	Circular Link
2540	254M	Circular Link
2550	255M	Circular Link
3360	311M	Circular Link
3130	312M	Circular Link
3395	332M	Circular Link
3370	337M	Circular Link
3370	357M	Circular Link
3600	352M	Circular Link
3660	360M	Circular Link
3660	361M	Circular Link
3885	380M	Finish-Start
3885	388M	Circular Link
3900	389M	Finish-Start
3900	391M	Circular Link
3920	392M	Circular Link
3930	393M	Circular Link
4150	413M	Circular Link
442M	380M	Finish-Start
4100	411M	Circular Link

Numbering Legend
 XXXX - Task number
 XXXM - Milestone number

Link Type Legend
 Start - Start - This link type represents each task starting at the same time
 Start - Finish - This link type represents one task finishing before the next task can start
 Finish - Finish - This link type represents each task finishing at the same time
 Circle Link - This link type represents each task both starting and finishing together



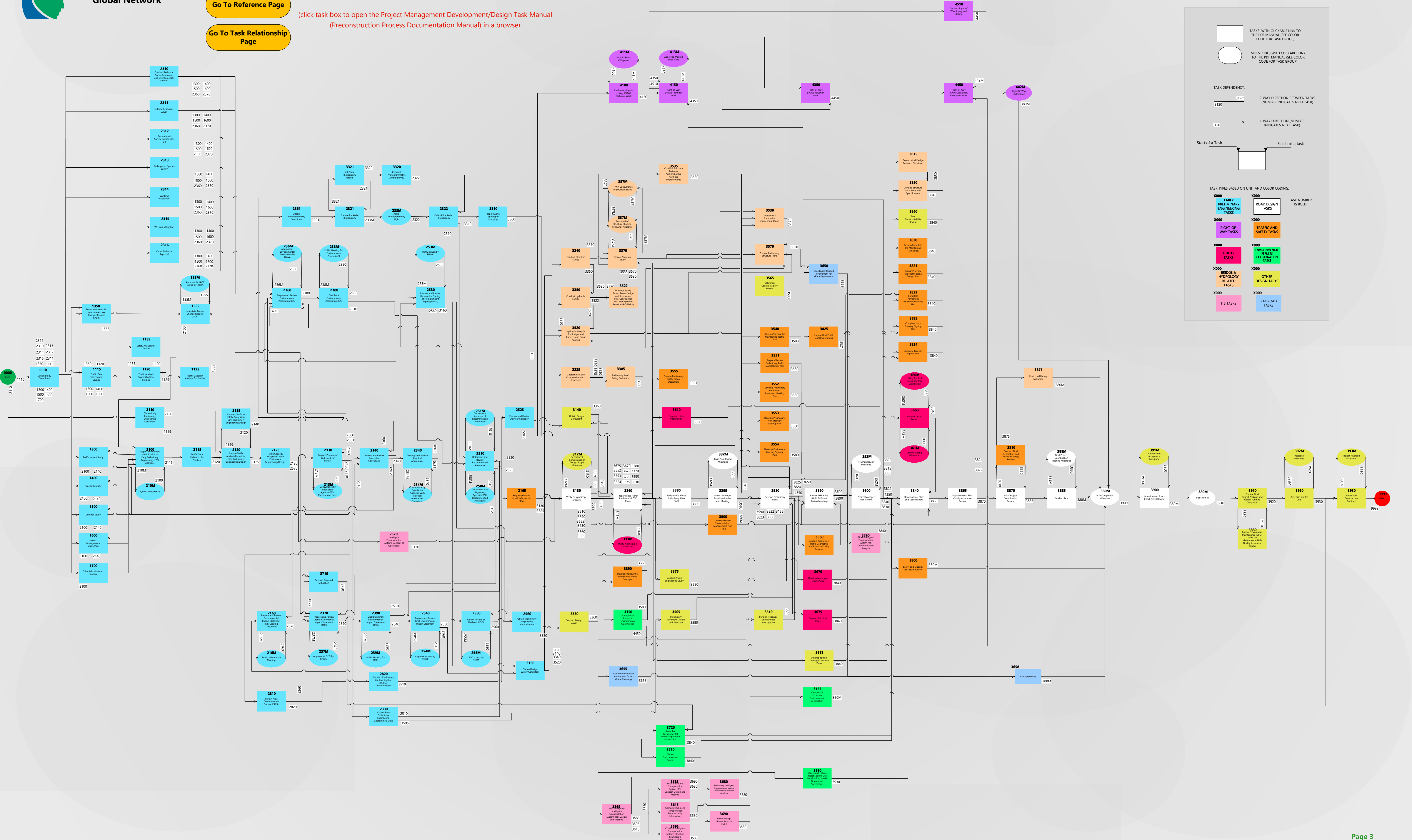
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(click task box to open the Project Management Development/Design Task Manual (Preconstruction Process Documentation Manual) in a browser)



TASKS WITH CLICKABLE LINK TO THE PDF MANUAL. (SEE COLOR CODE FOR TASK GROUP)

MILESTONES WITH CLICKABLE LINK TO THE PDF MANUAL. (SEE COLOR CODE FOR TASK GROUP)

TASK DEPENDENCY:

3120 → 3120 (2-WAY DIRECTION BETWEEN TASKS (NUMBER INDICATES NEXT TASK))

3120 → (1-WAY DIRECTION (NUMBER INDICATES NEXT TASK))

Start of a Task (downward arrow) Finish of a task (upward arrow)

TASK TYPES BASED ON UNIT AND COLOR CODING:

- 1000** EARLY PRELIMINARY ENGINEERING TASKS
- 2000** ROAD DESIGN TASKS
- 3000** TRAFFIC AND SAFETY TASKS
- 4000** ENVIRONMENTAL/PERMITS/COORDINATION TASKS
- 5000** UTILITY TASKS
- 6000** BRIDGE & HYDROLOGY RELATED TASKS
- 7000** OTHER DESIGN TASKS
- 8000** ITS TASKS
- 9000** RAILROAD TASKS

TASK NUMBER IS BOLD