

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PRE-STAGE I

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE EDGE OF PAVEMENT ON BOTH SIDES OF ILL. RT. 129 (STA. 92+00 TO 105+24) AND ILL. RT. 113 (STA. 31+15 TO 37+02), AND ALONG THE EDGE OF PAVEMENT ON THE NORTH WEST SIDE OF ILL. RT. 53 (STA. 157+65 TO STA. 171+62).

INSTALL THE PROPOSED DRAINAGE SYSTEM ALONG THE EAST SIDE OF ILL. RT. 129 AND WEST SIDE OF ILL. RT. 53, AND WHERE INDICATED ON THE PLANS.

INSTALL THE PROPOSED PAVEMENT (AS INDICATED IN THE APPLICABLE TYPICAL SECTIONS) ALONG EACH LEG WHERE SHOWN ON THE PLANS, DO NOT INSTALL THE PROPOSED CURB AND GUTTER, OR DO ANY WORK OFF THE EDGE OF PAVEMENT WHERE TEMPORARY PAVEMENT IS REQUIRED.

INSTALL PROPOSED AGGREGATE SUBGRADE 12", HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2" IN AREA (A, B) WHILE CONSTRUCTION AREA "A" ALLOW SOUTHBOUND TRAFFIC ON ILL. RT. 129 TO TURN RIGHT ONTO WESTBOUND ILL. RT. 113, AREA "B", ALLOW NORHTBOUND TRAFFIC ON ILL. RT. 129 TO TURN LEFT ONTO WESTBOUND ILL. RT. 113. THIS WORK SHALL BE DONE USING TRAFFIC CONTROL AND PROTECTION, STANDARD 701201.

INSTALL TEMPORARY PAVEMENT, 10" AT NORTHEAST AND SOUTHEAST CORNER OF ILL. RT. 113 AND ILL. RT 129 WHERE SHOWN ON THE PRE-STAGING PLANS, AND INSTALL PROPOSED, AGGREGATE SUBGRADE, 12", HOT-MIX ASPHALT BINDER COURSE, IL- 19, N70, 1 1/2" IN AREA (C,D) WHILE CONSTRUCTION AREA "C", ALLOW WESTBOUND TRAFFIC ON ILL. RT. 113 GOING THROUGH LANES AND SOUTHBOUND TRAFFIC ON ILL. RT. 129 TO TURN LEFT ONTO WESTBOUND ILL. RT. 113. AREA "D", ALLOW EASTBOUND TRAFIC ON ILL. RT. 113 GOING THROUGH LANES AND NORTHBOUND TRAFFIC ON ILL. RT. 129 GOING THROW. THIS WORK SHALL BE DONE USING TRAFFIC CONTROL AND PROTECTION, STANDARD 701201.

INSTALL PROPOSED AGGREGATE SUBGRADE, 12", HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2" IN AREA (E, F) WHILE CONSTRUCTION AREA "E" ALLOW SOUTHBOUND TRAFFIC AN ILL. RT. 53, AND WESTBOUND ILL. RT. 113 GOING THROUGH LANES, ALSO SOUTHBOUND ILL. RT. 53 TURN RIGHT ONTO WESTBOUND ILL. RT. 113. THIS WORK SHALL BE DONE USING TRAFFICCONTROL AND PROTECTION STANDARD, 701201.

INSTALL THE PROPOSED DRAINAGE SYSTEM ALONG THE EAST SIDE OF ILL. RT. 129 AND WEST SIDE OF ILL. RT. 53, AND WHERE INDICATED ON THE PLANS.

INSTALL TRAFFIC SIGNALS IN THEIR PROPOSED LOCATIONS OFF THE EDGE OF PAVEMENT. THE INTERSECTIONS WILL STAY STOP CONTROLLED UNTIL STAGE I.

STAGE I

USING WET REFLECTIVE TAPE, RESTRIPE ILL. RT. 113, ILL. RT. 129 AND ILL. RT. 53 FROM THE NEW EDGE OF PAVEMENT (PROPOSED, TEMPORARY OR EXISTING) AS SHOWN ON THE PLANS.

THE INTERSECTION OF ILL. RT. 113 AND ILL. RT. 129 SHALL BE CHANNELIZED WITH TWO ELEVEN FOOT THROUGH LANES AND AN ELEVEN FOOT LEFT TURN LANE IN EACH DIRECTION.

THE INTERSECTION OF ILL. RT. 113 AND ILL. RT. 53 SHALL HAVE TWO ELEVEN FOOT THROUGH LANES ON THE EAST LEG OF ILL. RT. 113 AND THE SOUTH LEG OF ILL. RT. 53. THE NORTH LEG OF ILL. RT. 53 WILL HAVE TWO TWELVE FOOT THROUGH LANES, AND THE WEST LEG OF ILL. RT. 113 WILL HAVE TWO ELEVEN FOOT THROUGH LANES AND AN ELEVEN FOOT RIGHT TURN LANE.

TURN ON TEMPORARY TRAFFIC SIGNALS FOR BOTH INTERSECTIONS (ILL. RT. 113 @ ILL. RT. 129 AND ILL. RT. 113 @ ILL. RT. 53).

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE EDGE OF THE EASTBOUND LANE OF ILL. RT. 113 (STA. 37+00 TO STA. 42+59).

INSTALL THE PROPOSED ROADWAY (AS INDICATED IN THE APPLICABLE TYPICAL SECTION) ALONG THIS STRETCH OF ILL. RT. 113 AND SOUTHEAST CORNER OF INTERSECTION (AREA "6"). WHILE CONSTRUCTING AREA "G", ALLOW NORTHBOUND TRAFFIC ON ILL. RT. 113 TO TURN RIGHT ONTO EASTBOUND ILL. RTE. 113 USING THE PAVEMENT CONSTRUCTED EARLIER IN STAGE I.

STAGE Ia

SHIFT THE EASTBOUND TRAFFIC ON ILL. RT. 113 (STA. 37+00 TO STA. 42+59) ONTO THE NEWLY CONSTRUCTED PAVEMENT AS AN ELEVEN FOOT THROUGH LANE. LEAVE THE WESTBOUND TRAFFIC IN THE SAME CONFIGURATION AS STAGE I.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II BETWEEN THE TWO THROUGH LANES ON ILL. RT. 113 AND CONSTRUCT THE PROPOSED ROADWAY.

INSTALL THE PROPOSED ROADQAY (AS INDICATED IN THE APPLICABLE TYPICAL SECTION ALONG THIS STRETCH OF ILL. RT. 113.

STAGE Ib

SHIFT THE WESTBOUND TRAFFIC ON ILL. RT. 113 ONTO THE NEWLY CONSTRUCTED PAVEMENT AS AN ELEVEN FOOT THROUGH LANE. LEAVE THE EASTBOUND TRAFFIC IN THE SAME CONFIGURATION IT WAS IN FOR STAGE IA.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ON THE NORTH EDGE OF THE WESTBOUND TRAVEL LANE AND CONSTRUCT THE REMAINING PROPOSED ROADWAY ON ILL. RT. 113 (STA. 37+00 TO 42+59) AND NORTHEAST CORNER OF INTERSECTION (AREA "H"), WHILE CONSTRUCTING AREA "H", ALLOW WESTBOUND TRAFFIC ON ILL. RT. 113 TO TURN RIGHT ONTO NORHTBOUND ILL. RTE. 53 USING THE PAVEMENT CONSTRUCTED EARLIER IN STAGE IB.

STAGE II

TURN ON TEMPORARY TRAFFIC SIGNALS FOR BOTH INTERSECTIONS (ILL. RT. 113 @ ILL. RT. 129 AND ILL. RT. 113 @ ILL. RT. 53).

THE LANE WIDTHS ARE 11' EACH FOR THE WEST, AND SOUTH LEGS OF THE INTERSECTION, AND 12' EACH FOR THE EAST AND NORTH LEG OF THE INTERSECTION (ILL. RT. 53).

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE EDGE OF THE TEMPORARY NORTHBOUND LANE OF ILL. RT. 53 (SEE PLANS FOR EXACT LOCATIONS).

INSTALL THE REMAINING DRAINAGE STRUCTURES ALONG THE EAST SIDE OF ILL. RT. 53 (SEE PLANS FOR EXACT LOCATIONS).

INSTALL THE PROPOSED ROADWAY (SEE TYPICAL SECTIONS FOR DETAILS) ALONG THE CLOSED PORTION OF ILL. RT. 53 (STA. 157+65 TO STA. 171+62).

STAGE IIa

SHIFT NORTHBOUND TRAFFIC ONTO THE NEWLY CONSTRUCTED PAVEMENT ON IL. RT. 53.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II AROUND THE WORK ZONE BETWEEN THE NORTHBOUND AND SOUTHBOUND TRAVEL LANES AND THE LEFT TURN LANE IN THE EAST, WEST AND SOUTH LEG OF THE INTERSECTION, ALSO NO LEFT TURN ON THE NORTH LEG AT ILL. RT.53.

INSTALL THE PROPOSED ROADWAY (SEE TYPICAL SECTIONS FOR DETAILS).

STAGE IIb

SHIFT THE TURN LANES ON EACH SIDE ONTO THE NEWLY CONSTRUCTED PAVEMENT ON ILL. RT. 53.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II AROUND THE NEW WORK ZONE BETWEEN THE LEFT TURN LANES AND THE SOUTHBOUND THROUGH LANES (STA. 162+00 TO 168+00). THE MIN. WIDTH OF THE WORK ZONE WILL BE ELEVEN FEET.

INSTALL THE PROPOSED ROADWAY (SEE TYPICAL SECTIONS FOR DETAILS).

STAGE IIc

*NOTE: THIS JOB INCLUDES A RAILROAD CROSSING WHICH NEEDS TO BE REPAIRED SO FOR A TIME ILL. RT. 113 WILL HAVE TO BE CLOSED BETWEEN ILL. RT. 129 AND ILL. RT. 53 (SEE STAGE IIC). WE ARE REQUESTING A 14 DAY CLOSURE FOR THIS WORK SO THAT SECTION OF IL 113 CAN BE BUILT WHILE THE RAILROAD WORK IS BEING DONE.

SHIFT THE SOUTHBOUND THROUGH LANES ONTO THE NEWLY CONSTRUCTED PAVEMENT ON IL 53.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE WESTERN EDGE OF THE SOUTHBOUND LANES (STA. 162+00 TO 168+00) ON IL 53, AND ALONG THE EDGE OF THE TEMPORARY LANES (STRIPED IN STAGE I) ON BOTH SIDES OF ILL. RT. 113 (STA. 34+72 TO STA. 36+90).

INSTALL THE PROPOSED ROADWAY IN THE WORK ZONE ALONG IL 53 AND IL 113 (SEE TYPICAL SECTIONS FOR DETAILS).

INSTALL THE PROPOSED PCC SIDEWALK, 5" ON THE EAST AND WEST EDGE OF ILL. RT. 113. (SEE TYPICAL SECTION FOR DETAILS).

STAGE III

RESTRIPE THE PAVEMENT WITH WET REFLECTIVE MARKING SO THE INTERSCION OF ILL. RT. 113 AND ILL. RT. 129 IS FULLY CHANNELIZED WITH ONE THROUGH LANES IN EACH DIRECTION AND ONE LEFT TURN LANE ON EACH LEG. EXDEPT ON ILL. RT. 129 (NORTHBOUND OF SOUTH LEG) HAS RIGHT TURN.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE EAST EDGE OF THE TEMPORARY NORTHBOUND LANES ON IL 129 (STA. 91+42 TO STA. 97+20, AND FROM STA. 99+47 TO STA. 105+24), STRIPED IN STAGE II, AND ALONG BOTH SIDES OF IL 113.

INSTALL THE PROPOSED ROADWAY IN THE WORK ZONE ALONG IL 129 (SEE TYPICAL SECTIONS FOR DETAILS).

INSTALL THE POPOSED HOT-MIX ASPHALT SHOULDER 4' AND PROPOSED AGGREGATE SHOULDER 4', TYPE B FROM STA. 91+42 TO 97+10 (RT), ON NORHTBOUND OF ILL. RT. 129.

STAGE IIIa

SHIFT NORTHBOUND TRAFFIC ONTO THE NEWLY CONSTRUCTED PAVEMENT OF IL 129.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II AROUND THE NEW WORK ZONE BETWEEN THE NORTHBOUND THROUGH LANES AND THE LEFT TURN LANES ON IL 129 (STA. 94+12 TO STA. 98+25 AND FROM STA. 98+45 TO STA. 102+54) AND TAPER FROM (STA. 91+42 TO STA. 94+12 AND STA. 102+54 TO STA. 103+35). THE TOTAL WIDTH OF THE WORK ZONE WILL BE ELEVEN FEET.

INSTALL THE PROPOSED ROADWAY (SEE TYPICAL SECTIONS FOR DETAILS).

STAGE IIIb

SHIFT THE TURN LANES ONTO THE NEWLY CONSTRUCTED PAVEMENT OF IL 129.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II AROUND THE NEW WORK ZONE BETWEEN THE SOUTHBOUND THROUGH LANES AND LEFT TURN LANES ON IL 129 (STA. 157+65 TO STA. 171+62). THE TOTAL WIDTH OF THE WORK ZONE WILL BE ELEVEN FEET.

INSTALL THE PROPOSED ROADWAY (SEE TYPICAL SECTIONS FOR DETAILS).

STAGE IIIc

SHIFT THE SOUTHBOUND THROUGH LANES ONTO THE NEWLY CONSTRUCTED PAVEMENT OF IL 129.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE WEST EDGE OF TEMPORARY SOUTHBOUND LANE ON IL 129 (STA. 92+00 TO STA. 105+24) AND ALONG THE TEMPORARY EDGES OF IL 113 (STA. 30+90 TO STA. 33+65). ALSO, BLOCK OFF THE EASTERN HALF OF MITCHELL ST. FROM THE CENTER LINE.

INSTALL THE PROPOSED ROADWAY ALONG IL 129, IL 113 AND MITCHELL ST. IN THE WORK ZONE (SEE TYPICAL SECTIONS FOR DETAILS).

REMOVE PROPOSED TEMPORARY PAVEMENT, 10" (SEE STAGE IIIC PLANS FOR DETAILS).

STAGE IV

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG THE CENTERLINE OF IL 113 AND SHIFT TRAFFIC ONTO THE NORTH SIDE OF THE ROADWAY, ACCOMMODATING TWO ELEVEN FOOT THROUGH LANES AND LEFT TURN LANES ON ILL 129 (STA. 29+00 TO 32+20.9).

LEAVE THE NORTH LEG, SOUTH LEG, AND EAST LEG ON IL 113 AND ILL 129, TRAFFIC IN THE SAME CONFIGURATION AS STAGE III.

LEAVE THE NORHT LEG, SOUTH LEG, EAST LEG, AND WEST LEG ON IL 113 AND IL 53 TRAFFIC IN THE SAME CONFIGURATION AS STAGE III.

PROGRAM THE TRAFFIC SIGNAL TO THE PROPOSED CONFIGURATION.

INSTALL THE PROPOSED ROADWAY ALONG IL 113 IN THE WORK ZONE (SEE TYPICAL SECTIONS FOR DETAILS)

TAPER THE TEMPORARY TRAFFIC LANES ON IL 113 TO MATCH THE INTERSECTION LAYOUT OF IL 113 @ IL 53 THAT WAS COMPLETED IN STAGE II.

INSTALL THE PROPOSED ROADWAY ALONG IL 113 IN THE WORK ZONE (SEE TYPICAL SECTIONS FOR DETAILS).

BUILD THE PROPOSED MEDIAN ON IL 113 (STA. 34+29 TO STA. 34+72).

STAGE IVa

SHIFT EASTBOUND AND WESTBOUND TRAFFIC ON IL 113 ONTO THE NEWLY CONSTRUCTED PAVEMENT.

RESTRIPE THE PAVEMENT SO THE INTERSECTION OF IL 113 AND IL 129 IS FULLY CHANNELIZED AND HAS TWO ELEVEN FOOT THROUGH LANES AND ONE ELEVEN FOOT LEFT TURN LANE ON EACH LEG.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II ALONG IL 113 ELEVEN FEET NORTH OF THE CENTERLINE (STA. 29+00 TO 32+50). ALSO, BLOCK OFF THE WESTERN HALF OF MITCHELL ST. FROM THE CENTER LINE.

INSTALL THE PROPOSED ROADWAY ALONG IL 113 AND MITCHELL ST (SEE TYPICAL SECTIONS FOR DETAILS).

STAGE IVb

SHIFT WESTBOUND TRAFFIC ON IL 113 ONTO THE NEWLY CONSTRUCTED PAVEMENT.

SET UP TRAFFIC CONTROL BARRIERS, TYPE II AROUND THE NEW WORK ZONE, BETWEEN THE WESTBOUND THROUGH LANE AND THE LEFT TURN LANE (STA. 29+00 TO STA. 33+55).

INSTALL THE PROPOSED ROADWAY (SEE TYPICAL SECTIONS FOR DETAILS).

STAGE V

MILL THE EXISTING SURFACE, 2 1/2" ON ILL. RT. 113 (STA. 29+00 TO STA. 31+55), ILL. RT. 129 (STA. 91+42 TO 94+12) AND STA/ 102+54 TO STA. 105+24.1) AND ILL. RT. 53 (STA. 157+65 TO STA. 160+00 AND STA. 168+00).

INSTALL 1.5 INCHES OF HOT-MIX ASPHALT COURSE MIXTURE "D", N70, AND POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL - 4.75, N70, 1", FOR THE VARIABLE WIDENING AND RESURFACING (SEE PROPOSED SHEETS FOR LOCATION).

INSTALL 2 INCHES OF HOT-MIX ASPHALT SURFACE COURSE, MIXTURE "D", N70 FOR THE RECONSTRUCTION AREA (SEE PROPOSED SHEETS FOR LOCATION).

PROPOSED FINAL PAVEMENT MARKING, LANDSCAPING OPERATION AND ALL INCIDENTAL AND COLLATERAL WORK USING THE APPROPRIATE TRAFFIC CONTROL STANDARDS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS 113 AT
ILLINOIS 129 AND ILLINOIS 53

SUGGESTED STAGING NOTES

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY

DATE

PLOT DATE = 6/29/2007
PLOT SCALE = 50/8000
USER NAME = hmdonah

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