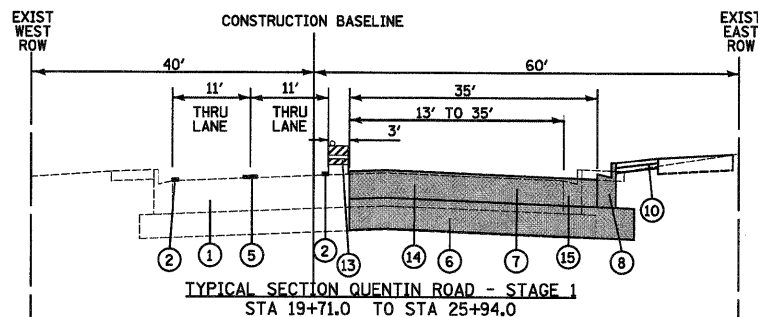
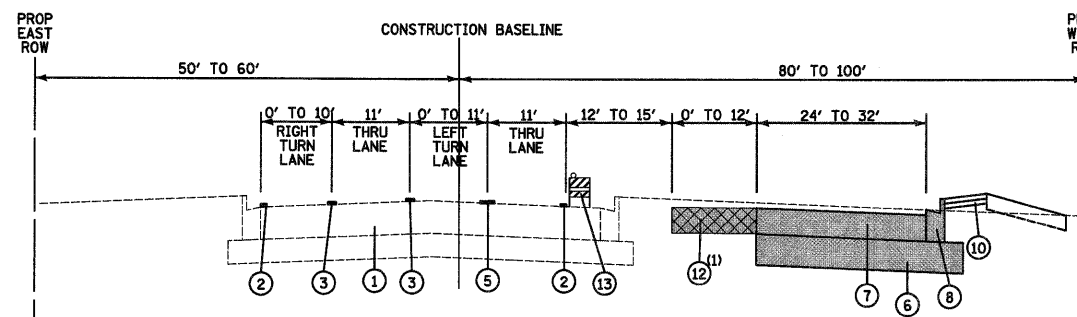


DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

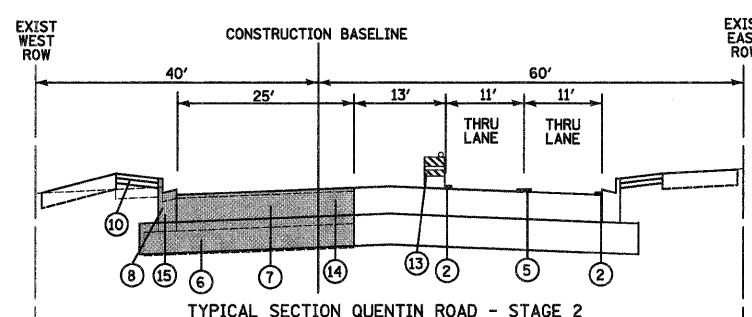
DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
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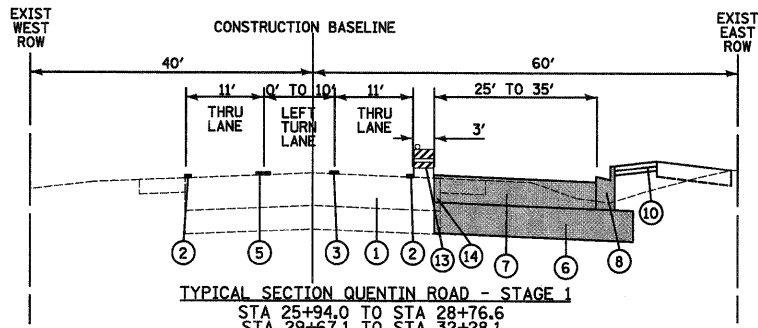
TYPICAL SECTION QUENTIN ROAD - STAGE 1
 STA 19+71.0 TO STA 25+94.0



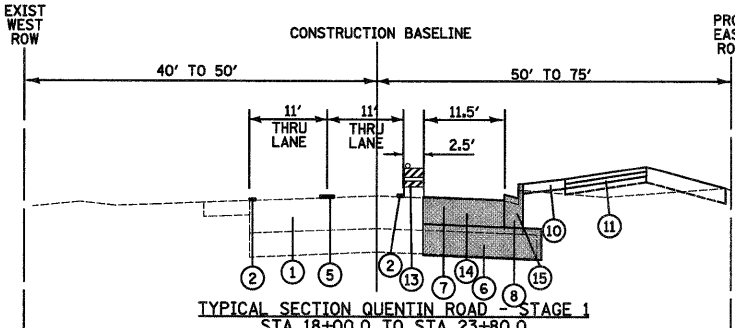
TYPICAL SECTION QUENTIN ROAD - STAGE 1
 STA 0+62.4 TO STA 18+00.0
 (1) STA 0+62.4 TO STA 3+68.4
 (2) STA 8+12.9 TO STA 10+27.6



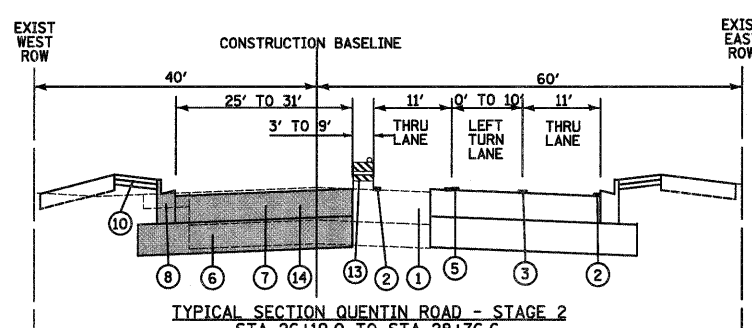
TYPICAL SECTION QUENTIN ROAD - STAGE 2
 STA 19+71.0 TO STA 26+19.0



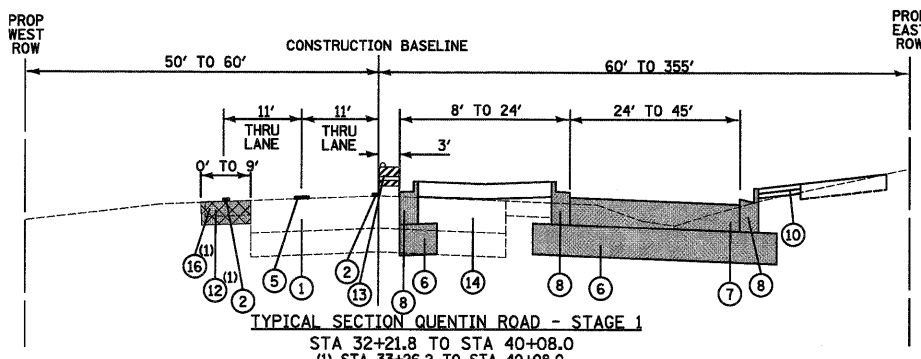
TYPICAL SECTION QUENTIN ROAD - STAGE 1
 STA 25+94.0 TO STA 28+76.6
 STA 29+67.1 TO STA 32+28.1



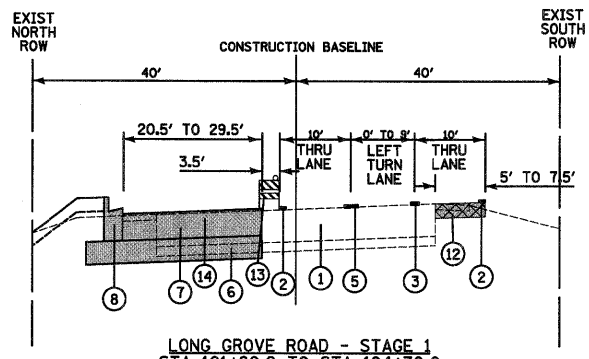
TYPICAL SECTION QUENTIN ROAD - STAGE 1
 STA 18+00.0 TO STA 23+80.0



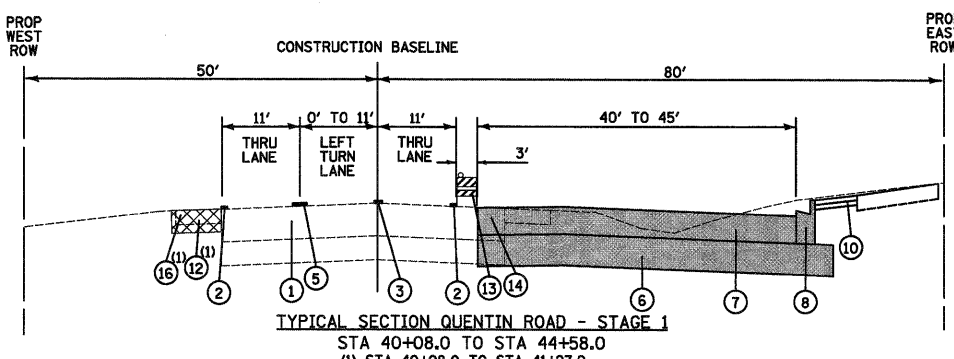
TYPICAL SECTION QUENTIN ROAD - STAGE 2
 STA 26+19.0 TO STA 28+76.6
 STA 29+67.1 TO STA 32+50.0



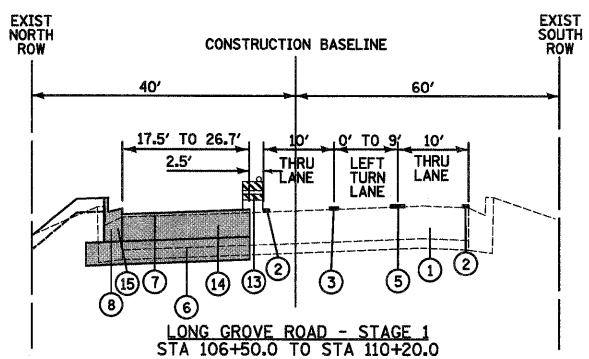
TYPICAL SECTION QUENTIN ROAD - STAGE 1
 STA 32+21.8 TO STA 40+08.0
 (1) STA 33+26.2 TO STA 40+08.0



LONG GROVE ROAD - STAGE 1
 STA 101+80.0 TO STA 104+70.0



TYPICAL SECTION QUENTIN ROAD - STAGE 1
 STA 40+08.0 TO STA 44+58.0
 (1) STA 40+08.0 TO STA 41+27.2



LONG GROVE ROAD - STAGE 1
 STA 106+50.0 TO STA 110+20.0

LEGEND

- ① EXISTING BITUMINOUS PAVEMENT
 - ② PROP TEMPORARY PAVEMENT MARKING (4" WHITE LINE)
 - ③ PROP TEMPORARY PAVEMENT MARKING (6" WHITE LINE)
 - ④ PROP TEMPORARY PAVEMENT MARKING (4" YELLOW LINE)
 - ⑤ PROP TEMPORARY PAVEMENT MARKING (2-4" YELLOW LINES @ 11" CTRS)
 - ⑥ PROP AGGREGATE SUBGRADE, 12"
 - ⑦ PROP HOT-MIX ASPHALT BINDER COURSE, IL-19, N70
 - ⑧ PROP COMB CONCRETE CURB & GUTTER, TYPE B-6.24
 - ⑨ PROP CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
 - ⑩ PROP PAVED SHOULDER
 - ⑪ PROP BIKEPATH
 - ⑫ PROP HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 8"
 - ⑬ TYPE II BARRICADE (NON-METALLIC) W/ STEADY-BURN LIGHT
 - ⑭ PAVEMENT REMOVAL
 - ⑮ COMBINATION CURB & GUTTER REMOVAL
 - ⑯ GRAVEL SHOULDER REMOVAL-PAID FOR AS "EARTH EXCAVATION"
- PERMANENT CONSTRUCTION DURING STAGE
 (SEE TYPICAL SECTIONS AND PLAN AND PROFILE SHEETS)
- ▨ TEMPORARY PAVEMENT WIDENING (8 - INCH)
 (HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 WITH NO SURFACE COURSE OR P.C. CONCRETE PAVEMENT WITH NO PAVEMENT FABRIC. PAID FOR AS TEMPORARY PAVEMENT.)

PRE-STAGE 1 (NOT ILLUSTRATED)	STAGE 1 (SHEETS 51-53)	STAGE 2 (SHEETS 54-56)	STAGE 3 (SHEETS 57-59)	STAGE 4 (NOT ILLUSTRATED)
<ol style="list-style-type: none"> ERECT ALL ADVANCED CONSTRUCTION SIGNING. IMPLEMENT SOIL & SEDIMENT EROSION CONTROL PLAN. TURN OFF AND COVER TRAFFIC SIGNALS AT THE LONG GROVE ROAD, RAND ROAD, AND WHITE PINE ROAD ALONG QUENTIN ROAD, AND INSTALL TEMPORARY TRAFFIC SIGNALS AND LIGHTING. REMOVE TREES, RELOCATE FIRE HYDRANTS AND TRAFFIC SIGNS WHERE NECESSARY, REMOVE BITUMINOUS AND GRAVEL SHOULDERS AND CONSTRUCT TEMPORARY PAVEMENT WIDENING ON WEST SIDE OF QUENTIN ROAD AND SOUTH SIDE OF LONG GROVE ROAD. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS, ERECT BARRICADES AND TEMPORARY TRAFFIC SIGNS AND SHIFT TRAFFIC. 	<ol style="list-style-type: none"> REMOVE EXISTING PAVEMENT AND CURB AND GUTTER ON THE EAST SIDE OF QUENTIN ROAD AND NORTH SIDE OF LONG GROVE ROAD. INSTALL DRAINAGE STRUCTURES, MAIN STORM SEWER, & STORM SEWER LATERALS ON EAST SIDE OF QUENTIN ROAD. CONSTRUCT BASE COURSE, BINDER COURSE, CURB AND GUTTER, DRIVEWAYS, BIKE PATHS, AND SIDEWALKS ON EAST SIDE OF QUENTIN ROAD AND THE NORTH SIDE OF LONG GROVE ROAD. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS, RELOCATE BARRICADES, ADJUST TEMPORARY SIGNING, TEMPORARY TRAFFIC SIGNALS, AND SHIFT TRAFFIC ON QUENTIN AVENUE AND LONG GROVE ROAD FOR STAGE II CONSTRUCTION. BEGIN INSTALLATION OF PERMANENT TRAFFIC SIGNALS. 	<ol style="list-style-type: none"> REMOVE EXISTING PAVEMENT AND CURB AND GUTTER ON WEST SIDE OF QUENTIN ROAD AND SOUTH SIDE OF LONG GROVE ROAD. CONSTRUCT ALL REMAINING STORM SEWERS ON THE WEST SIDE OF QUENTIN ROAD. CONSTRUCT BASE COURSE, BINDER COURSE, CURB AND GUTTER, DRIVEWAYS AND SIDEWALKS ON WEST SIDE OF QUENTIN ROAD AND SOUTH SIDE OF LONG GROVE ROAD. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS, RELOCATE BARRICADES, ADJUST TEMPORARY TRAFFIC SIGNALS, AND SHIFT TRAFFIC ON QUENTIN ROAD AND LONG GROVE ROAD FOR STAGE III CONSTRUCTION. 	<ol style="list-style-type: none"> CONSTRUCT BASE COURSE AND BINDER COURSE IN THE LEFT TURN LANES ON QUENTIN ROAD AND LONG GROVE ROAD AND CONSTRUCT MEDIANS ALONG QUENTIN ROAD. REMOVE CONFLICTING PAVEMENT MARKINGS ON QUENTIN ROAD AND LONG GROVE ROAD. PLACE TEMPORARY MARKINGS, PLACE PERMANENT SIGNING, REMOVE ALL BARRICADES AND TEMPORARY TRAFFIC SIGNS AND OPEN LANES TO TRAFFIC ON QUENTIN ROAD AND LONG GROVE ROAD. REMOVE EXISTING SURFACE COURSE WHERE APPLICABLE ON QUENTIN ROAD AND LONG GROVE ROAD, AND PLACE LEVELING BINDER. 	<ol style="list-style-type: none"> SQUARE OFF END OF PROJECT WITH 2" MILLED BUTT JOINTS WHERE APPLICABLE, AND AT THE DIRECTION OF THE RESIDENT ENGINEER. PLACE SURFACE COURSE TO FINISHED GRADE ON QUENTIN ROAD AND LONG GROVE ROAD, MAINTAINING TRAFFIC PER STANDARD 701501, AND PLACE SHORT TERM PAVEMENT MARKING TAPE AS REQUIRED. COMPLETE AND ACTIVATE ALL PERMANENT TRAFFIC SIGNAL INSTALLATIONS AND REMOVE TEMPORARY SIGNALS AT LONG GROVE ROAD, RAND ROAD, AND WHITE PINE DRIVE. REMOVE ALL CONFLICTING PAVEMENT MARKINGS, PLACE SHORT-TERM MARKINGS AND PERMANENT SIGNING, REMOVE ALL BARRICADES AND TEMPORARY TRAFFIC SIGNS. COMPLETE ALL REMAINING LANDSCAPING AND CLEAN-UP WORK.

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DESIGNED - JRR
 DRAWN - JRR
 CHECKED - RTM
 DATE - 10/24/2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NO SCALE

TYPICAL SECTIONS & CONSTRUCTION PROCEDURE

SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
364	02-00051-08-WR	LAKE	188	65
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 63649	