



## MnSHIP/CHIP Guidance

## 2019-2028 CHIP

- First STIP and second CHIP to follow investment direction from the 2018-2037 MnSHIP
- FY 2019-2021 - Follows 2014-2033 MnSHIP
- FY 2022 - 2028 - Follows 2018-2037 MnSHIP
  - Additional investment categories being tracked
  - Shifts in investment priorities
  - Exception? – Mobility may continue into the future

# MnSHIP Changes

- New investment categories
  - Facilities
  - Jurisdictional Transfer
  - Greater MN Mobility (replaced IRC Mobility)
  - Freight
  - Small Programs
- New investment direction
  - Additional investment for pavement and accessible pedestrian infrastructure
  - Decreased in bridge and bicycle investment

# Possible Changes to New Investment Direction

- Additional funding and bonds passed in 2017
- Moves forward and/or upscales many pavement and bridge preservation projects
- Proposing to extend mobility investment through at least 2026
  - New general fund revenue to mobility (Projected auto parts sale tax revenues)
  - Move \$50 million from SPP-Pavement in FY 2024, 2025 and 2026 to mobility
- Address mobility's priority in next MnSHIP



# Coordination with ADA Office

- ADA Office is asked to present at CHIP Check-In Meeting this year on progress towards ADA substantial compliance
- Running analysis using last years CHIP as starting point
- ADA Office will receive FY 2028 recommended pavement project list from Materials Office
- Any adding, removing, or changing of projects should be communicated to ADA office (Todd Grugel and Dick Chng)
- Try to have project changes completed by May 7<sup>th</sup> to give them time before CHIP meeting



# Automate Formatting for Mapping

- Ruth Betcher in D6 shared her process that automates formatting the projects lists for mapping
- Erik Baxstrom is working to add an additional tab to the CHIP district project list spreadsheet which would cut the time needed to get maps ready
- Tab might not be ready by the time the ATIPs spreadsheets are release – can add after ATIPs are submitted
- If this work, we may be able to update maps during the summer as changes occur to projects



# Resource Distribution Method Updates

- Annual update to most recent data
- LRS transition finished
  - Updated TH lanes miles, VMT, and HCVMT available

Distribution Factor	Data Source	Weight
Non-Principal Arterial (NPA) Bridge Condition	2017 data for 2023-2028 bridge funding needs from RSL to reach 50% good, 8% poor	20%
NPA Pavement Condition	2017 data for 2023-2028 average annual funding needed to reach 60% good, 10% poor from Materials Pavement Model	20%
TH Lane Miles	2017 lanes miles from LRS (TDA)	30%
Vehicle Miles Traveled (VMT)	2016 VMT on all roads from LRS (TDA)	24%
Heavy Commercial VMT	2016 HCVMT (TH only) from LRS (TDA)	6%

## Columns Important to the CHIP

- Columns B-H and M-R: Project description and location columns
- Columns T-V and BA-BB: Data for mapping
- Columns BI-EH: MnSHIP tracking columns including investment categories columns



# Instructions for ATIP and CHIP Project Lists

- Enter in the following columns for each project
  - B: ATP
  - C: District
  - D: Route System
  - E: Route Number
  - H: #Year
  - I: CIP Plain Language Description
  - M: Description
  - N: Beg\_RP
  - O: End\_RP
  - R: County Name

# Instructions for ATIP and CHIP Project Lists

- Enter in the following columns for each project
  - T: Bridge numbers
  - U: Multi County
  - V: Route Direction
  - BA: Beg\_TrueMile
  - BB: End\_TrueMile

# Instructions for ATIP and CHIP Project Lists

- Enter in the following columns for each project
  - BI: MnSHIP Total
  - BJ: Investment Program
  - BK: MnSHIP Project Type
  - BL-EH: Investment Category Breakdowns

# MnSHIP Tracking Columns

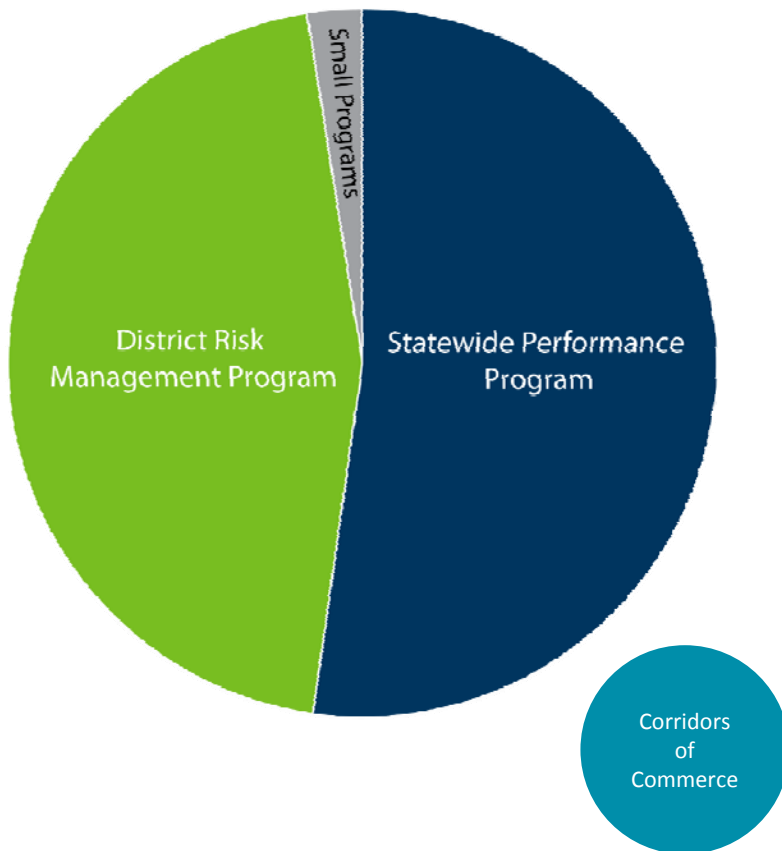
- Used for comparing investments in planned and programmed projects to MnSHIP investment direction
- Required only for MnDOT projects on the state highway system or where State Road Construction funds are being used
  - Projects on the state highway system facilitated by MnDOT; not locally led projects
  - Projects that use SRC dollars including District C
- Local projects using local dollars or ATP managed funds should not have these columns filled out
  - Examples include TAP, local STPBG funds, FTA funds, CMAQ,

# MnSHIP Total (Column BI)

- Enter estimated project construction cost (SRC dollars only)
- Local funds should not be considered in MnSHIP total
- Use year of construction dollars, using inflation rates.
- If it is helpful to you, unhide columns Z-AW in the CHIP workbook and use the appropriate federal or state columns for project funding source.

	B	BJ	BK	BL	BM	BN	BC
			Leave blank if federal or state	Pavement Condition			
	MnSHIP Total	Investment Program	MnSHIP Project	PC %	PC \$	C su	C su
	12,925,000	SPP	NHSPet				
lly TAP egio	2,690,000	DRMP	NHSB	23.644%	3,056,000		
	40,000	DRMP	DRMP-	3.717%	100,000		
	500,000	SPP		0.000%	-		
10-17 mts tC	3,000,000	DRMP	NHSB	13.000%	65,000		

# Investment Program (Column BJ)



- Statewide Performance Program (SPP)
  - Managed by MnDOT central and specialty offices
  - Investment distributed to districts based on statewide needs
  - Focuses on investment in the Interstate and remaining NHS
- District Risk Management Program (DRMP)
  - Managed at district level
  - Formula based distribution to districts
  - Mainly focuses on investment in non-NHS bridge and pavement projects
- Small Programs
  - District C funded projects
- Corridors of Commerce
  - Projects funded through Corridors of Commerce



# MnSHIP Project Type (Column BK)

- MnSHIP Project Types

- NHSP
- NonNHSP
- NHSB
- NonNHSB
- DRMP-HSIP
- NHSPerf
- SPP-Other
- DRMP-Other

- Project type relates to primary purpose of project

	BI	BJ	BK	BL	BM	BN	BC
			Leave Blank if fiscal year is	Pavement Condition			
Project	MnSHIP Total	Investment Program	MnSHIP Project Type	PC %	PC \$	C su	C su
	12,925,000	SPP	NHSPerf				
Region				23.644%	3,056,000		
Regionally TAP region	2,690,000	DRMP	NHSB				
				3.717%	100,000		
	40,000	DRMP	DRMP-				
				0.000%	-		
10-17 mts tC	500,000	SPP					
				13.000%	65,000		
	3,000,000	DRMP	NHSB				



# MnSHIP Project Type (Column BK)

- Small Programs and Corridors of Commerce – Do not select as project type, leave column blank
- SPP Project Types
  - NHSP – Pavement preservation projects or setaside amounts on the National Highway System. Doesn't include PM or BARC setasides.
  - NHSB - Bridge Preservation projects or setaside amounts on the National Highway System
  - NHSPerf - All projects planned for funding for Twin Cities or Greater MN Mobility on the NHS
  - SPP-Other – All other SPP projects such as Facilities, Jurisdictional Transfer, TED, or Freight Program projects

# MnSHIP Project Type (Column BK)

- DRMP Project Types
  - NonNHSP - Any other Pavement preservation projects or setaside amounts not on the National Highway System. Doesn't include PM or BARC setasides.
  - NonNHSB - Any other Bridge preservation projects or setaside amounts not on the National Highway System
  - DRMP-HSIP - All projects or project elements planned for funding through the HSIP program
  - DRMP-Other - All other projects or project elements, including all RCIP projects, Bike/Ped standalone projects or setasides, and Project Support/Project Delivery setasides using DRMP whether on the NHS system or not
- If DRMP dollars are flexed to a new NHS pavement or bridge project, use NHSP or NHSB as the project type

# Investment Category Breakdown (BL – EH)

- Four new columns added
  - Jurisdictional Transfer (Columns CA & CB)
  - Facilities (Column CC – CI)
  - Freight (DA & DB)
  - Small Programs (EA – EF)
- Use of Jurisdictional Transfer and Facilities columns start in FY 2022
- Freight should be used to categorize all funding in projects from the NHFP
- Small Programs should be used to categorize when District C funding is used on a project

# Investment Category Breakdown (BL – EH)

- Some project types cost can be categorized into a single investment category
- SPP-Other – Generally 100% Facilities, Jurisdictional Transfer, RCIP (TED) or Freight
- DRMP-HSIP - 100% Traveler Safety
- DRMP-Other - All other projects or project elements, including all Roadside Infrastructure projects, Bike/Ped standalone projects or setasides, and Project Support/Project Delivery setasides using DRMP whether on the NHS system or not
  - ADA stand-alone project – 100% Accessible Pedestrian Infrastructure
  - Culvert project – 100% Roadside Infrastructure Condition

# Investment Category Breakdown (BL – EH)

- Project Types
  - NHSP
  - NonNHSP
  - NHSB
  - NonNHSB
  - NHSPerf
- Project cost breakdowns to multiple categories
- Consider the purpose of the cost
  - Is this portion of the project addressing the condition of pavement in the travel lanes? – **Pavement Condition**
  - Is this portion of the project implementing a new safety improvement in the Twin Cities area? – **Traveler Safety**
  - Is this portion of the project addressing the condition of shoulders, culverts, signs, or existing guardrail? – **Roadside Infrastructure**

# Timeline for Guidance Development

- Discuss continuing mobility – December TPIC
- Update of DRMP resource distribution method – Early January
- CHIP guidance– January TPIC
- Release of guidance to the districts and update of SharePoint site – After TPIC approval

# Timeline for CHIP Production Process

- Updated CHIP guidance to the districts through SharePoint – Late January
- Draft District CHIP Project Lists due to OTSM – May 11<sup>th</sup>, 2018
  - Be communicating changes with Bridge, Materials, and ADA offices prior to submittal of draft CHIPS
  - Have project changes in place by May 7<sup>th</sup>
- CHIP Check-In Meeting in St. Cloud – May 16<sup>th</sup> or 17<sup>th</sup>, 2018
- Draft District CHIPS released for public outreach/comment – Mid-June
- Impact of Draft CHIP outcomes – June TPIC meeting
- Final District CHIP Project List due to OTSM – August 17<sup>th</sup>, 2018
- Final CHIP presented to TPIC – September TPIC meeting

Thank you! Questions?