

**SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION
RAPID CITY AREA MPO TRANSPORTATION IMPROVEMENT PROGRAM
REVISIONS/ADDITIONS**

Program Fiscal Year is October 1 Through September 30

MPO TIP REVISION: **24-001**

Committee Action Requested: **Approval**

SDDOT STIP REVISION: 24-003, 004, and 007

FUNDING CATEGORY: Major Arterial Projects

| ITEM# | PROJECT | PCN | LOCATION | IMPROVEMENT | YEAR | ORIG COST | REVISED COST | NET CHANGE |
|-------|----------------|------|--|-----------------------------|------|-----------|--------------|------------|
| 4.00 | NH 0016(105)61 | 09AE | US16E - Junction of US16 & Neck Yoke Rd (Reptile Gardens Entrance) | Construct Median Crossovers | 2024 | 1.392 | 0.000 | - 1.392 |

JUSTIFICATION: Combining the crossover work with the first phase of PCN 06X3 intersection realignment of Neck Yoke Road because the crossover is needed prior to working on mainline US16, thereby reducing impact to traveling public.

PROPOSED CHANGE: Delete Item #4.00 in MajArt Category as the work will be included under PCN 06X3.

| ITEM# | PROJECT | PCN | LOCATION | IMPROVEMENT | YEAR | ORIG COST | REVISED COST | NET CHANGE |
|-------|--------------------|------|--|---|------|-----------|--------------|------------|
| 38.00 | NH-PH-B 0016(91)60 | 06X3 | US16E - Intersection of US16 & Neck Yoke Rd (Reptile Gardens Entrance) | Grading, AC Surfacing, Replace Str Bridge | 2025 | 7.102 | 6.627 | - 0.475 |

PROPOSED CHANGE: Change the Work Description to "Grading, AC Surfacing, Replace Str Bridge, Construct Median Crossovers". Decrease the cost of Item #38.00 in MajArt Category to \$6.627. Change the MRMs on US16E to "61.00+0.000 - 62.18+0.000". Federal = \$5.145; State = \$1.482.

FUNDING CATEGORY: Roadway Safety Improvement

| ITEM# | PROJECT | PCN | LOCATION | IMPROVEMENT | YEAR | ORIG COST | REVISED COST | NET CHANGE |
|-------|------------------|------|--|--|------|-----------|--------------|------------|
| 65.00 | NH-PH-B 0016(91) | 06X3 | US16E - Intersection of US16 & Neck Yoke Rd (Reptile Gardens Entrance) | Grading, AC Surfacing, Replace Str Bridge, Construct Median Crossovers | 2025 | 9.434 | 11.818 | + 2.384 |

PROPOSED CHANGE: Add "Construct Median Crossovers" to work description. Change the MRMs on US16E to "61.00+0.000 - 62.18+0.000". Federal = \$10.074; State = \$1.744.

| ITEM# | PROJECT | PCN | LOCATION | IMPROVEMENT | YEAR | ORIG COST | REVISED COST | NET CHANGE |
|-------|--------------|------|---|--|------|-----------|--------------|------------|
| 36.10 | PH 0040(239) | 05GA | I90E and I90W at Various Locations on the State | Cold Plastics Durable Pavement Marking | 2024 | 0.000 | 1.421 | + 1.421 |

JUSTIFICATION: Construction plan delivery to SDDOT Bid Letting did not make FY2023 as originally scheduled in the 2023-2026 STIP, therefore the project needs to be deferred to FY2024.

PROPOSED CHANGE: Add to 2024 as Item #36.10 in the RSI Category at a cost of 1.421; Federal = \$1.279, State = \$0.143

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FUNDING CATEGORY: Local Bridge Replacement Projects

| ITEM# | PROJECT | PCN | LOCATION | IMPROVEMENT | YEAR | ORIG COST | REVISED COST | NET CHANGE |
|-------|----------------|------|---|---|------|-----------|--------------|------------|
| 0.90 | BRO-B 8052(72) | 085R | Structure 4.0 W & 5.3 N of Conata on Huether Rd over a Creek; Structure Number 52-896-490 | Structure, Approach Grading, PE (2020 Local Federal Bridge Replacement Program) | 2024 | 0.000 | 1.878 | + 1.878 |

JUSTIFICATION: One of several bridge replacements that were intended to be let in FY2023, however, plans and certifications did not meet the FY23 year-end deadline for the 2023-2026 STIP, therefore, the project needs to be deferred to 2024.

PROPOSED CHANGE: Add as Item #0.90 in LocalBridgeRepl Category at a cost of \$1.878. Federal = \$1.539; State = \$0.239, Local = \$0.100.

| | | | | |
|--|------|--|--|----------|
| Major Arterial Projects | 2024 | | | -\$1.392 |
| | 2025 | | | -\$0.474 |
| Roadway Safety Improvements | 2024 | | | +\$1.421 |
| | 2025 | | | +\$2.383 |
| Local Bridge Replacement | 2024 | | | +\$1.878 |
| | | | | |
| TOTAL CHANGE FOR REVISION 24-001 BY YEAR: | 2024 | | | +\$1.907 |
| | 2025 | | | +\$1.909 |

Approve

Disapprove

NAME:

Larry G. Larson 10/19/23

Executive Policy Committee Chair / Date

COMMENTS:

Approve

Disapprove

NAME:

SDDOT / Date

COMMENTS: