Sample Plan

STAGING PLAN -------- NARRATIVE

References:

Design Scene: Chapter 6 - Staging

Miscellaneous:

https://ihub.metro/design/coordinination.html Materials Coordination

General Information:

Prepare the staging plan in consultation with the appropriate groups including Traffic, Construction, Water Resources, Materials, municipalities, Area Engineer, Business Liaison, etc.

If applicable, consider bus lanes on shoulders through construction bottlenecks.

If applicable, consider computing and showing earthwork by stages.

Designer should give special attention to the need for temporary items such as paving, drainage, utilities, lighting, signage, IWS, Temporary Pedestrian Access Routes etc. and provide if necessary. Consider guardrail end treatments and connections to bridge rails (Design Specials) when traffic is diverted to the opposing traffic lanes when closing traffic in one direction.

Temporary erosion control measures may be shown on this sheet or on a separate erosion control plan. See Erosion Control Plan narrative and checklist.

Temporary Traffic control devices may be shown on this sheet or on a separate traffic control plan. See Traffic Control Plan narrative and checklist.

Consider staging needs for other transportation modes, e.g. pedestrian, bicycle, etc.

Consideration should be given to providing temporary attenuators during staged construction of projects as required to protect all temporary concrete barriers, pier caps, or other blunt ends. For major projects with complex staging requiring attenuators, try to use attenuator systems that can be easily salvaged and reused either on the project or by Maintenance. Generally, the Traffic Control Plan will address these issues.

Sample Plan

STAGING PLAN -------- CHECKLIST

___ 1. Legend
___ 2. Bar Scale
___ 3. Arrows representing traffic flow
___ 4. Cross-hatch construction and removal areas
___ 5. Label all roadways
___ 6. Represent inplace roadways with dashes
___ 7. Provide text when necessary
___ 8. Provide insets when necessary
___ 9. North arrow
___ 10. Label alignments
___ 11. Temporary portable concrete median barrier and Impact Attenuator
___ 12. See Erosion Control Checklist, if applicable
___ 13. See Traffic Control Checklist, if applicable
___ 14. Cross references to other sheets (as applicable)
___ 15. Drawn by and Checked by: Initials and Engineer’s Signature

STAGING PLAN NARRATIVE AND CHECKLIST

References:

Design Scene: Chapter 6 - Staging

Temporary erosion control measures may be shown on this sheet or on a separate erosion control plan. See Erosion Control Plan narrative and checklist.

Temporary Traffic control devices may be shown on this sheet or on a separate traffic control plan. See Traffic Control Plan narrative and checklist.

Consider staging needs for other transportation modes, e.g. pedestrian, bicycle, etc.

Consideration should be given to providing temporary attenuators during staged construction of projects as required to protect all temporary concrete barriers, pier columns, or other blunt ends. For major projects with complex staging requiring attenuators, try to use attenuator systems that can be easily salvaged and reused either on the project or by Maintenance. Generally, the Traffic Control Plan will address these issues.

Sample Plan

STAGING PLAN -------- CHECKLIST

___ 1. Legend
___ 2. Bar Scale
___ 3. Arrows representing traffic flow
___ 4. Cross-hatch construction and removal areas
___ 5. Label all roadways
___ 6. Represent inplace roadways with dashes
___ 7. Provide text when necessary
___ 8. Provide insets when necessary
___ 9. North arrow
___ 10. Label alignments
___ 11. Temporary portable concrete median barrier and Impact Attenuator
___ 12. See Erosion Control Checklist, if applicable
___ 13. See Traffic Control Checklist, if applicable
___ 14. Cross references to other sheets (as applicable)
___ 15. Drawn by and Checked by: Initials and Engineer’s Signature

STAGING PLAN NARRATIVE AND CHECKLIST

References:

Design Scene: Chapter 6 - Staging

Temporary erosion control measures may be shown on this sheet or on a separate erosion control plan. See Erosion Control Plan narrative and checklist.

Temporary Traffic control devices may be shown on this sheet or on a separate traffic control plan. See Traffic Control Plan narrative and checklist.

Consider staging needs for other transportation modes, e.g. pedestrian, bicycle, etc.

Consideration should be given to providing temporary attenuators during staged construction of projects as required to protect all temporary concrete barriers, pier columns, or other blunt ends. For major projects with complex staging requiring attenuators, try to use attenuator systems that can be easily salvaged and reused either on the project or by Maintenance. Generally, the Traffic Control Plan will address these issues.
STAGE 2 TRAFFIC
1. SWITCH INPLACE T.H. 5 E.B. AND W.B. TRAFFIC TO BYPASS NO. 3.
2. SWITCH INPLACE PRAIRIE CENTER DRIVE TRAFFIC TO TECHNOLOGY DRIVE, BYPASS NO. 3 AND PART OF BYPASS NO. 6.
3. OPEN ENTRANCE RIGHT OF PRAIRIE CENTER DRIVE STA. 59+50.
4. TECHNOLOGY DRIVE IS ALL OPEN TO TRAFFIC EXCEPT STA. 76+50 TO 80+00 WHICH WILL USE BYPASS NO. 3 SIGNALIZED INTERSECTION.
5. OPEN BYPASS NO. T TO RAMP D TRAFFIC.
6. ACCESS TO N.S.P. PROPERTY LT. #3, 78TH ST, STA. 19450 SMALL BE MAINTAINED DURING THE CONSTRUCTION.
7. RAMP A/RAMP A2 STA. 20400 TO STA. 20475 AND LOOP STA. 20400 TO 20475 HAVE BEEN DEDICATED TO RAMP D.
8. ALL OTHER INPLACE ROADWAYS WITH TRAFFIC IN STAGE 1, PHASE 2 ARE TO REMAIN OPEN TO TRAFFIC DURING STAGE 2 CONSTRUCTION.

STAGE 2 CONSTRUCTION
1. BEGIN CONSTRUCTION OF BRIDGE NO. 214A.
2. CONSTRUCT T.H. 212 E.B. STA. 1420+00 TO 1430+00, WITH SHOULDER LEFT OF STA. 1429+00 TO 1430+00.
3. CONSTRUCT T.H. 212 W.B. STA. 140+00 TO 1420+00.
4. CONSTRUCT TEMPORARY WIDENING LEFT OF T.H. 212 E.B. STA. 1420+00 TO 1430+00.
5. CONSTRUCT TEMPORARY WIDENING RIGHT OF T.H. 212 E.B. STA. 1430+00 TO 1450+00.
6. CONSTRUCT PRAIRIE CENTER DRIVE STA. 56+50 TO 70+00.
7. CONSTRUCT STA. 78 E.B. AND W.B. ENTHASMS SHALL BE ON COMPLETING THE POSITION FROM STA. 1400 TO THE EAST SO THAT SECTION CAN BE OPENED TO TRAFFIC AS SOON AS POSSIBLE.
8. RESTORE PRAIRIE CENTER DRIVE MEDIAN SOUTH OF STA. 50+00.
9. CONSTRUCT BYPASS NOS. 8 AND 9, INCLUDING TEMPORARY WIDENING OF T.H. 212 W.B. STA. 1420+00 TO 1422+00.
10. EXTEND CONSTRUCTION OF BYPASS NO. 3 AT NORTH END.
11. RELOCATE INPLACE SIGNAL SYSTEM AT T.H. 5 MAINLINE AND BYPASS NO. 3.
12. EXTEND INPLACE BOX CULVERT AT PURGATORY CREEK.

LEGEND
- PERMANENT CONSTRUCTION
- TEMPORARY CONSTRUCTION
- INPLACE PAVEMENT
- TRAFFIC FLOW
- SIGNAL SYSTEM
- PORTABLE CONCRETE MEDIAN BARRIER SITE NO.

STATE PROJ. NO. 0000-00 (T.H. 00) SHEET NO. 30 OF 84 SHEETS