

**MAINTENANCE OF TRAFFIC GENERAL NOTES**

**TRAFFIC CONTROL GENERAL NOTES**

- 1 THE SUGGESTED MAINTENANCE OF TRAFFIC CONTROL DEPICTED HERE IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY THE IDOT HIGHWAY STANDARDS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MOST CURRENT VERSION), THE SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE INCLUDED IN THE COST OF THE LUMP SUM PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)" UNLESS OTHERWISE INDICATED IN THE PLAN OR SPECIAL PROVISIONS.
- 2 ALL CONSTRUCTION SIGNS, BARRICADES AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED, MAINTAINED AND REMOVED BY THE CONTRACTOR. DEVICES MUST BE IN A NEW OR LIKE NEW CONDITION. WHEN THE DEVICES BECOME WORN/DIRTY/FADED, THEY MUST BE REFURBISHED, CLEANED OR REPLACED.
- 3 ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, THE POST SHALL HAVE A REFLECTIVE 3 INCH X 6 INCH DELINEATOR INSTALLED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 4 SIGNS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL TYPE A AMBER FLASHING LIGHTS AS REQUIRED BY IDOT HIGHWAY STANDARDS, THE MUTCD AND AS DIRECTED BY THE ENGINEER. THE FIRST TWO WARNING SIGNS IN EACH DIRECTION MUST HAVE A MONO-DIRECTIONAL FLASHING BEACON ATTACHED TO THEM.
- 5 THE RESIDENT ENGINEER SHALL NOTIFY THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY CONTROL DEVICES.
- 6 THE CONTRACTOR SHALL INSTALL AND MAINTAIN PROPOSED AND TEMPORARY DRAINAGE SYSTEMS, AND EROSION CONTROL THROUGHOUT STAGE CONSTRUCTION DURING THE DURATION OF THE PROJECT.
- 7 THE CONTRACTOR SHALL USE TEMPORARY PAVEMENT MARKINGS ON SURFACES TO BE REMOVED AND IN AREAS THAT DO NOT CONFLICT WITH OTHER STAGES.
- 8 THE CONTRACTOR SHALL USE WET REFLECTIVE TEMPORARY TAPE, TYPE III, ON EXISTING SURFACES TO REMAIN, AREAS IN CONFLICT WITH OTHER STAGES, AND PERMANENT SURFACES. THIS WORK SHALL BE PAID FOR AS TEMPORARY PAVEMENT MARKING OF THE WIDTH SPECIFIED.
- 9 4 INCH SOLID WHITE PAVEMENT MARKING LINES SHALL BE USED TO DEFINE EDGE LINE WHERE CURB AND GUTTER DOES NOT EXIST.
- 10 4 INCH SOLID DOUBLE YELLOW PAVEMENT MARKING LINES ARE TO BE USED TO SEPARATE OPPOSING TRAFFIC LANES.
- 11 ALL DOUBLE YELLOW CENTERLINE MARKING LINES SHALL BE SPACED AT 11 INCHES CENTER TO CENTER.
- 12 24 INCH SOLID WHITE PAVEMENT MARKING LINES ARE TO BE USED FOR STOP BARS.
- 13 ALL TYPE II BARRICADES, DRUMS, AND VERTICAL BARRICADES SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS.
- 14 ALL TYPE II BARRICADES, VERTICAL PANELS, AND DRUMS SHALL BE SPACED AT MAXIMUM 50 FEET CENTER TO CENTER THROUGHOUT THE WORK ZONE, EXCEPT IN TAPER AREAS, GORE AREAS, AND ALONG CORNER RADII, WHERE THEY SHALL BE SPACED AT MAXIMUM 25 FEET CENTER TO CENTER.
- 15 ALL CONSTRUCTION WARNING SIGNS SHALL BE BLACK LEGEND ON ORANGE BACKGROUND.
- 16 ALL "ROAD CONSTRUCTION AHEAD" WARNING SIGNS W20-1103(0)-48 SHALL BE EQUIPPED WITH HIGH INTENSITY FLASHING LIGHTS.
- 17 EXISTING TRAFFIC SIGNS IN CONFLICT WITH STAGING SHALL BE REMOVED, RELOCATED OR COVERED AS DIRECTED BY THE ENGINEER.
- 18 DIRECTION INDICATOR BARRICADES SHALL BE USED AT TAPER LOCATIONS AS DIRECTED BY THE ENGINEER.
- 19 TYPE III BARRICADES SHALL HAVE TWO AMBER TYPE 'A' LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.
- 20 CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES AT ANY TIME.
- 21 AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL BACKFILL OR COVER ALL OPEN TRENCHES AND EXCAVATION HOLES IN ACCORDANCE WITH IDOT SAFETY ENGINEERING POLICY MEMORANDUM "SAFETY 4-08" IN ORDER TO PROVIDE A SAFE CONDITION FOR MOTORISTS AND THE PUBLIC DURING NON-WORKING HOURS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 22 CONTRACTORS ATTENTION IS DIRECTED TOWARDS IDOT SAFETY ENGINEERING POLICY MEMORANDUM "SAFETY 4-08". THE CONTRACTOR SHALL PROVIDE THE NEEDED CLEARANCE OR BACKFILL TO ALL DROPOFFS OR OTHER METHODS APPROVED BY THE ENGINEER TO MEET POLICY REQUIREMENTS IN AREAS WHERE TEMPORARY TRAFFIC BARRIER IS NOT PROPOSED BUT WOULD OTHERWISE BE REQUIRED IN ORDER TO PROVIDE A SAFE CONDITION FOR MOTORISTS AND THE PUBLIC. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 23 PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE LOCATED ON EACH APPROACH LEG TO THE RANDALL ROAD AT US ROUTE 20 (FOOTHILL ROAD) INTERSECTION THROUGHOUT THE DURATION OF THE PROJECT. THE EXACT LOCATION AND MESSAGE SHALL BE APPROVED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR CHANGEABLE MESSAGE SIGN.
- 24 SEE THE SPECIAL PROVISIONS UNDER "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)" FOR WORK RESTRICTIONS.
- 25 SEE THE SPECIAL PROVISIONS UNDER "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)" FOR REQUIREMENTS FOR REMOVAL OF SIGN PANELS, POSTS, FOUNDATIONS AND RELATED APPURTENANCES.
- 26 ROUGH GROOVED SURFACE (RGS) AND FRESH OIL SIGNS ARE REQUIRED WHEN APPLICABLE.
- 27 ROAD CONSTRUCTION AHEAD (RCA) SIGNS ARE REQUIRED ON ALL SIDE STREETS APPROACHING THE WORK ZONE AND SHOULD BE COMPLEMENTED WITH THE APPROPRIATE DIRECTIONAL ARROW. ADVANCED WARNING SIGNS ARE REQUIRED TO BE INSTALLED ON BROOKSIDE DRIVE DURING CONSTRUCTION.
- 28 CONTRACTOR SHALL INSTALL STABILIZED CONSTRUCTION ENTRANCES AT LOCATIONS AGREED UPON WITH THE ENGINEER. STABILIZED CONSTRUCTION ENTRANCES WILL BE PAID FOR AS SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE.

- 29 QUANTITY FOR TEMPORARY CONCRETE BARRIER HAS BEEN PROVIDED ON FOOTHILL ROAD FOR USE AS DIRECTED BY THE ENGINEER.
- 30 THE CONTRACTOR IS RESPONSIBLE FOR STAGING CONSTRUCTION OPERATIONS IN A SEQUENCE SUCH THAT FURNISHED EXCAVATION WILL NOT BE REQUIRED OR PAID FOR. SHOULD THE CONTRACTOR PROVIDE FURNISHED EXCAVATION, NO COMPENSATION WILL BE ALLOWED.

**SUGGESTED STAGING SEQUENCE**

**PRE-STAGE**

**CONSTRUCTION:**

- 1 CONSTRUCT TEMPORARY PAVEMENT.
- 2 EXCAVATION FOR DETENTION AREA CAN BEGIN
- 3 INSTALL TEMPORARY SIGNALS
- 4 DO NOT CONSTRUCT HMA SURFACE COURSE.

**TRAFFIC:**

- 1 INTERSECTION WILL OPERATE AS A SIGNAL CONTROLLED INTERSECTION.
- 2 UTILIZE TRAFFIC CONTROL STANDARDS LISTED IN SPECIAL PROVISIONS, THE MUTCD AND AS DIRECTED BY THE ENGINEER.

**STAGE 1**

**CONSTRUCTION:**

- 1 CONSTRUCTION ACTIVITIES ON US ROUTE 20, RANDALL ROAD AND FOOTHILL ROAD FOR PAVEMENT WIDENING AND RECONSTRUCTION.
- 2 CONSTRUCT DETENTION AREA IN THIS STAGE.
- 3 INSTALL PROPOSED TRAFFIC SIGNALS AT WORK ZONE PROVIDED AREAS. MODIFY TEMPORARY SIGNALS.
- 4 INSTALL GUARDRAIL
- 5 EXTEND DRAINAGE PIPES AT WORK ZONE PROVIDED AREAS.
- 6 DO NOT CONSTRUCT HMA SURFACE COURSE.

**TRAFFIC:**

- 1 INTERSECTION WILL OPERATE AS A SIGNAL CONTROLLED INTERSECTION.
- 2 TRAFFIC SHIFTED, LANE WIDTHS REDUCED, SPEED LIMIT REDUCED 10 MPH ON RANDALL ROAD

**STAGE 1A**

**CONSTRUCTION:**

- 1 CONSTRUCTION ACTIVITIES ON FOOTHILL ROAD FOR PAVEMENT WIDENING AND RECONSTRUCTION
- 2 INSTALL PROPOSED TRAFFIC SIGNALS AT WORK ZONE PROVIDED AREAS. MODIFY/REMOVE TEMPORARY SIGNALS.
- 3 EXTEND DRAINAGE PIPES AT WORK ZONE PROVIDED AREAS.
- 4 DO NOT CONSTRUCT HMA SURFACE COURSE.

**TRAFFIC:**

- 1 INTERSECTION WILL OPERATE AS A SIGNAL CONTROLLED INTERSECTION.
- 2 TRAFFIC SHIFTED, LANE WIDTHS REDUCED, SPEED LIMIT REDUCED 10 MPH ON RANDALL ROAD

**STAGE 2**

**CONSTRUCTION:**

- 1 CONSTRUCTION ACTIVITIES ON US ROUTE 20 FOR PAVEMENT WIDENING AND RECONSTRUCTION
- 2 CONSTRUCT MEDIAN ISLANDS
- 3 MODIFY/REMOVE TEMPORARY SIGNALS AS NEEDED.
- 4 DO NOT CONSTRUCT HMA SURFACE COURSE.

**TRAFFIC:**

- 1 INTERSECTION WILL OPERATE AS A SIGNAL CONTROLLED INTERSECTION.
- 2 TRAFFIC SHIFTED, LANE WIDTHS REDUCED, SPEED LIMIT REDUCED 10 MPH ON RANDALL ROAD

**STAGE 3**

**CONSTRUCTION:**

- 1 CONSTRUCT ISLANDS ON WEST LEG OF INTERSECTION
- 2 INSTALL PROPOSED TRAFFIC SIGNALS AT WORK ZONE PROVIDED AREAS. REMOVE TEMPORARY SIGNALS.
- 3 MILL EXISTING HMA PAVEMENT AS NEEDED FOR OVERLAY.
- 4 PLACE HMA SURFACE COURSE.
- 5 COMPLETE FINAL PAVEMENT MARKINGS.

**TRAFFIC:**

- 1 INTERSECTION WILL OPERATE AS A SIGNAL CONTROLLED INTERSECTION.
- 2 CLOSE LEFT HAND TURN LANE ADJACENT TO THE MEDIAN OF THE WEST LEG OF THE INTERSECTION TO ACCOMMODATE TRUCK TURNING MOVEMENTS
- 3 ADDITIONAL BARRICADES, SIGNING AND TRAFFIC CONTROL DEVICES WILL BE NEEDED TO FACILITATE INTERSECTION OPERATIONS.
- 4 UTILIZE TRAFFIC CONTROL STANDARDS LISTED IN SPECIAL PROVISIONS, THE MUTCD AND AS DIRECTED BY THE ENGINEER.

-DENOTES ITEMS AND WORK, NOT PAID FOR SEPARATELY.

PLAN	DATE
NO. _____	_____
BY _____	_____
REVISIONS	DATE
PLOTTED _____	_____
ALIGNMENT CHECKED _____	_____
GRADES CHECKED _____	_____
DATE NOTED _____	_____
STATIONING NOTED _____	_____
FILE NO. _____	_____

PROFILE	DATE
NO. _____	_____
BY _____	_____
REVISIONS	DATE
PLOTTED _____	_____
GRADES CHECKED _____	_____
DATE NOTED _____	_____
STATIONING NOTED _____	_____
FILE NO. _____	_____

FILE NAME = D1157287-SHT-MOT-02.DGN

USER NAME = dwang

DESIGNED - DW

REVISED -

DRAWN - DW

REVISED -

PLOT SCALE = 1/8"=1'-0"

CHECKED - JC

REVISED -

PLOT DATE = 10/25/2011

DATE - 05-06-2011

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RANDALL ROAD AT US ROUTE 20 (FOOTHILL ROAD)  
SUGGESTED MOT GENERAL NOTES**

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00345-00-CH	KANE	92	21
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63623	