### REVIEW LIST FOR PRELIMINARY PLANS

PLACE "CHECK MARK" BY APPLICABLE ITEMS ON THIS REVIEW LIST
PLACE "NA" BY NON-APPLICABLE ITEMS ON THIS REVIEW LIST

#### TITLE SHEET

1. **Location of Project is Complete and Accurate**
2. **County is shown**
3. **Type of work is complete and accurate**
4. **Graphic scales are shown for plan and profile sheets**
5. **Design data is shown**
6. **Vicinity map includes the following**
   - City and city limits
   - Interstate, U.S. and state routes
   - North arrow
   - Beginning and end of project
   - Title block
   - Offsite detours

7. **Project layout on numbered superimposed sheets includes**
   - Project alignment for all proposed construction, (L-Lines, Y-Lines, service roads, detours, etc.)
   - Existing roads and streets affected by construction but not a part of the project
   - Route numbers, survey line numbers, street names, etc.
   - Equalities shown on survey line used for length of project (check with equalities shown on plan sheets)
   - Proposed bridges and culverts 20'/6m and over
   - Streams and rivers
   - Railroads
   - City limits
   - State and county limits
   - Beginning and ending stations for each project
   - Beginning and end construction outside project limits
   - Destination points at beginning and ending of project
   - North arrow

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(8) Project number information includes the following:
   (A) T.I.P. number on left end of sheet (contract number on left end of sheet whenever the project becomes part of tentative letting list)
   (B) P.E. F.A. project number in project identification block (top right corner)
   (C) P.E. WBS element in project identification block (top right corner)

(9) Length of project correct
(10) Show plans prepared by: ________________________________
(11) Tentative R/W and letting dates
(12) Areas not part of project noted
(13) Clearing method note
(14) Check for design exception needs

Typical Sections
   (1) Pavement schedule corresponds with pavement design
   (2) Pavement compositions labeled to correspond with pavement schedule
   (3) Dimensions shown on pavement, subgrades, stabilization, shoulders, ditches, slopes, centerline to centerline, medians, sidewalks, utility strips, curb & gutter, etc.
   (4) Slopes shown on pavement, flexible pavement edge, shoulders, subgrade, ditches, hinge point grading, cuts and fills
   (5) Station to station shown with correct line reference
   (6) Stations are broken for bridges
   (7) Grading limit lines shown
   (8) Grade point shown on each typical section
   (9) Information related to future construction shown
   (10) Variable limits shown
   (11) Necessary notes of explanation shown

Plan Sheets
   (1) Beginning and ending stations are shown on first and last plan sheet to agree with title sheet and typical sections
   (2) Existing pavement width and type is shown
   (3) Grade lines and design correct
   (4) The following are shown on each plan and/or profile sheet:
      (A) North arrow
      (B) Bearings
      (C) Bench marks
      (D) Curve data with superelevation and runoff
      (E) Construction limits, berm ditches and lateral ditches
      (F) Property owners and property lines
(G) R/W, EASEMENT, CONTROL OF ACCESS BREAKS BY STATION AND DISTANCE

(H) ALL UTILITIES

(I) TEMPORARY EROSION CONTROL MEASURES THAT WILL REQUIRE ADDITIONAL R/W OR EASEMENTS

(J) STREETS, ROADS AND DRIVEWAYS

(K) DETOURS

(L) DISPOSITION OF OLD ROADS IF PROJECT IS A RELOCATION

(M) PROPOSED PAVEMENT AND RIGHT-OF-WAY WIDTHS AT THE BEGINNING AND END OF EACH SHEET

(N) Y-LINES WITH BEGINNING AND ENDING CONSTRUCTION STATIONS AND STATION TIES WITH MAIN LINE

(O) TRAFFIC DATA FOR INTERSECTIONS

(P) LIMITS OF PAVED SHOULDERS AT INTERSECTIONS

(Q) NOTES WHERE SIGHT DISTANCE GRADING IS REQUIRED AT INTERSECTIONS

(R) CROSS REFERENCE NOTES CORRECT

(S) SYMBOL DENOTING PAVEMENT REMOVAL LOCATIONS

(T) HYDRAULIC DATA (DRAINAGE AREA, FREQUENCY, ETC.)

(U) DRAINAGE

(V) ENSURE BASELINE DATA IS SHOWN WITH: POINT SYMBOL AND, POINT NUMBER

(W) REMEMBER TO TURN OFF HEU JURISDICTIONAL STREAMS AFTER VERIFICATION (L&S, USACE, ETC.).

INTERCHANGE SHEETS

(1) INTERCHANGE SHEETS PROPERLY MATCHED WITH ADJACENT PLAN SHEET WITH NO OVERLAPPING COVERAGE, IF POSSIBLE

(2) STRUCTURES CHECKED FOR VERTICAL AND HORIZONTAL CLEARANCES TO ASSURE THAT TIE POINTS AND CENTERLINE GRADES ARE CORRECT

(3) THE FOLLOWING INFORMATION CORRECTLY SHOWN ON THE INTERCHANGE DETAILS AND PROFILES:

(A) TRAFFIC DATA

(B) BAR SCALE

(C) ADDITIONAL ITEMS AS LISTED UNDER PLANS SHEETS

(4) CROSS-SECTION LAYOUT DETAIL/SHEAR POINT DIAGRAM (NOT ALWAYS REQUIRED FOR DIAMOND INTERCHANGE)

(5) SUFFICIENT SIGHT DISTANCE PROVIDED AT RAMP TERMINALS AND STRUCTURES

CROSS-SECTIONS

(1) GROUND LINE, STATIONS AND EXISTING CENTERLINE ELEVATIONS
(2) TEMPLATES SHOWING CUT AND FILL SLOPES, SLOPE TRANSITIONS, GUARDRAIL WIDENING, DITCHES, CHANNEL CHANGES, ETC.
(3) GEOLOGY REPORT REVIEWED TO ASSURE CONFORMITY WITH PLANS
(4) EARTHWORK COMPUTATIONS
(5) CROSS-SECTIONS CHECK TO ASSURE ADEQUATE SIGHT DISTANCES
(6) SCALE SHOWN ON EACH SHEET
(7) NOTE ON FIRST CROSS SECTION: "PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION" AND "DO NOT USE FOR RIGHT OF WAY ACQUISITION"

GUARDRAIL DESIGN
(1) GUARDRAIL SHOWN FOR BRIDGE PIERS, CULVERTS, LARGE PIPE, SIGN SUPPORTS AND OTHER FIXED OBJECTS
(2) GUARDRAIL SHOWN FOR PONDS, RIVERS AND OTHER WATER RELATED HAZARDS
(3) INVESTIGATE "FALSE CUTS"
(4) INVESTIGATE POSSIBLY FLATTENING SLOPES TO REDUCE GUARDRAIL

GENERAL
(1) T.I.P. NUMBER IS SHOWN ON ALL SHEETS
(2) PLANS ARE STAMPED "PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION" AND "DO NOT USE FOR RIGHT OF WAY ACQUISITION"
(3) A LIST OF FIELD INSPECTION QUESTIONS ARE ATTACHED TO FIELD INSPECTION LETTER FOR SUBMITTAL TO DIVISION ENGINEER
(4) AT THE TIME OF PRINTING AND DISTRIBUTION OF THE FINAL DESIGN FIELD INSPECTION/COMBINED FIELD INSPECTION PLANS, SEND AN ELECTRONIC COPY OF THE LATEST PRELIMINARY CONSTRUCTION COST ESTIMATE TO THE DIVISION CONSTRUCTION ENGINEER.
(5) AT THE TIME OF PRINTING AND DISTRIBUTION OF THE FINAL DESIGN FIELD INSPECTION/COMBINED FIELD INSPECTION PLANS, NOTIFY LOCATION & SURVEYS (L&S) CENTRAL OFFICE OF THE CURRENT DIRECTORY OF THE ELECTRONIC DESIGN PLANS (EMAIL TO UNIT HEAD IS SUFFICIENT).

DATE _____/_____/_____ CHECK LIST DONE BY: _______________________________
DATE _____/_____/_____ PLANS CHECKED BY: _______________________________