

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	184
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* ROUTE 17 (US 52 / IL 64)
** (1,2)RS & (3,1)RS-1

- SEE TITLE SHEET FOR TRAFFIC CONTROL STANDARDS TO BE USED FOR MAINTENANCE OF TRAFFIC.
- PLACEMENT OF TEMPORARY CONCRETE BARRIERS, IMPACT ATTENUATORS, TEMPORARY SIGNALS, DRUMS WITH STEADY BURNING LIGHTS, AND STOP BARS SHALL BE AS SHOWN, PLACEMENT OF OTHER TRAFFIC CONTROL ITEMS SHALL BE PER STANDARD 701321.
- ONLY DRUMS SHALL BE ALLOWED TO DELINEATE THE 150' TAPER EXTENDING FROM THE IMPACT ATTENUATORS TO STOP BARS. BARRICADES OR VERTICAL PANELS SHALL NOT BE USED AT THESE LOCATIONS.
- TRAFFIC CONTROL DEVICES ARE TO BE PLACED IN SUCH A MANNER AS TO ALLOW CONTINUOUS ACCESS TO THE PRIVATE ENTRANCE LOCATED AT STA. 447+50 RT.
- DETECTOR LOOPS SHALL BE USED FOR CONTROL OF THE SIGNALS FOR TRAFFIC EASTBOUND ON US 52/IL 64, WESTBOUND ON US 52/IL 64, AND FOR TRAFFIC SOUTHBOUND ON QUARRY ROAD. THIS SHALL BE A THREE-PHASE CONTROL.
- THE COST OF PROVIDING, INSTALLING AND MAINTAINING TYPE III BARRICADES AT THE LOCATIONS SHOWN ON THE PLANS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION STANDARD 701321.

STAGE I

TRAFFIC: LEAVE EXISTING TRAFFIC ON EXISTING ROADWAYS.

- BUILD FLOOR AND WALLS "A" AND "C" AS SHOWN ON SPECIAL END SECTION NO. 1 ON THE CULVERT AT STA. 1001+58 UNDER PROPOSED QUARRY ROAD. ATTACH THE FIRST 6' SECTION OF 10' X 6' PRECAST BOX CULVERT.
- TEMPORARILY PLUG 10' X 6' CULVERT OPENING TO THE WEST. PLUG INSTALLATION AND REMOVAL INCIDENTAL TO PRECAST CONCRETE BOX CULVERT 10' X 6'.
- REMOVE THE HEADWALL AS SHOWN ON THE NORTH END SECTION OF THE EXISTING CULVERT AT STA. 449+90.
- MITER AND INSTALL 45' OF TEMPORARY 60" CMP FROM THE NORTH END OF THE EXISTING BOX CULVERT TO THE SOUTH OPENING OF SPECIAL END SECTION NO. 1 REDIRECTING STORM WATER RUN OFF WITH DITCHES INTO THE END SECTION. TEMPORARY MEASURES TO KEEP STORM WATER IN THIS TEMPORARY 60" CMP CULVERT ARE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROPER REMOVAL AT SUBSEQUENT PHASES OF TEMPORARY MEASURES.
- INSTALL 78' OF ADDITIONAL 10' X 6' PRECAST BOX CULVERT TO THE WEST.
- WEST END OF 10' X 6' PRECAST BOX CULVERT SHALL BE BULKHEADED AND BURIED TO MAINTAIN EXISTING GROUND ELEVATION.

STAGE IA

TRAFFIC: SAME AS STAGE I, SHIFT TRAFFIC TO NEW QUARRY RD.

- BUILD PROPOSED QUARRY ROAD TO THE LIMITS SHOWN (SURFACE COURSE TO BE COMPLETED IN STAGE IV) AND TRANSFER TRAFFIC TO NEW QUARRY ROAD.
- CONSTRUCT TEMPORARY WIDENING (AS DETAILED IN THE TYPICAL FOR TEMPORARY WIDENING) TO THE NORTH SIDE OF US 52/IL 64 FROM STA. 444+25 TO STA 448+70 (OMITTING BRIDGE) TO PROVIDE A MINIMUM 12' TRAVEL LANE UTILIZING TRAFFIC CONTROL STANDARD 701321.
- REMOVE AND REINSTALL GUARDRAIL AND TERMINAL SECTION STA. 447+07 TO STA. 448+07 COINCIDE WITH TEMPORARY WIDENING.

STAGE II

TRAFFIC: ON NEW QUARRY ROAD.

- INSTALL TRAFFIC CONTROL AND TEMPORARY SIGNALS ACCORDING TO STANDARD 701321. CONTRACTOR TO SUBMIT THREE LEG TEMPORARY SIGNAL TIMING AND PHASING TO ENGINEER FOR REVIEW PRIOR TO INSTALLATION.
- ONCE TRAFFIC IS UNDER TEMPORARY SIGNALS, REMOVE ALL GUARDRAIL RIGHT, REMOVE PAVEMENT AS SHOWN AND THE SOUTH SECTION OF THE EXISTING CULVERT AT STA. 446+65 AS SHOWN. REMOVE THE EXISTING BRIDGE BEAMS AT STA. 448+50.69 AS SHOWN IN THE TYPICAL SECTION.
- CONSTRUCTION OF THE BOX CULVERTS SHALL BE STAGED SUCH THAT ACCESS TO THE FARM ENTRANCE STA. 447+50 RT. IS MAINTAINED AT ALL TIMES. THIS ACCESS CAN COME FROM THE EAST OR THE WEST, BUT MUST BE MAINTAINED AND BE WIDE ENOUGH TO ACCOMMODATE ALL VEHICLES AND FARM EQUIPMENT THAT NEED TO USE THIS ACCESS.
- EXCAVATE AS NECESSARY TO CONSTRUCT THE SOUTH HALF OF THE CULVERT AT STA. 446+65. INSTALL THE 9' X 8' PRECAST CONCRETE BOX CULVERT SECTIONS AT STA. 446+65 AND THE 7' X 7' PRECAST CONCRETE BOX CULVERT SECTIONS AT STA. 448+50.69 TO THE LIMITS SHOWN FOR STAGE II CONSTRUCTION AND THE RESPECTIVE END SECTIONS, GEOTEXTILE RETAINING WALL, TRENCH BACKFILL AND CLASS B PATCH.
- PRIOR TO STAGE III CONSTRUCT TEMPORARY WIDENING (AS DETAILED IN THE TYPICAL FOR TEMPORARY WIDENING) TO THE SOUTH SIDE OF US 52/IL 64 FROM STA. 444+44 TO STA. 450+56 TO PROVIDE A MINIMUM 12' TRAVEL LANE UTILIZING TRAFFIC CONTROL STANDARD 701321.

STAGE III

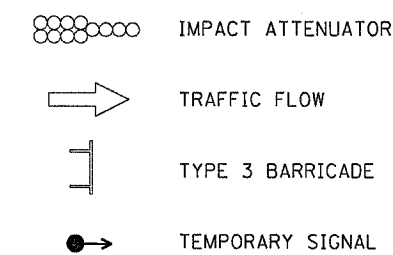
- RELOCATE TRAFFIC CONTROL AND TEMPORARY CONCRETE BARRIER AS SHOWN ON THE STAGE III DETAILS AND SHIFT TRAFFIC.
- REMOVE ALL GUARDRAIL LEFT (ALONG "OLD" QUARRY RD) AND THE TEMPORARY WIDENING AS SHOWN IN THE TYPICALS. REMOVE THE PAVEMENT AS SHOWN, THE REMAINING NORTH HALF OF THE CULVERT AT STA. 446+65 AND THE REMAINING BEAMS FROM THE BRIDGE AT STA. 448+50.69.
- CONSTRUCT THE NORTH HALF OF THE 9' X 8' PRECAST CONCRETE BOX CULVERT AT STA. 446+65 AND THE 7' X 7' PRECAST CONCRETE BOX CULVERT AT STA. 448+50.69. CONSTRUCT THE END SECTIONS AND WING DAM LT., THE REMAINDER OF THE TRENCH BACKFILL AND CLASS B PATCH. MAINTAIN ACCESS AND SIGHT DISTANCES TO ENTRANCE STA. 447+50 RT. TURNING RADII FOR THE FARM EQUIPMENT SHALL BE ACCOMMODATED.
- REMOVE EXISTING QUARRY ROAD AND INSTALL THE REMAINING SECTIONS OF THE 10' X 6' PRECAST CONCRETE BOX CULVERT AT STA. 1001+58 (QUARRY RD.) AND INSTALL THE PRECAST CONCRETE END SECTION ON THE WING DAM CONSTRUCTED FOR THE CULVERT AT STA. 448+50.69.

STAGE IV

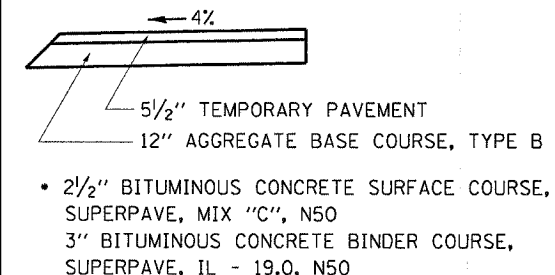
- SEE TITLE SHEET FOR TRAFFIC CONTROL STANDARDS TO BE USED FOR MAINTENANCE OF TRAFFIC..
- REMOVE THE TEMPORARY WIDENING RIGHT SOUTH OF A LINE 18' RIGHT OF CENTERLINE.
- REMOVE THE CONCRETE HEADWALL RT. STA. 449+90.

- REMOVE THE TEMPORARY PLUG IN THE 10' X 6' CULVERT OPENING PLACED IN STAGE I, REMOVE A PORTION OF THE 60" TEMPORARY PIPE. REMOVAL INCIDENTAL TO PIPE CULVERTS, TYPE 2, 60" (TEMPORARY). BUILD WALL "B" ON SPECIAL END SECTION NO. 1
- FILL EXISTING CULVERT AT STATION 449+90 AND FILL REMAINING PORTION OF THE 60" TEMPORARY PIPE AS SPECIFIED IN THE SPECIAL PROVISIONS.
- COMPLETE THE BITUMINOUS RESURFACING, SHOULDER CONSTRUCTION, GUARDRAIL PLACEMENT, AND PAVEMENT STRIPING.
- CONSTRUCT THE PROPOSED DRIVEWAYS AT STA. 445+84 RT. AND 447+50 RT.
- COMPLETE THE BITUMINOUS SURFACE COURSE AND PAVEMENT STRIPING ON QUARRY ROAD.

STAGING KEY



WIDENING TYPICAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC STAGING NOTES

SCALE: VERT. DATE HORIZ. DRAWN BY CHECKED BY

PLOT DATE = Fri, Mar 23 10:18:12 2007
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