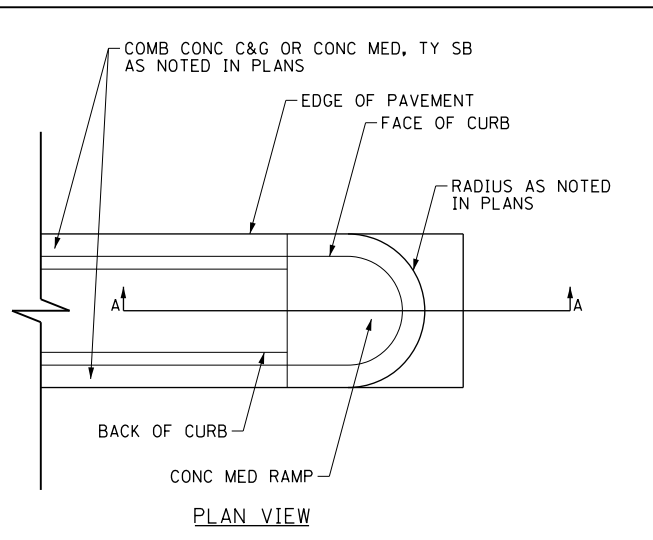
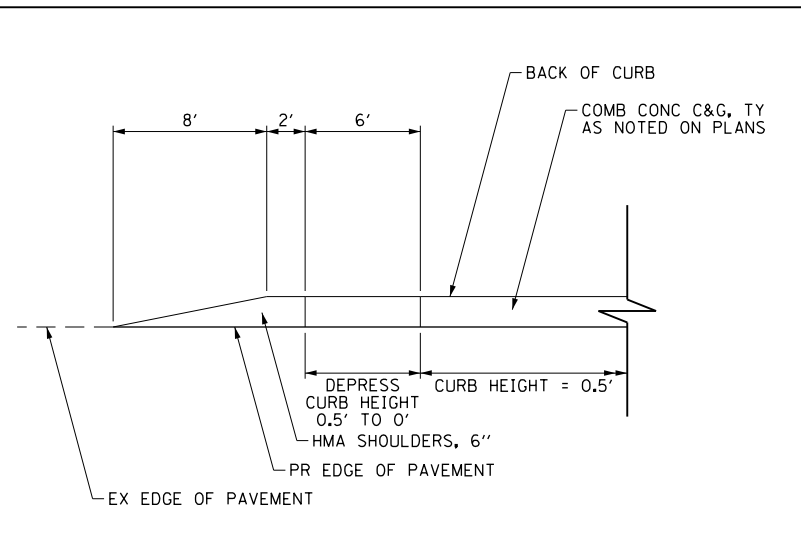


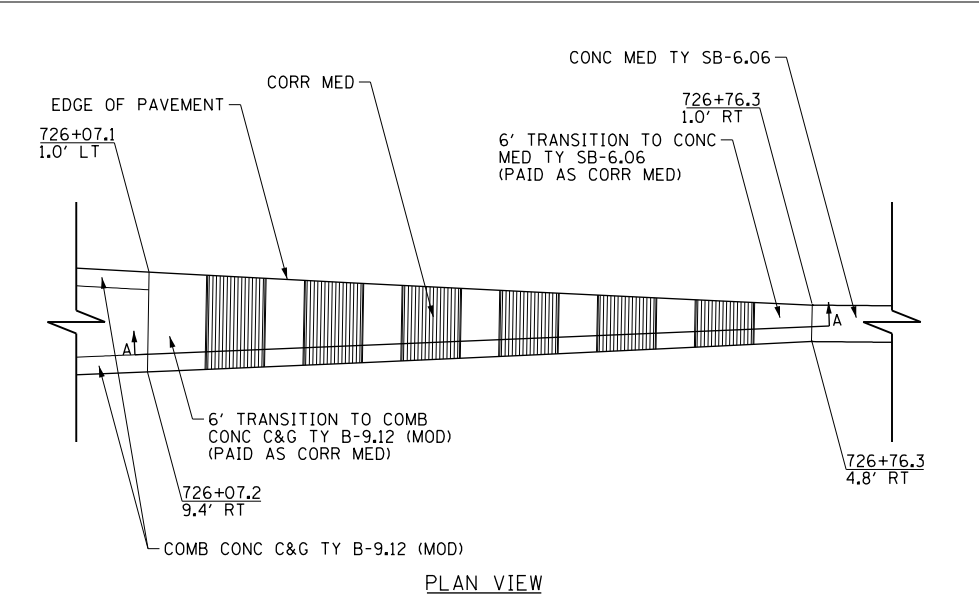
WILLOW ROAD ISLAND DETAIL
STA 720+85.71



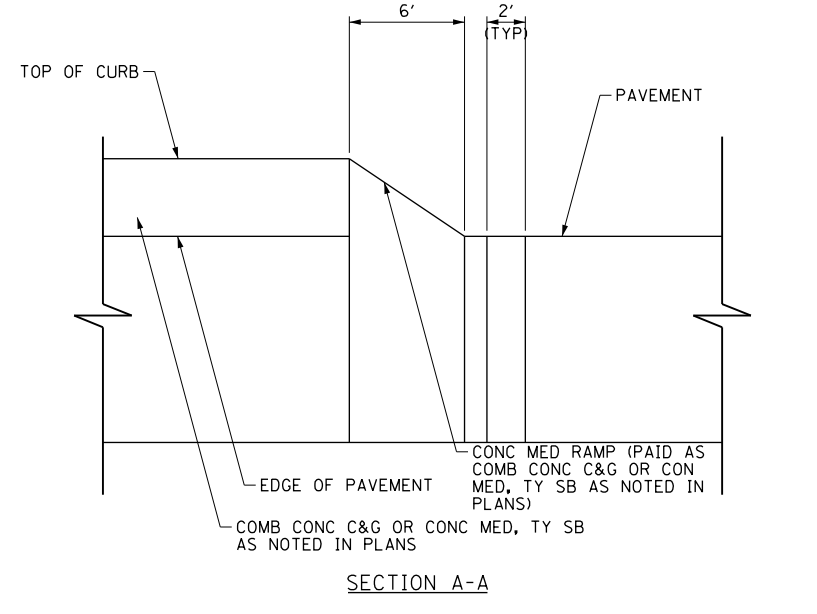
PLAN VIEW



CURB AND GUTTER TRANSITION TO EXISTING

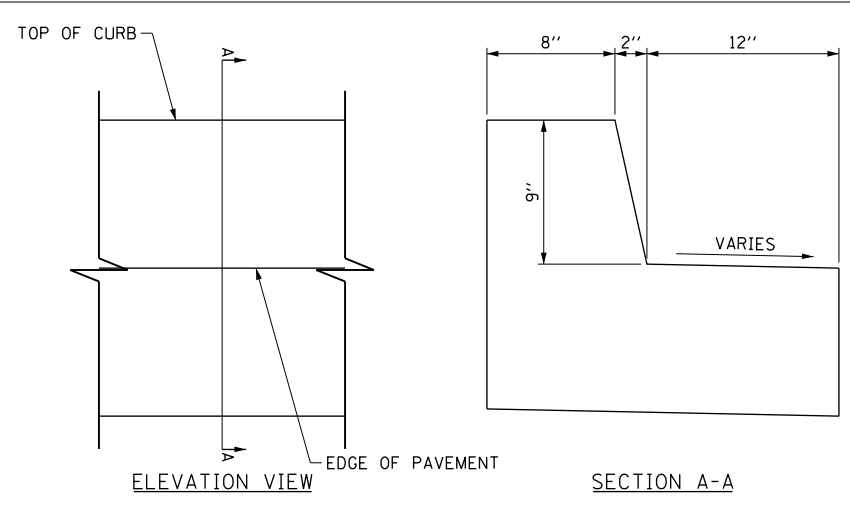


PLAN VIEW



SECTION A-A

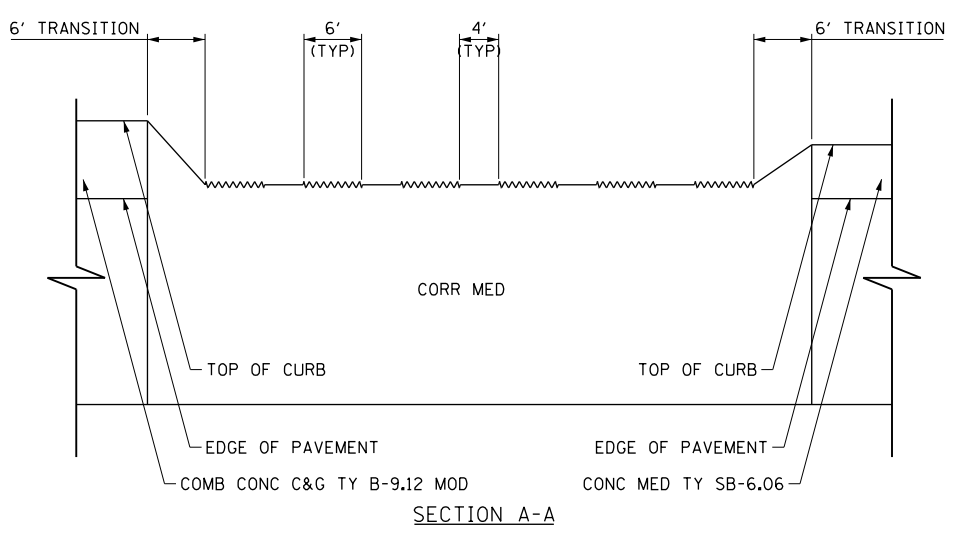
CONCRETE MEDIAN RAMP TRANSITION



ELEVATION VIEW

SECTION A-A

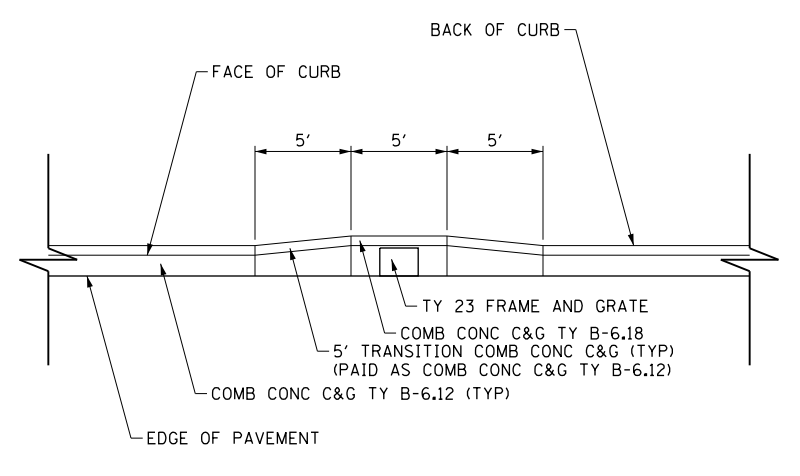
COMBINATION CONCRETE CURB AND GUTTER TYPE B-9.12 (MODIFIED)



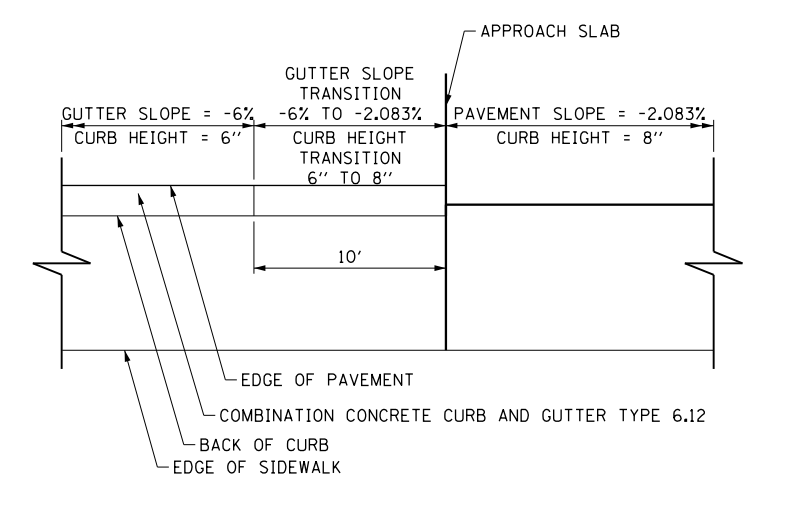
SECTION A-A

CORRUGATED MEDIAN

NOTE: CORRUGATED MEDIANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE PORTIONS OF STANDARD 606306-03



CURB AND GUTTER TRANSITION FOR TYPE 23 FRAME AND GRATE



COMBINATION CONCRETE CURB AND GUTTER TRANSITION AT BRIDGE

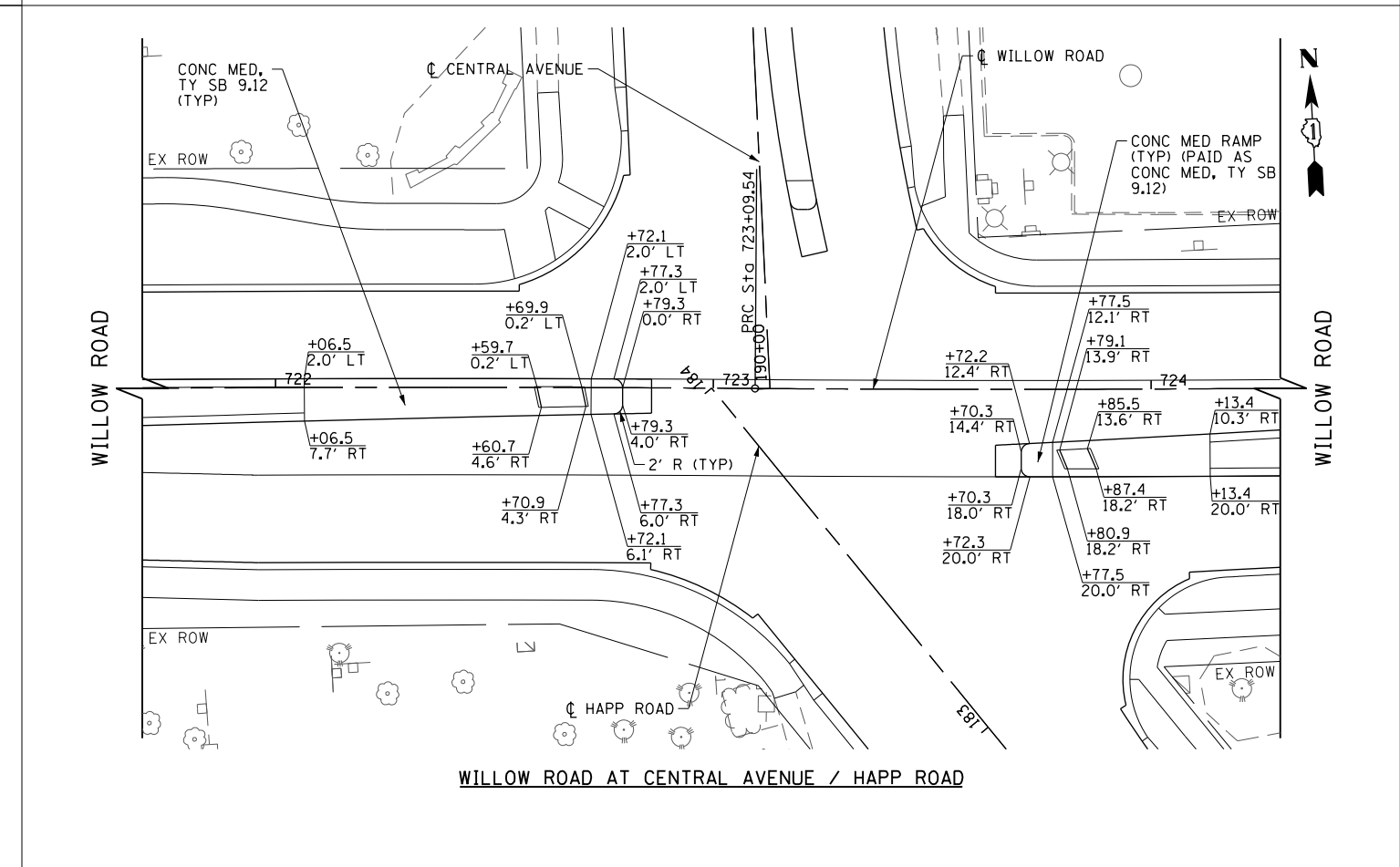
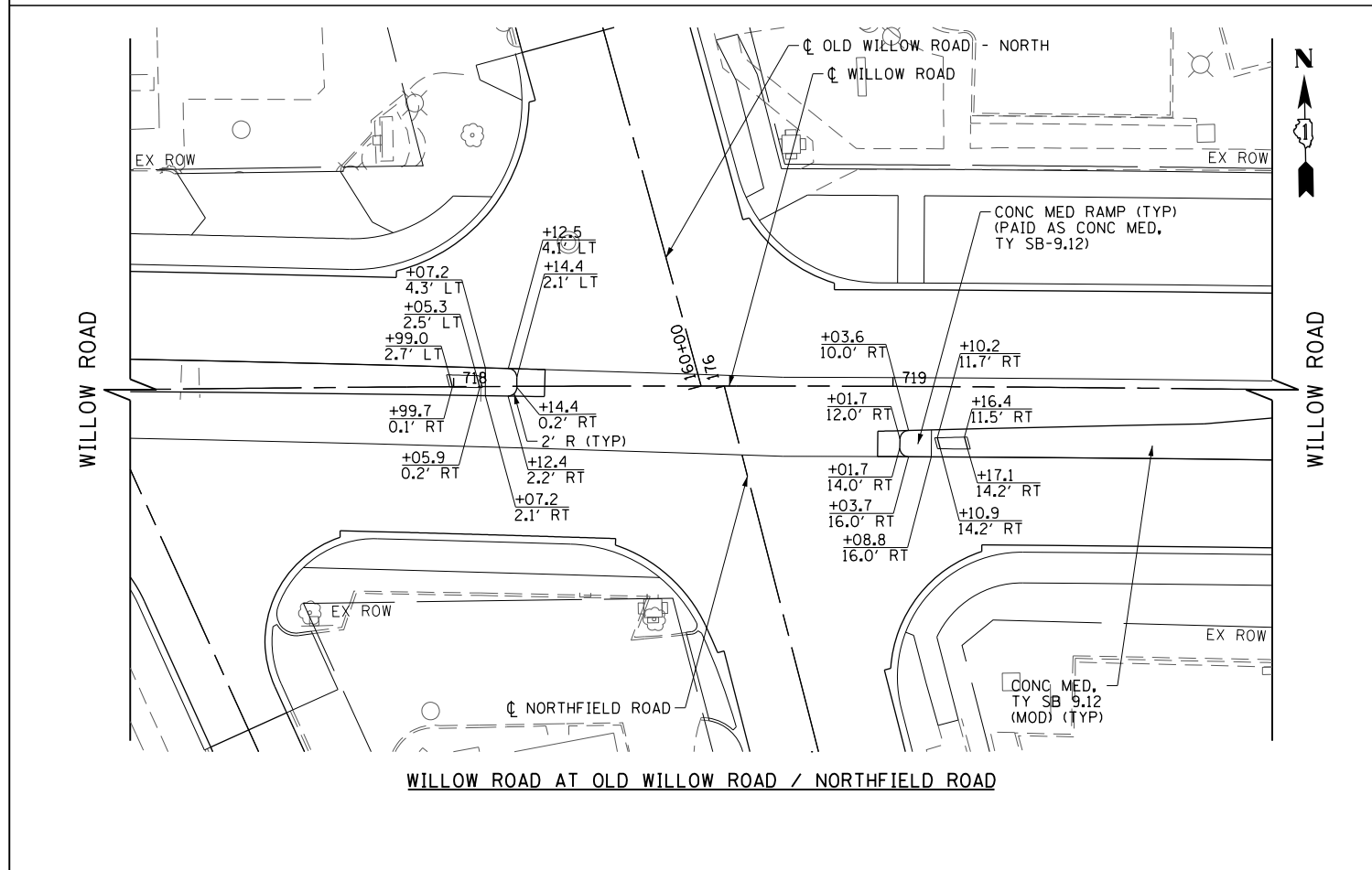
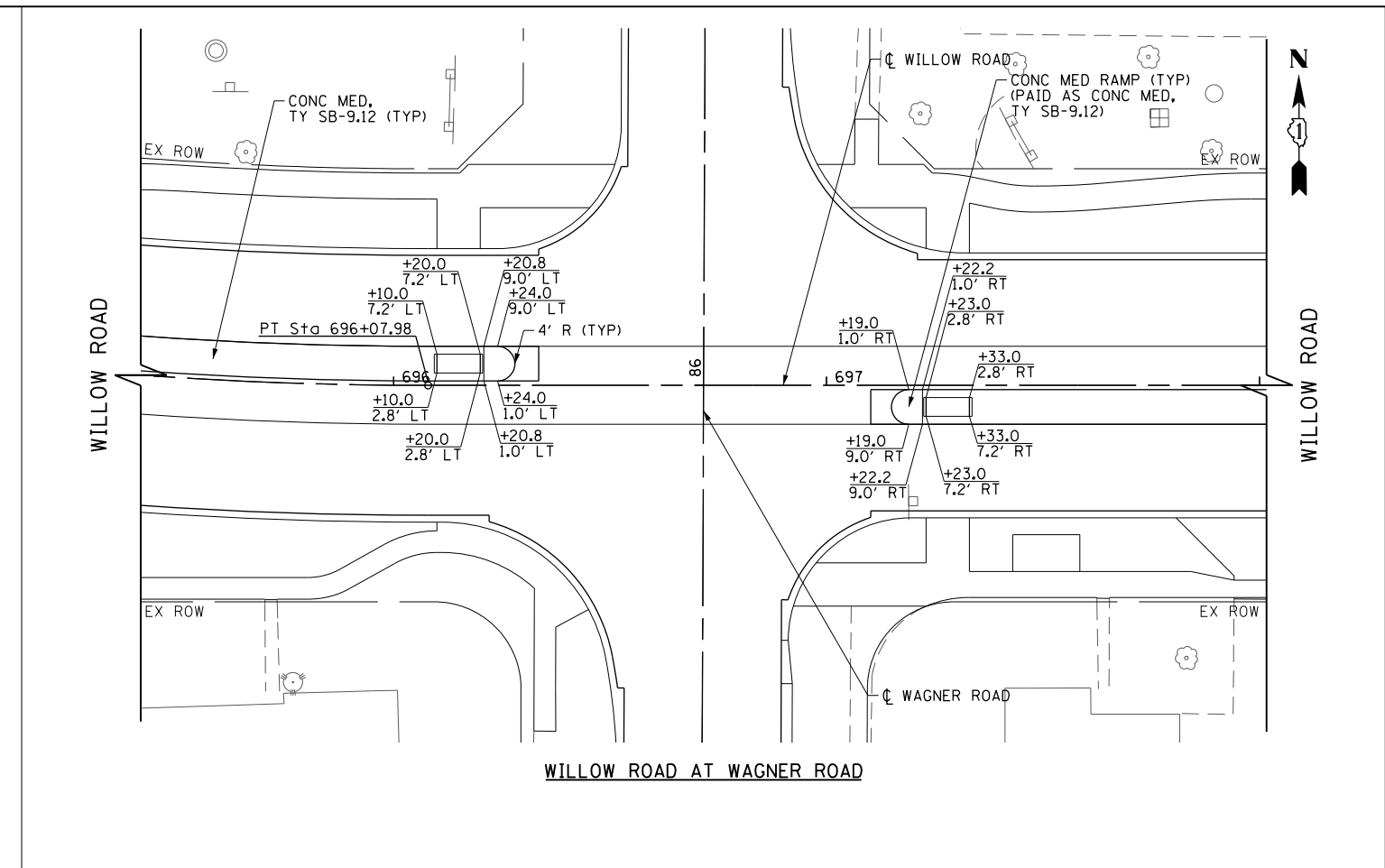
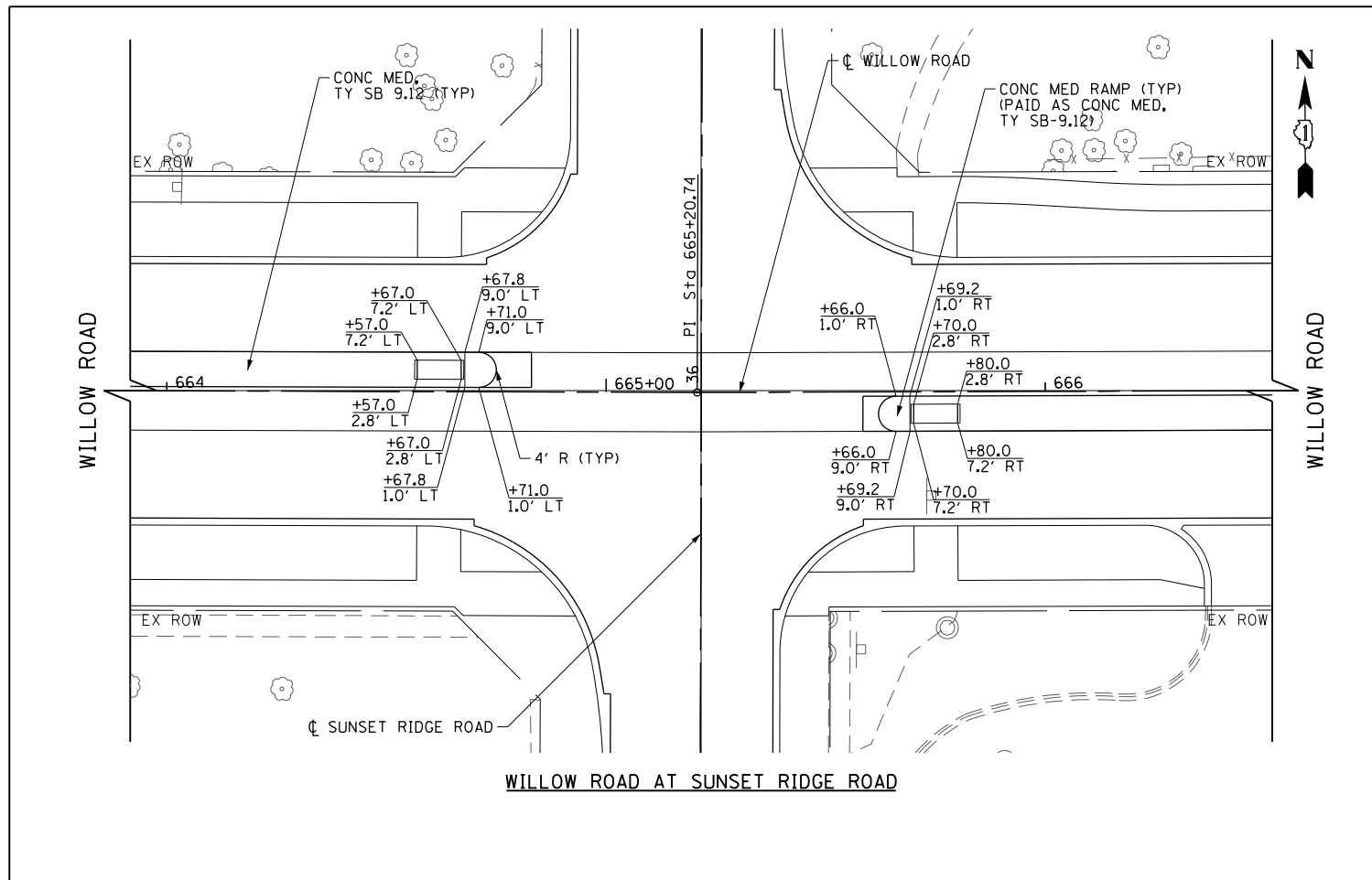
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

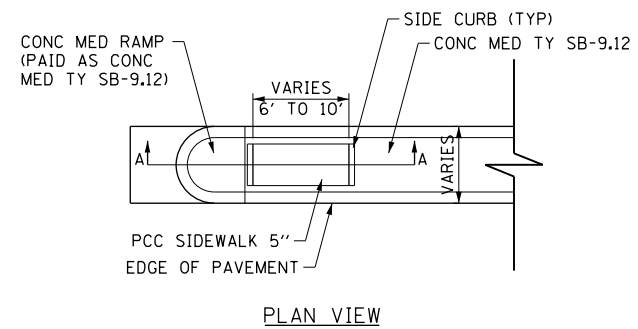
ISLAND, CURB AND GUTTER TRANSITION,
AND MEDIAN TRANSITION DETAILS

SCALE: N.T.S. SHEET NO. 101 OF 919 SHEETS

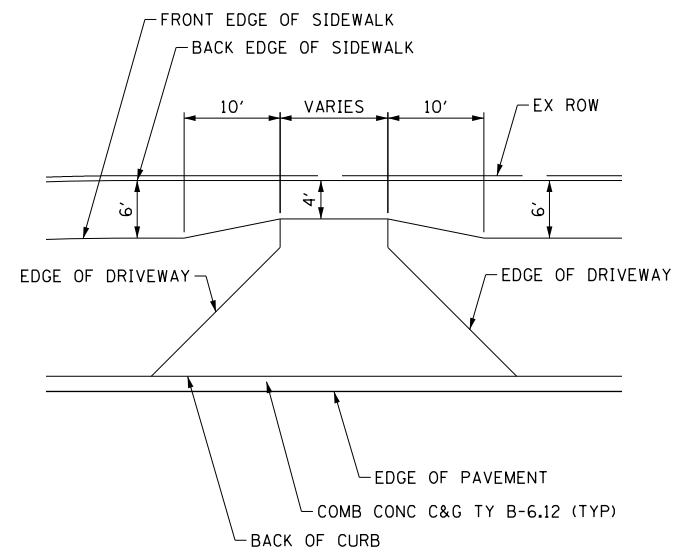
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	101
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



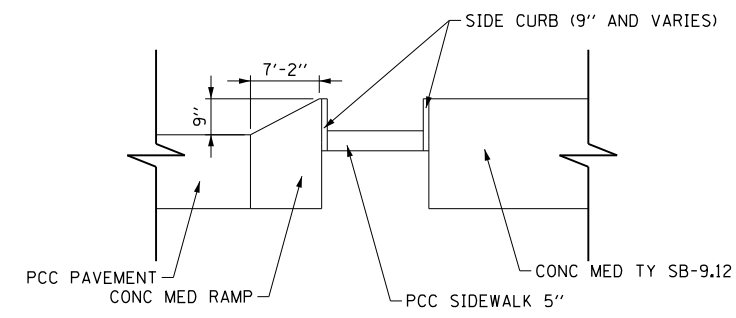
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PLOT SCALE = 40.000' / in.	CHECKED - RCB	REVISIED -	REVISIED -			SCALE: 1" = 20'	SHEET NO. 102 OF 919 SHEETS	CONTRACT NO. 60T35		FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT
PLOT DATE = 11/1/2012	DATE = 10/31/2012	REVISIED -	REVISIED -								



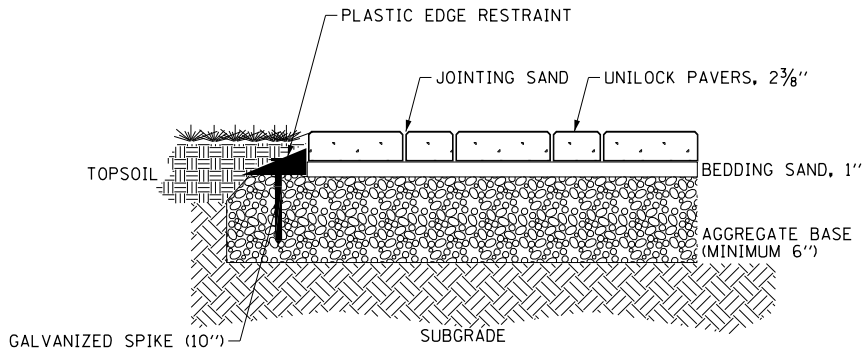
PLAN VIEW



SIDEWALK TRANSITION AT DRIVEWAYS
(SELECT LOCATIONS AS INDICATED ON PLANS)



SECTION A-A



BRICK SIDEWALK DETAIL

PEDESTRIAN REFUGE ISLAND DETAIL

NOTE: PEDESTRIAN REFUGE ISLAND SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE PORTIONS OF STANDARD 424031 AND 606301-04

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN REFUGE ISLAND AND SIDEWALK DETAILS

SCALE: N.T.S. SHEET NO. 103 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	103
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE 11' THRU LANE IN EACH DIRECTION FOR TWO-WAY TRAFFIC FLOW ALONG WILLOW RD AND ILLINOIS ROUTE 43, AND A MINIMUM OF THREE 11' THROUGH LANES OF TRAFFIC IN EACH DIRECTION FOR I-94 EDENS EXPRESSWAY UNLESS OTHERWISE SPECIFIED. A MINIMUM OF 3' SHALL BE MAINTAINED AT ALL TIMES BETWEEN TRAFFIC AND CONSTRUCTION WORK ZONE UNLESS OTHERWISE NOTED ON THE PLANS.
2. ON INTERSTATE 94 ALL TEMPORARY CONCRETE BARRIER SHALL HAVE A MINIMUM 2' SEPARATION FROM THE TRAVEL LANE.
3. A 3'-6" DEFLECTION AREA IS REQUIRED FROM THE BACK SIDE OF THE TEMPORARY CONCRETE BARRIER WALL TO ANY OBSTRUCTION OR DROP OFF IN THE WORK ZONE. IF THIS 3'-6" DEFLECTION AREA CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT (EXCLUDING BRIDGE DECKS) THROUGH THE 3 ANCHORING HOLES ON THE TRAFFIC SIDE OF THE TEMPORARY CONCRETE BARRIER WALL. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE TEMPORARY CONCRETE BARRIER WALL PAY ITEM.
4. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
5. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
6. THE CONTRACTOR SHALL CONTACT THE ILLINOIS DEPARTMENT OF TRANSPORTATION ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND THE VILLAGE OF NORTHFIELD CHIEF OF POLICE AT (847) 441-3849 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
7. THE CONTRACTOR SHALL NOTIFY MWRD (312-751-3236) A MINIMUM OF 72 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES IMPACTING MWRD FACILITIES. ALL MWRD FACILITIES SHALL BE PROTECTED AND 24-HOUR ACCESS MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION AND UPON COMPLETION OF THE PROJECT.

GENERAL NOTES (CONTINUED)

8. TEMPORARY LANE CLOSURES ALONG WILLOW RD AND ILLINOIS ROUTE 43, FOR ANY REASON, SHALL BE RESTRICTED TO THE WEEKDAY HOURS OF 9:00AM TO 3:30 PM, AS APPROVED IN ADVANCE BY THE ENGINEER. TEMPORARY LANE CLOSURES ALONG EDENS EXPRESSWAY SHALL FOLLOW SPECIAL PROVISION "KEEPING EXPRESSWAY OPEN TO TRAFFIC".
9. ALL DRIVEWAYS SHALL BE OPEN FOR TRAFFIC DURING CONSTRUCTION UNLESS OTHERWISE SHOWN ON THE PLANS.
10. WET REFLECTIVE TEMPORARY TAPE TYPE III PAVEMENT MARKINGS SHALL BE USED ON ALL FINAL PAVEMENT WEARING SURFACES INCLUDING I-94 EDENS EXPRESSWAY. TEMPORARY PAVEMENT MARKING PAINT SHALL BE USED ELSEWHERE.
11. BARRIER WALL MARKERS, TYPE C SHALL BE PLACED AT 25' C-C ALONG THE EDENS EXPRESSWAY EXISTING CONCRETE MEDIAN BARRIER WITHIN THE PROJECT LIMITS AS SHOWN IN STD. 704001.
12. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL.
13. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND REPLACE ALL REFLECTORS FROM EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL.
14. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR ONE PLACEMENT AND ONE REPLACEMENT HAVE BEEN PROVIDED FOR EACH STAGE. ALL MARKINGS THAT REQUIRE REPLACEMENT PRIOR TO 7 DAYS OF SERVICE OR REPLACEMENT AFTER THE THIRD REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
15. TEMPORARY PAVEMENT SHALL ADHERE TO THE TEMPORARY PAVEMENT SPECIAL PROVISION. TEMPORARY PAVEMENT SHALL CONSIST OF 8 INCHES OF PCC PAVEMENT OR 8 INCHES OF HMA BINDER COURSE. THE SELECTED ALTERNATIVE SHALL BE PLACED ON 4 INCHES OF AGGREGATE SUBGRADE IMPROVEMENT, WHICH WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE FOR TEMPORARY PAVEMENT.
16. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL). ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

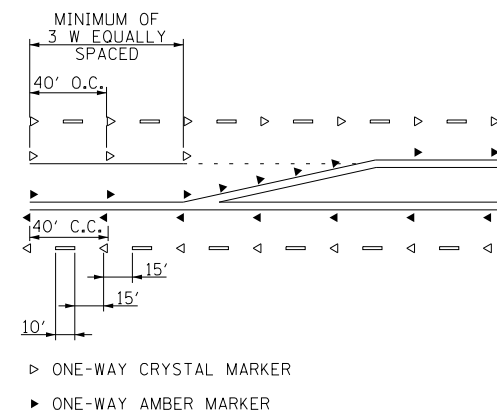
GENERAL NOTES (CONTINUED)

17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING DRAINAGE OF THE ROADWAY DURING ALL STAGES OF CONSTRUCTION. A QUANTITY OF 20 INLETS, TYPE A, TYPE 8 GRATE AND 500' OF STORM SEWERS, CLASS A, TYPE 1 12" HAS BEEN PROVIDED FOR TEMPORARY USE. REMOVAL OF THESE ITEMS SHALL BE INCLUDED IN THEIR COST.
18. THE CONTRACTOR SHALL MAINTAIN EXISTING AND/OR PROPOSED ROADWAY LIGHTING DURING THE DURATION OF THE PROJECT.
19. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE A SAFE WAITING AREA AND ACCESS TO BUS LANDING AREA FOR PEDESTRIANS DURING CONSTRUCTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "PCC SIDEWALK, 5 INCH".
20. ALL CONSTRUCTION SIGNS, BARRICADES, AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED, AND MAINTAINED BY THE CONTRACTOR.
21. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3 INCH X 6 INCH DELINEATOR INSTALLED.
22. FOR PROPERTIES THAT MAINTAIN TWO DRIVEWAYS IN THEIR EXISTING CONDITON, THE CONTRACTOR SHALL PROVIDE ACCESS TO THE PROPERTY THRU ONE DRIVEWAY WHILE THE SECOND DRIVEWAY IS BEING CONSTRUCTED.
23. THE CONTRACTOR SHALL REPLACE ANY TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER THAT IS DAMAGED OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE ORIGINAL TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER.
24. THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL DRIVEWAYS AND SIDE STREETS AT ALL TIMES AND STAGES OF CONSTRUCTION UNLESS OTHERWISE NOTED IN THE PLANS. THE CONTRACTOR SHALL COORDINATE ANY SHORT TERM DRIVEWAY CLOSURES WITH THE ENGINEER AND THE IMPACTED BUSINESS OWNER.

NOTE:

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS



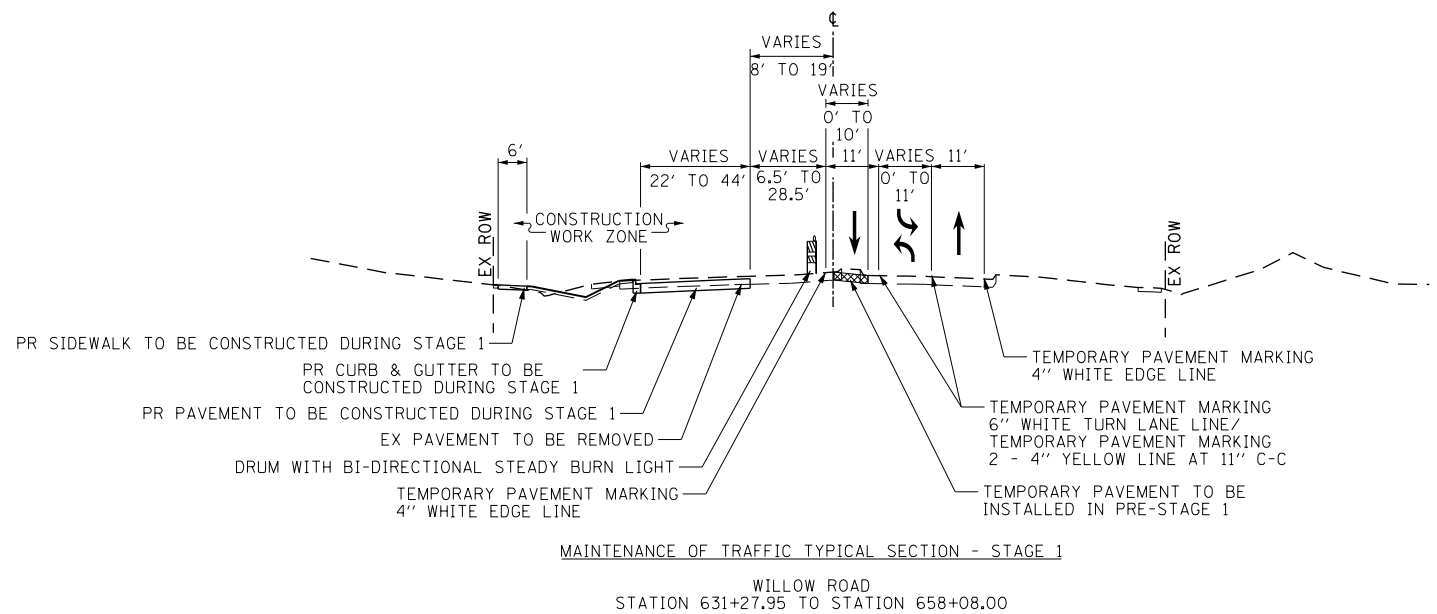
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC GENERAL NOTES**

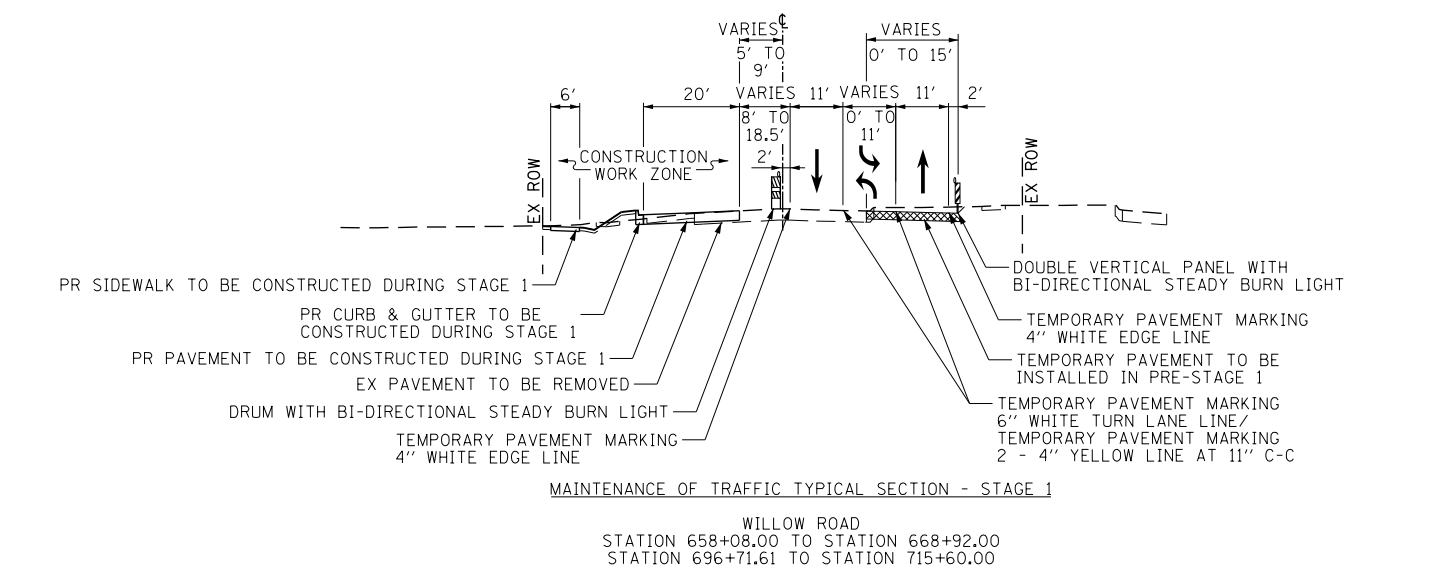
SCALE: N.T.S. SHEET NO. 104 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 60T35
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



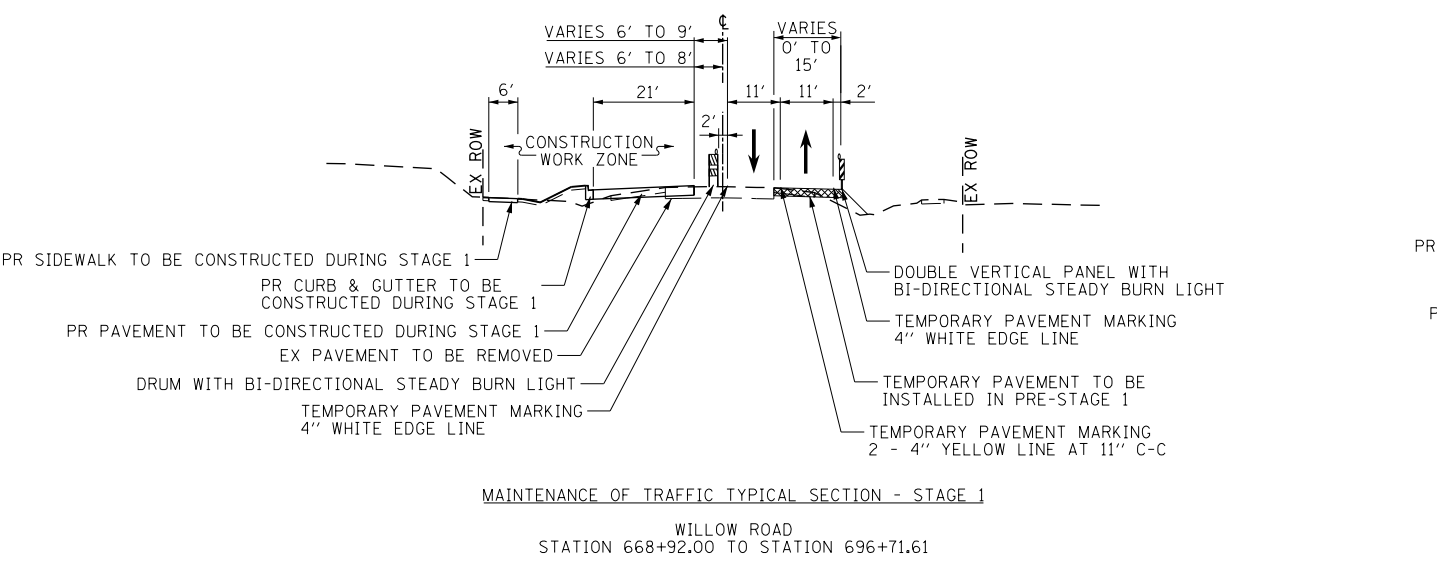
MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1

WILLOW ROAD
STATION 631+27.95 TO STATION 658+08.00



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1

WILLOW ROAD
STATION 658+08.00 TO STATION 668+92.00
STATION 696+71.61 TO STATION 715+60.00



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1

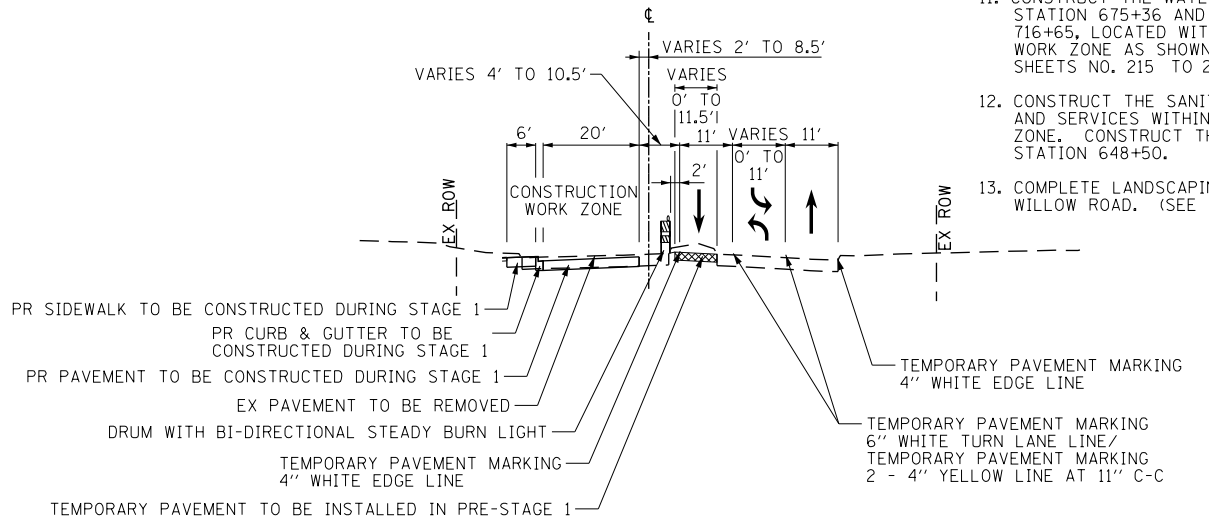
WILLOW ROAD
STATION 668+92.00 TO STATION 696+71.61

PRE-STAGE 1

1. MAINTAIN TWO-WAY TRAFFIC FLOW ON WILLOW ROAD.
2. THE FOLLOWING SHALL BE COMPLETED USING STANDARD 701421-05, 701501-06, 701601-07, 701606-08, OR 701701-08 AS NEEDED FOR DAYTIME LANE CLOSURES. A MINIMUM OF ONE LANE SHALL BE MAINTAINED IN EACH DIRECTION.
 - a. REMOVE EXISTING MEDIAN AND REPLACE WITH TEMPORARY PAVEMENT ALONG WILLOW AS SHOWN ON THE PLANS (SEE SHEETS NO. 113 TO 119). SEE SHEET NO. 111 FOR GUIDANCE ON TEMPORARY PAVEMENT CROSS SLOPES.
 - b. REMOVE EXISTING CORNER ISLAND AND REPLACE WITH TEMPORARY PAVEMENT AT THE WILLOW ROAD INTERSECTION OF ILLINOIS ROUTE 43.
 - c. CONSTRUCT THE PROPOSED RETAINING WALL ALONG THE SOUTH SIDE OF WILLOW ROAD FROM STA 711+98 TO 714+45.
 - d. REMOVE EXISTING PAVED SHOULDER ALONG THE SOUTH SIDE OF WILLOW ROAD FROM STA 661+00 TO STA 714+15. CONSTRUCT TEMPORARY PAVEMENT ALONG THE SOUTH EDGE OF PAVEMENT AS SHOWN ON THE STAGE 1 TYPICAL SECTIONS AND STAGING PLANS (SEE SHEETS NO. 113 TO 119).
 - e. CONSTRUCT THE TEMPORARY ACCESS FROM GRAEMERE STREET FOR THE DRIVEWAY ON THE SOUTH SIDE OF WILLOW ROAD AT STA 695+18.
 - f. CONSTRUCT THE PROPOSED FORCE MAIN ALONG THE SOUTH SIDE OF WILLOW ROAD FROM STATION 642+60 TO 648+50.
 - g. CONSTRUCT THE WATER MAIN AND SERVICES FROM STATION 665+67 TO STATION 675+36. PRESSURE TEST AND CHLORINATE THE PROPOSED WATER MAIN AND TRANSFER SERVICES FROM THE EXISTING WATER MAIN TO THE PROPOSED WATER MAIN.
 - h. CONSTRUCT THE WATER MAIN FROM STATION 709+89 TO STATION 716+65. THIS INCLUDES THE PORTION OF WATER MAIN TO BE DIRECTIONALLY BORED UNDER THE MIDDLE FORK NORTH BRANCH OF THE CHICAGO RIVER. PRESSURE TEST AND CHLORINATE THE PROPOSED WATER MAIN WITHIN THIS STATION RANGE AND TRANSFER SERVICES FROM THE EXISTING WATER MAIN TO THE PROPOSED WATER MAIN. CONNECT EXISTING WATER MAIN TO PROPOSED WATER MAIN.
3. INSTALL TEMPORARY TRAFFIC SIGNALS ALONG WILLOW ROAD AT THE FOLLOWING INTERSECTIONS: ILLINOIS ROUTE 43, THREE LAKES DRIVE/FOX MEADOW DRIVE, SUNSET RIDGE ROAD, WAGNER ROAD, OLD WILLOW ROAD/NORTHFIELD ROAD, AND CENTRAL AVENUE/HAPP ROAD.
4. SEE SHEETS 146 TO 147 FOR THE WILLOW ROAD AT ILLINOIS ROUTE 43 INTERSECTION MAINTENANCE OF TRAFFIC.

STAGE 1

1. USE STAGE 1 STAGING PLAN SHEETS (SEE SHEETS NO. 113 TO 119).
2. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE SOUTH SIDE OF WILLOW ROAD. MAINTAIN TWO 11' THROUGH LANES FOR EASTBOUND TRAFFIC AND ONE 11' THROUGH LANE FOR THE WESTBOUND TRAFFIC FROM BEGINNING OF PROJECT TO STA 633+50. THE RIGHT EASTBOUND THROUGH LANE BECOMES A RIGHT TURN ONLY LANE AT THE INTERSECTION OF WILLOW ROAD AND ILLINOIS 43. MAINTAIN A MINIMUM OF ONE 11' THRU LANE IN EACH DIRECTION THROUGHOUT THE ENTIRE REST OF THE PROJECT LENGTH. AN 11' LEFT TURN LANE SHALL BE PROVIDED AT ALL SIGNALIZED INTERSECTION LOCATIONS UNLESS OTHERWISE SHOWN. (SEE SHEETS NO. 113 TO 119).
3. REMOVE EXISTING PAVEMENT AND SHOULDER OR CURB AND GUTTER ALONG THE NORTH SIDE OF WILLOW ROAD FROM STA 631+58 TO STA 726+76.
4. REMOVE THE PORTION OF LATERAL STORM SEWER AND CULVERTS WITHIN THE STAGE 1 CONSTRUCTION WORK ZONE AND THE EXISTING LONGITUDINAL STORM SEWER SYSTEM ALONG THE NORTH SIDE OF WILLOW ROAD AS SHOWN ON THE DRAINAGE PLANS (SEE SHEETS NO. 172 TO 178).
5. WITHIN THE STAGE 1 CONSTRUCTION WORK ZONE, CONSTRUCT ALL OF THE MAINLINE STORM SEWER AND THE LATERALS BETWEEN STA 631+58 AND STA 726+76. CONSULT THE DRAINAGE PLANS (SEE SHEETS NO. 179 TO 199) AND EROSION AND SEDIMENT CONTROL PLANS STAGE 1 (SEE SHEETS NO. 156 TO 171). A QUANTITY OF CLASS D PATCHES HAS BEEN PROVIDED FOR PATCHING TRENCHES OUTSIDE OF THE STAGE 1 CONSTRUCTION WORK ZONE.
6. CONSTRUCT THE WESTBOUND THRU LANES, RIGHT TURN LANES, OUTSIDE CURB AND GUTTER AND SIDEWALK ALONG THE NORTH SIDE OF WILLOW ROAD.
7. CONSTRUCT THE NORTH HALF OF THE WILLOW ROAD BRIDGE OVER THE MIDDLE FORK NORTH BRANCH OF THE CHICAGO RIVER.
8. CONSTRUCT THE NORTH PORTIONS OF THE INTERSECTIONS ALONG WILLOW ROAD BY ALTERNATELY CLOSING THESE INTERSECTIONS AND DETOURING LOCAL TRAFFIC TO ADJACENT INTERSECTIONS. THE CLOSING OF THE INTERSECTIONS WILL BE LIMITED TO A LONG WEEKEND CLOSURE (I.E. FRIDAY TO TUESDAY). ALL CLOSURES SHALL BE COORDINATED WITH THE VILLAGE OF NORTHFIELD AT LEAST TWO WEEKS IN ADVANCE OF THE CLOSURE.
9. CONSTRUCT ALL DRIVEWAYS ALONG THE NORTH SIDE OF WILLOW ROAD. DRIVEWAYS ARE TO REMAIN OPEN THROUGHOUT CONSTRUCTION UNLESS OTHERWISE SHOWN ON THE PLANS. PCC DRIVEWAYS SHALL BE CONSTRUCTED ONE LANE AT A TIME WHILE PROVIDING TWO LANES FOR TRAFFIC. HMA DRIVEWAYS SHALL BE CONSTRUCTED ONE HALF AT A TIME WHILE UTILIZING TEMPORARY ACCESS FOR TRAFFIC.
10. INSTALL PERMANENT LIGHTING ALONG THE NORTH SIDE OF WILLOW ROAD.
11. CONSTRUCT THE WATER MAIN AND SERVICES BETWEEN STATION 675+36 AND 709+89, AND EAST OF STATION 716+65, LOCATED WITHIN THE STAGE 1 CONSTRUCTION WORK ZONE AS SHOWN ON THE WATER MAIN PLANS (SEE SHEETS NO. 215 TO 230).
12. CONSTRUCT THE SANITARY SEWER, THE FORCE MAIN AND SERVICES WITHIN THE STAGE 1 CONSTRUCTION ZONE. CONSTRUCT THE FORCE MAIN CROSSING AT STATION 648+50.
13. COMPLETE LANDSCAPING ALONG THE NORTH SIDE OF WILLOW ROAD. (SEE SHEETS NO. 334 TO 342).



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1

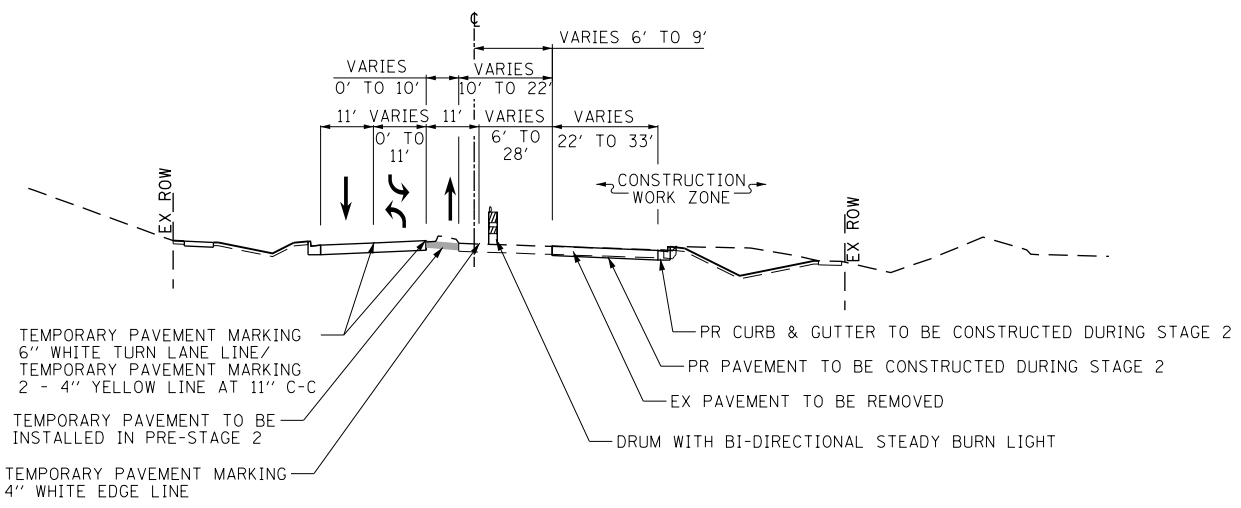
WILLOW ROAD
STATION 715+60.00 TO STATION 726+76.26

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		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
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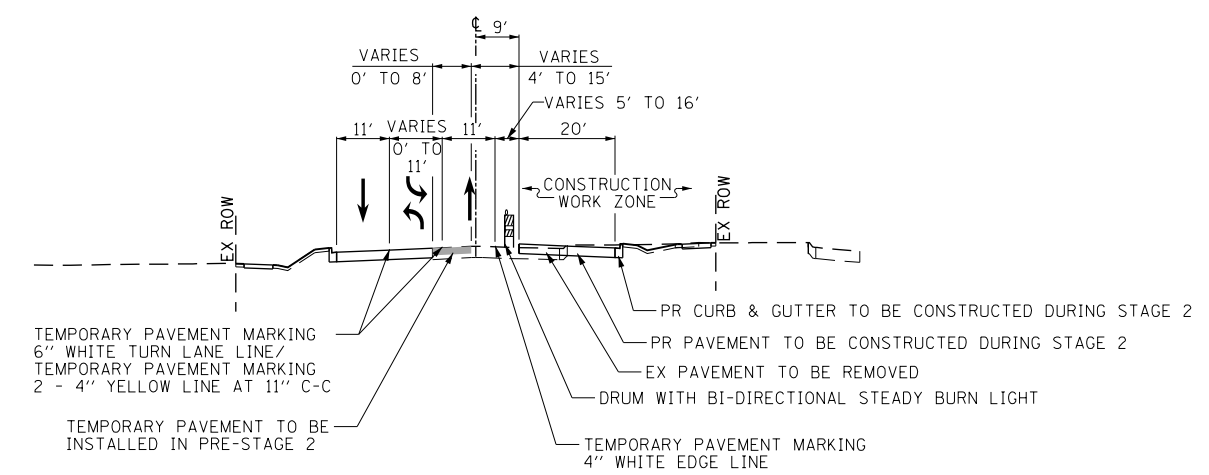
SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND NOTES	
SCALE: N.T.S.	SHEET NO. 105 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



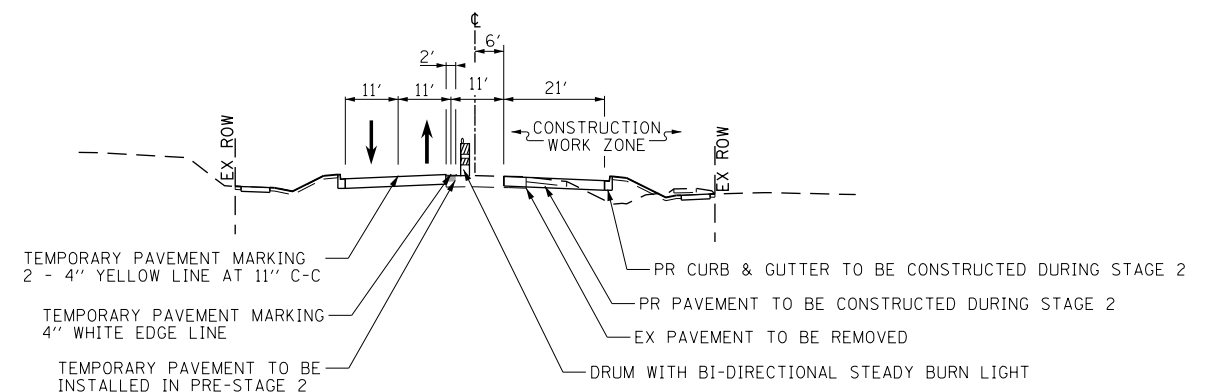
MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

WILLOW ROAD
STATION 631+27.95 TO STATION 658+08.00



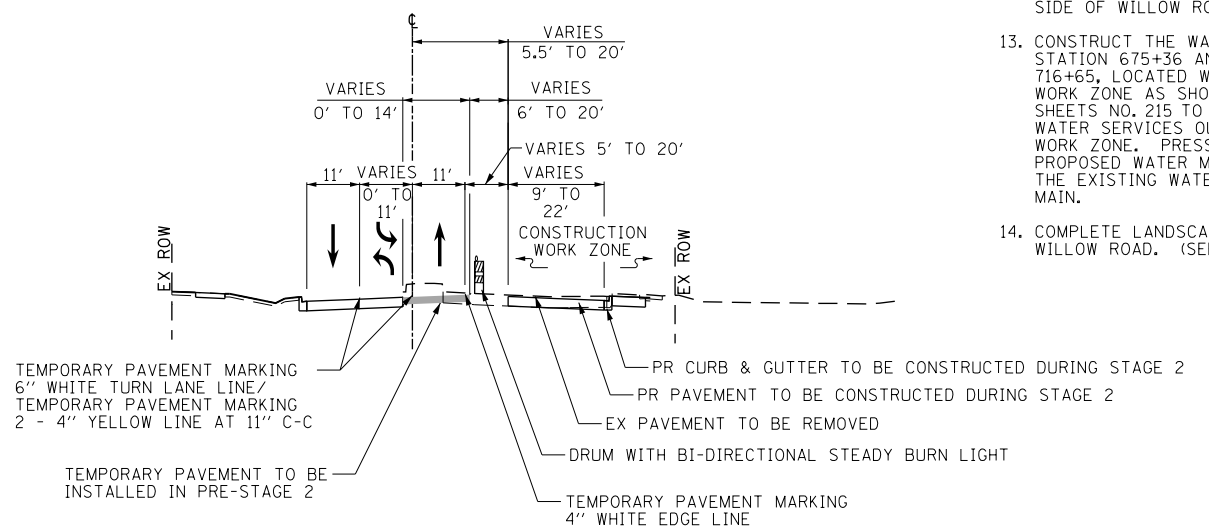
MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

WILLOW ROAD
STATION 658+08.00 TO STATION 668+92.00
STATION 696+71.61 TO STATION 715+60.00



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

WILLOW ROAD
STATION 668+92.00 TO STATION 696+71.61



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

WILLOW ROAD
STATION 715+60.00 TO STATION 726+76.26

POST-STAGE 1

1. MAINTAIN MINIMUM OF ONE 11' THROUGH LANE FOR EASTBOUND TRAFFIC ON WILLOW ROAD AS ESTABLISHED IN STAGE 1 CONSTRUCTION. SHIFT WESTBOUND TRAFFIC TO THE OUTSIDE WESTBOUND LANE CONSTRUCTED IN STAGE 1. REALIGN TEMPORARY TRAFFIC SIGNALS.
2. CONSTRUCT TEMPORARY PAVEMENT AT THE LOCATIONS SHOWN ON THE STAGE 2 PLAN SHEETS (123 TO 129) TO TIE THE PAVEMENT THAT WAS CONSTRUCTED IN STAGE 1 TO THE EXISTING PAVEMENT, AND TO PATCH OVER THE DRAINAGE LATERALS THAT NEED TO BE CONSTRUCTED AFTER STAGE 1 BUT PRIOR TO STAGE 2. SEE SHEET NO. 111 FOR GUIDANCE ON TEMPORARY PAVEMENT CROSS SLOPES. WHEN LANE CLOSURES ARE REQUIRED, STANDARD 701421-05, 701501-06, 701601-07, 701606-08, OR 701701-08 AS NEEDED FOR DAYTIME LANE CLOSURES SHALL BE USED. A MINIMUM OF ONE LANE SHALL BE MAINTAINED IN EACH DIRECTION.
3. CLOSE THE WESTBOUND TEMPORARY LEFT TURN LANES INSTALLED DURING STAGE 1 CONSTRUCTION ALTERNATELY TO CONSTRUCT THE PROPOSED WESTBOUND LEFT TURN LANES AT THE SIGNALIZED INTERSECTIONS ALONG WILLOW ROAD.

STAGE 2

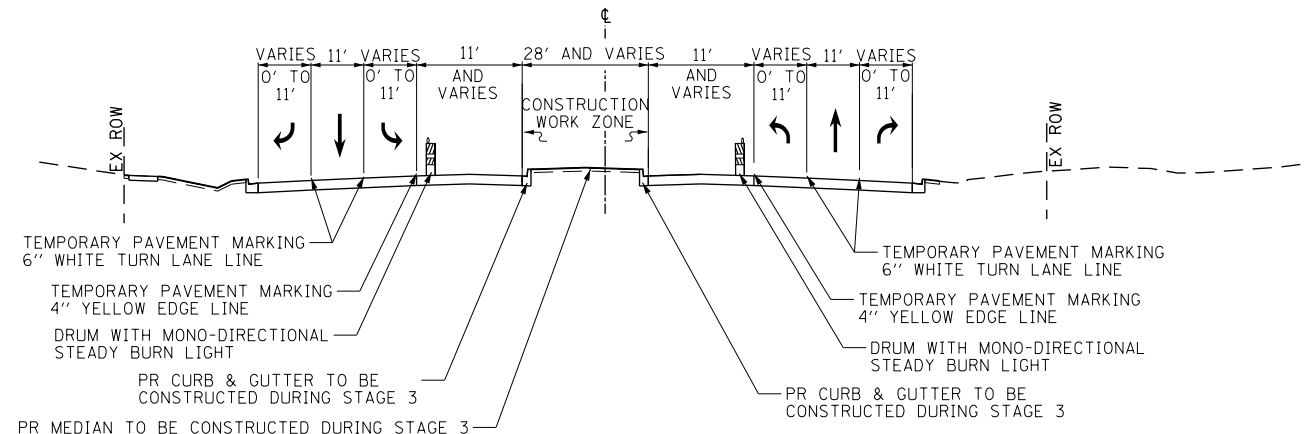
1. USE STAGE 2 STAGING PLAN SHEETS (SEE SHEETS NO. 123 TO 129).
2. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE NORTH SIDE OF WILLOW ROAD. MAINTAIN A MINIMUM OF ONE 11' THRU LANE IN EACH DIRECTION THROUGHOUT THE ENTIRE PROJECT LENGTH. AN 11' LEFT TURN LANE SHALL BE PROVIDED AT ALL SIGNALIZED INTERSECTION LOCATIONS. REALIGN TEMPORARY TRAFFIC SIGNALS.
3. REMOVE EXISTING PAVEMENT AND CURB AND GUTTER ALONG THE SOUTH SIDE OF WILLOW ROAD FROM STA 631+58 TO STA 726+76.
4. REMOVE THE PORTION OF LATERAL STORM SEWER AND CULVERTS WITHIN THE STAGE 2 CONSTRUCTION WORK ZONE AND THE EXISTING LONGITUDINAL STORM SEWER SYSTEM ALONG THE SOUTH SIDE OF WILLOW ROAD AS SHOWN ON THE DRAINAGE PLANS (SEE SHEETS NO. 172 TO 178).
5. WITHIN THE STAGE 2 CONSTRUCTION WORK ZONE CONSTRUCT ALL OF THE REMAINING MAINLINE STORM SEWER AND LATERALS. CONSULT THE DRAINAGE PLANS (SEE SHEETS NO. 179 TO 199) AND EROSION AND SEDIMENT CONTROL PLANS STAGE 2 (SEE SHEETS NO. 156 TO 171). A QUANTITY OF CLASS D PATCHES HAS BEEN PROVIDED FOR PATCHING TRENCHES OUTSIDE OF THE STAGE 2 CONSTRUCTION WORK ZONE.
6. CONSTRUCT THE EASTBOUND THRU LANES, RIGHT TURN LANES, OUTSIDE CURB AND GUTTER AND SIDEWALK ALONG THE SOUTH SIDE OF WILLOW ROAD.
7. CONSTRUCT THE SOUTH HALF OF THE WILLOW ROAD BRIDGE OVER THE MIDDLE FORK NORTH BRANCH OF THE CHICAGO RIVER.
8. CONSTRUCT THE SOUTH PORTIONS OF THE INTERSECTIONS ALONG WILLOW ROAD BY ALTERNATELY CLOSING THESE INTERSECTIONS AND DETOURING LOCAL TRAFFIC TO ADJACENT INTERSECTIONS. THE CLOSING OF THE INTERSECTIONS WILL BE LIMITED TO A LONG WEEKEND CLOSURE (I.E. FRIDAY TO TUESDAY). ALL CLOSURES SHALL BE COORDINATED WITH THE VILLAGE OF NORTHFIELD AT LEAST TWO WEEKS IN ADVANCE OF THE CLOSURE.
9. CONSTRUCT ALL DRIVEWAYS ALONG THE SOUTH SIDE OF WILLOW ROAD. DRIVEWAYS ARE TO REMAIN OPEN THROUGHOUT CONSTRUCTION UNLESS OTHERWISE SHOWN ON THE PLANS. PCC DRIVEWAYS SHALL BE CONSTRUCTED ONE LANE AT A TIME WHILE PROVIDING TWO LANES FOR TRAFFIC. HMA DRIVEWAYS SHALL BE CONSTRUCTED ONE HALF AT A TIME WHILE UTILIZING TEMPORARY ACCESS FOR TRAFFIC.
10. CONSTRUCT BRIDGE WORK ALONG THE SOUTH SIDEWALK AND PARAPET AT THE WILLOW ROAD BRIDGE OVER INTERSTATE 94.
11. CONSTRUCT THE RAMP WORK AT THE INTERSTATE 94 EXIT AND ENTRANCE RAMP JUNCTIONS ALONG WILLOW ROAD.
12. INSTALL PERMANENT LIGHTING ALONG THE SOUTH SIDE OF WILLOW ROAD.
13. CONSTRUCT THE WATER MAIN AND SERVICES BETWEEN STATION 675+36 AND 709+89, AND EAST OF STATION 716+65, LOCATED WITHIN THE STAGE 2 CONSTRUCTION WORK ZONE AS SHOWN ON THE WATER MAIN PLANS (SEE SHEETS NO. 215 TO 230). DIRECTIONALLY BORE THE WATER SERVICES OUTSIDE THE STAGE 2 CONSTRUCTION WORK ZONE. PRESSURE TEST AND CHLORINATE THE PROPOSED WATER MAIN AND TRANSFER SERVICES FROM THE EXISTING WATER MAIN TO THE PROPOSED WATER MAIN.
14. COMPLETE LANDSCAPING ALONG THE SOUTH SIDE OF WILLOW ROAD. (SEE SHEETS NO. 334 TO 342).

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

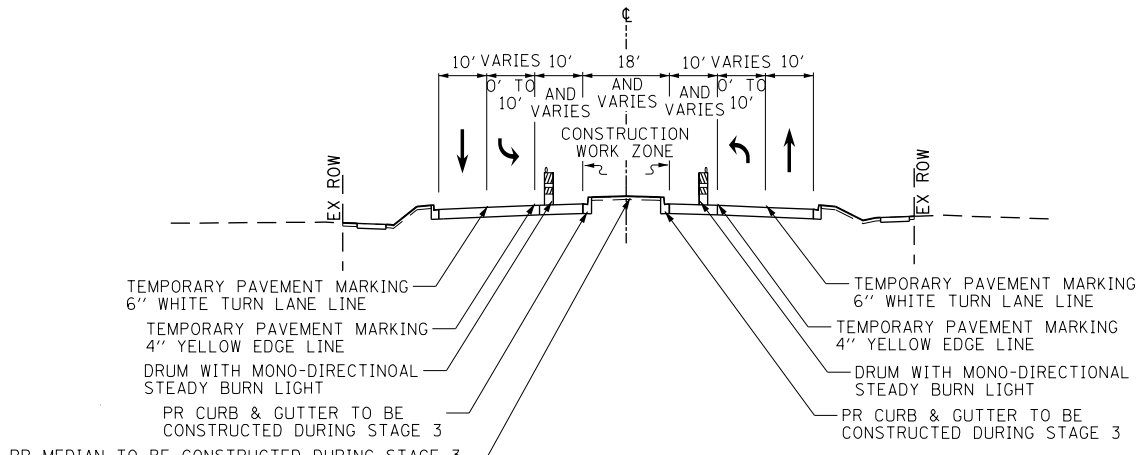
SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND NOTES	
SCALE: N.T.S.	SHEET NO. 106 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	106
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



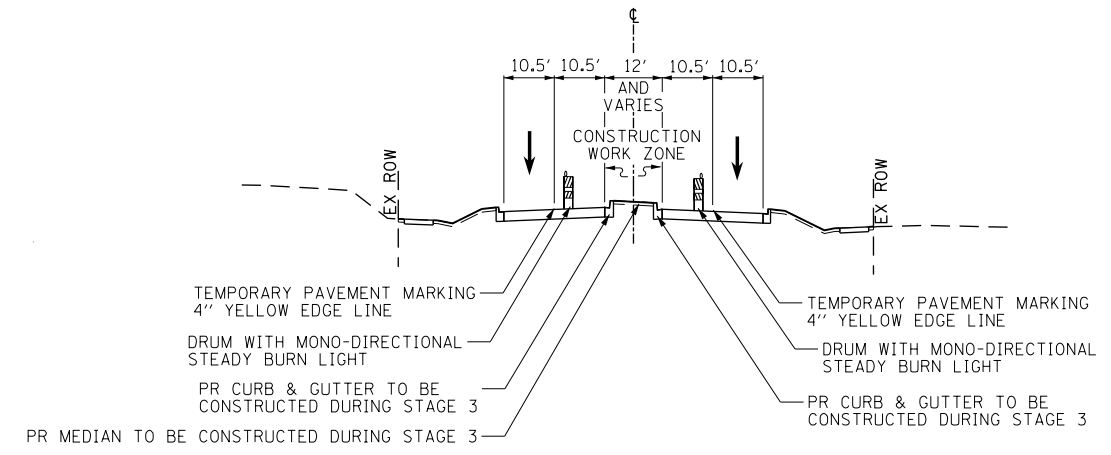
MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3

WILLOW ROAD
STATION 631+27.95 TO STATION 653+10.00



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3

WILLOW ROAD
STATION 653+10.00 TO STATION 668+92.00
STATION 696+71.61 TO STATION 715+60.00



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3

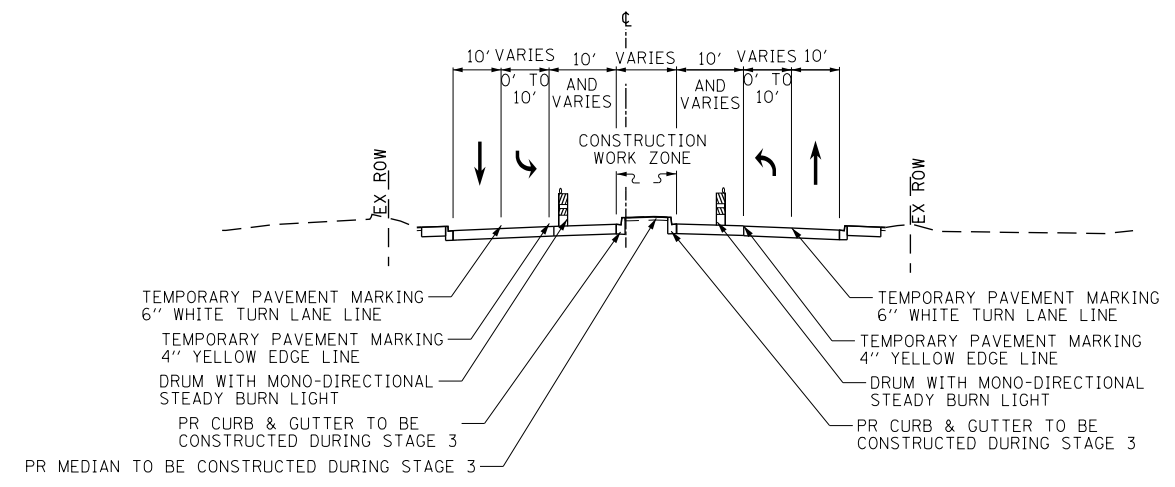
WILLOW ROAD
STATION 668+92.00 TO STATION 696+71.61

PRE-STAGE 3

- USE STAGE 3 STAGING PLAN SHEETS (SEE SHEETS NO. 136 TO 142).
- MAINTAIN MINIMUM OF ONE 10' THROUGH LANE FOR WESTBOUND TRAFFIC ON WILLOW ROAD AS ESTABLISHED FOR STAGE 2 CONSTRUCTION. SHIFT EASTBOUND TRAFFIC TO THE OUTSIDE EASTBOUND LANE CONSTRUCTED IN STAGE 2. A MINIMUM 10' LEFT TURN LANE SHALL BE PROVIDED AT ALL SIGNALIZED INTERSECTION LOCATIONS SHOWN ON THE STAGE 3 STAGING PLAN SHEETS. A RIGHT TURN LANE SHALL BE PROVIDED AT THE INTERSECTION OF WILLOW ROAD WITH ILLINOIS ROUTE 43 AND THE INTERSECTION OF WILLOW ROAD WITH THREE LAKES DRIVE WESTBOUND. REALIGN TEMPORARY TRAFFIC SIGNALS. CLOSE TEMPORARY LEFT TURN LANES ALTERNATELY TO CONSTRUCT THE REMAINING PROPOSED LEFT TURN LANES ALONG WILLOW ROAD.

STAGE 3

- REMOVE REMAINING PAVEMENT, MEDIAN AND STORM SEWER ALONG WILLOW ROAD FROM STA 631+58 TO STA 726+76 AS SHOWN ON THE ROADWAY AND DRAINAGE REMOVAL PLANS (SEE SHEETS NO. 57 TO 61 AND 172 TO 178).
- WITHIN THE STAGE 3 CONSTRUCTION WORK ZONE, CONSTRUCT THE REMAINING MAINLINE STORM SEWER, CONSTRUCT THE PORTION OF THE LATERALS FROM STA 631+58 TO STA 726+76 WITHIN THE STAGE 3 CONSTRUCTION WORK ZONE. CONSULT THE DRAINAGE PLANS (SEE SHEETS NO. 179 TO 199) AND EROSION AND SEDIMENT CONTROL PLANS STAGE 3 (SEE SHEETS NO. 156 TO 171).
- FILL REMAINING STORM SEWERS THAT WILL NO LONGER BE IN USE AS SHOWN ON THE DRAINAGE PLANS (SEE SHEETS NO. 179 TO 199).
- CONSTRUCT ALL REMAINING PAVEMENT ALONG WILLOW ROAD.
- CONSTRUCT THE MEDIAN ALONG WILLOW ROAD FROM STA 631+58 TO STA 726+76 AS SHOWN ON THE STAGE 3 STAGING PLAN (SEE SHEETS NO. 136 TO 142).
- COMPLETE MEDIAN LANDSCAPING ALONG WILLOW ROAD.
- PLACE PERMANENT PAVEMENT MARKINGS (SEE SHEETS NO. 276 TO 288) ALONG WILLOW ROAD.
- PLACE PERMANENT TRAFFIC SIGNALS.
- OPEN ROADWAY TO TWO-WAY FOUR-LANE TRAFFIC FLOW.



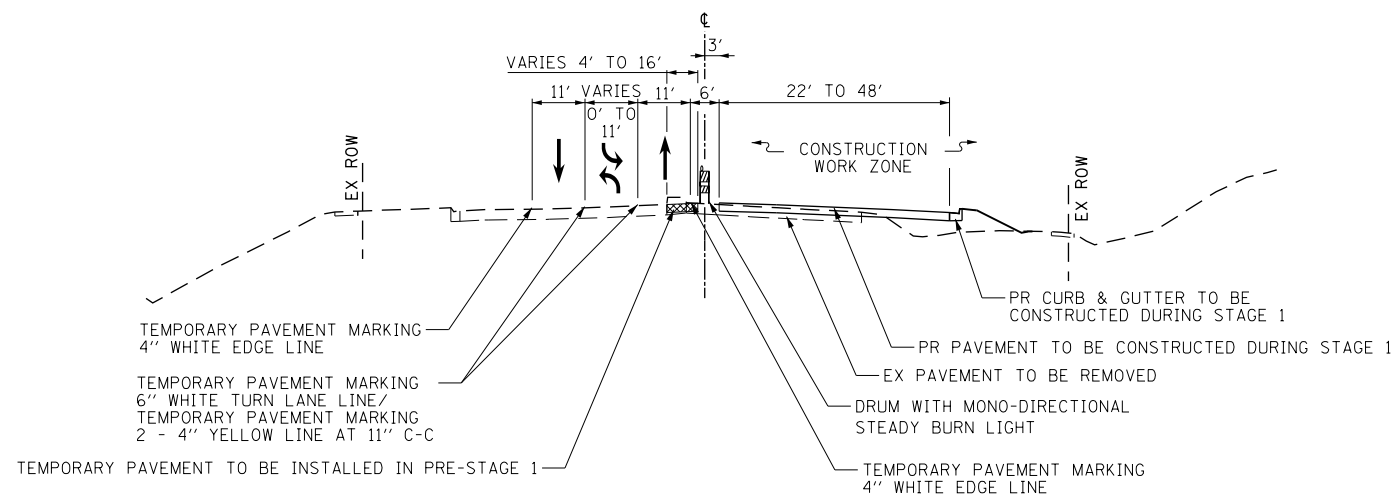
MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3

WILLOW ROAD
STATION 715+60.00 TO STATION 726+76.26

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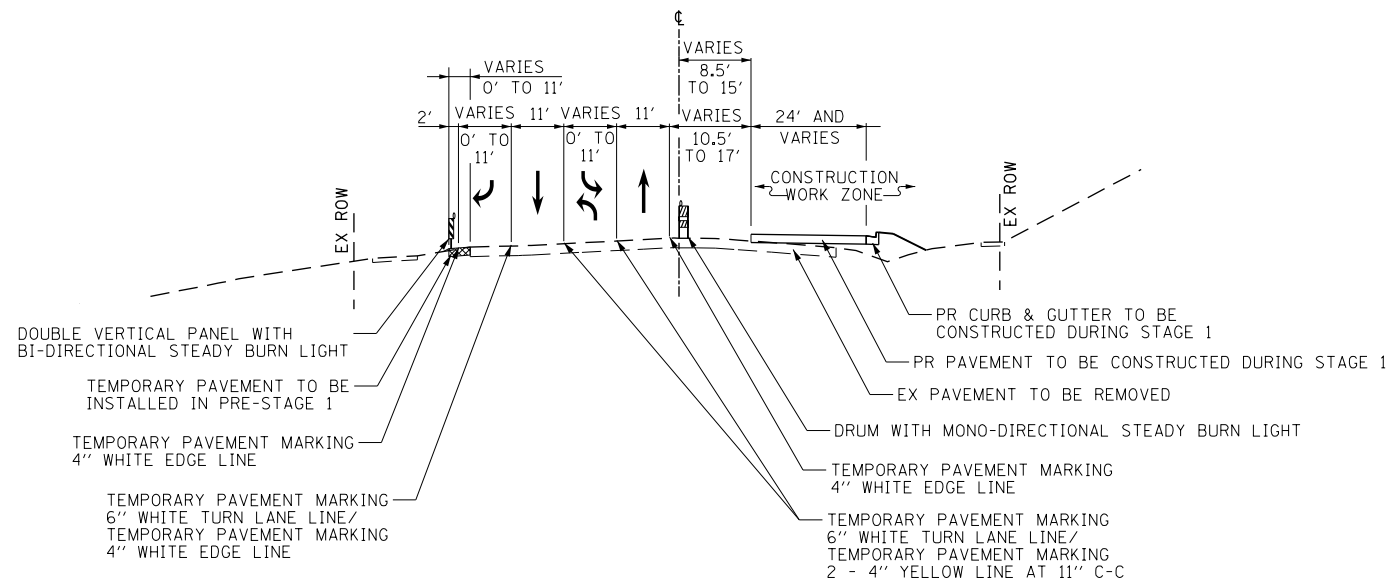
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S.		SHEET NO. 107 OF 919 SHEETS		SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND NOTES WILLOW ROAD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
								305	(1920.01,1518,2022&1922.4)R	COOK	919	107
								CONTRACT NO. 60T35				
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1

ILLINOIS ROUTE 43
STATION 507+23.00 TO STATION 516+00.00



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1

ILLINOIS ROUTE 43
STATION 516+00.00 TO STATION 527+28.72

PRE-STAGE 1

1. MAINTAIN TWO-WAY TRAFFIC FLOW ON ILLINOIS ROUTE 43.
2. THE FOLLOWING SHALL BE COMPLETED USING STANDARD 701421-05, 701501-06, 701601-07, 701606-08, OR 701701-08 AS NEEDED FOR DAYTIME LANE CLOSURES. A MINIMUM OF ONE LANE SHALL BE MAINTAINED IN EACH DIRECTION.
 - a. REMOVE THE EXISTING MEDIAN ALONG ILLINOIS ROUTE 43 FROM STA 503+88 TO STA 515+46 AND REPLACE WITH TEMPORARY PAVEMENT. SEE SHEET NO. 112 FOR GUIDANCE ON TEMPORARY PAVEMENT CROSS SLOPES.
 - b. REMOVE EXISTING CORNER ISLAND AND REPLACE WITH TEMPORARY PAVEMENT AT THE INTERSECTION OF WILLOW ROAD AND ILLINOIS ROUTE 43 (STATED IN PRE-STAGE 1 CONSTRUCTION NOTES FOR WILLOW ROAD).
 - c. CONSTRUCT TEMPORARY PAVEMENT ALONG THE WEST EDGE OF PAVEMENT ON ILLINOIS ROUTE 43 FROM STA 519+19 TO STA 524+38 AS SHOWN ON THE STAGE 1 TYPICAL SECTION AND STAGING PLANS (SEE SHEETS NO. 120 TO 122).
3. INSTALL TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF ILLINOIS ROUTE 43 AND THREE LAKES DRIVE. THE INSTALLATION OF TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF WILLOW ROAD AND ILLINOIS ROUTE 43 WAS STATED IN PRE-STAGE 1 CONSTRUCTION NOTES FOR WILLOW ROAD.
4. SEE SHEETS NO. 146 TO 147 FOR THE WILLOW RD AT ILLINOIS ROUTE 43 INTERSECTION MAINTENANCE OF TRAFFIC.

STAGE 1

1. USE THE STAGE 1 STAGING PLAN SHEETS (SEE SHEETS NO. 120 TO 122).
2. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE WEST SIDE OF ILLINOIS ROUTE 43. MAINTAIN A MINIMUM OF ONE 11' THRU LANE IN EACH DIRECTION. AN 11' LEFT TURN LANE SHALL BE PROVIDED AT ALL SIGNALIZED INTERSECTION LOCATIONS. (SEE SHEETS NO. 120 TO 122).
3. REMOVE EXISTING PAVEMENT AND SHOULDER OR CURB AND GUTTER ALONG THE EAST SIDE OF WILLOW ROAD FROM STA 507+23 TO STA 527+29.
4. REMOVE THE PORTION OF LATERAL STORM SEWER AND CULVERTS WITHIN THE STAGE 1 CONSTRUCTION WORK ZONE AND THE EXISTING LONGITUDINAL STORM SEWER SYSTEM ALONG THE EAST SIDE OF ILLINOIS ROUTE 43 AS SHOWN ON THE DRAINAGE PLANS (SEE SHEETS NO. 172 TO 178).
5. WITHIN THE STAGE 1 CONSTRUCTION WORK ZONE, CONSTRUCT ALL OF THE MAINLINE STORM SEWER AND THE LATERALS BETWEEN STA 507+23 AND STA 527+29. CONSULT THE DRAINAGE PLANS (SEE SHEETS NO. 179 TO 199) AND EROSION AND SEDIMENT CONTROL PLANS STAGE 1 (SEE SHEETS NO. 156 TO 171). A QUANTITY OF CLASS D PATCHES HAS BEEN PROVIDED FOR PATCHING TRENCHES OUTSIDE OF THE STAGE 1 CONSTRUCTION WORK ZONE.
6. CONSTRUCT THE NORTHBOUND THRU LANES, RIGHT TURN LANES, OUTSIDE CURB AND GUTTER AND SIDEWALK ALONG THE EAST SIDE OF ILLINOIS ROUTE 43.
7. CONSTRUCT THE FORCE MAIN WITHIN THE STAGE 1 CONSTRUCTION ZONE.
8. COMPLETE LANDSCAPING ALONG THE EAST SIDE OF ILLINOIS ROUTE 43. (SEE SHEETS NO. 334 TO 342).
9. AFTER STAGE 1 CONSTRUCTION IS COMPLETE, TEMPORARY PAVEMENT IS TO BE PLACED AT THE LOCATIONS SHOWN ON THE STAGE 2 PLAN SHEETS (120 TO 122) TO TIE THE PAVEMENT THAT WAS CONSTRUCTED IN STAGE 1 TO THE EXISTING PAVEMENT, AND TO PATCH OVER THE DRAINAGE LATERALS THAT NEED TO BE CONSTRUCTED AFTER STAGE 1 BUT PRIOR TO STAGE 2. SEE SHEET NO. 112 FOR GUIDANCE ON TEMPORARY PAVEMENT CROSS SLOPES.

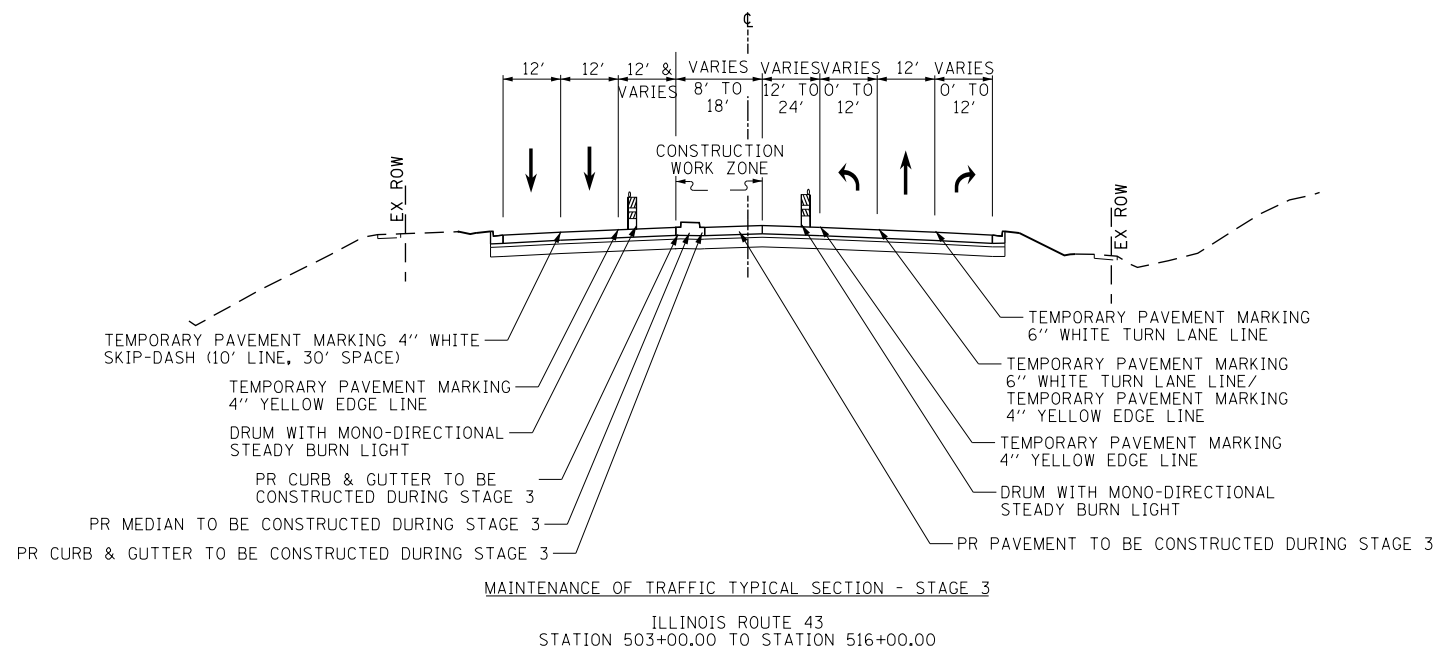
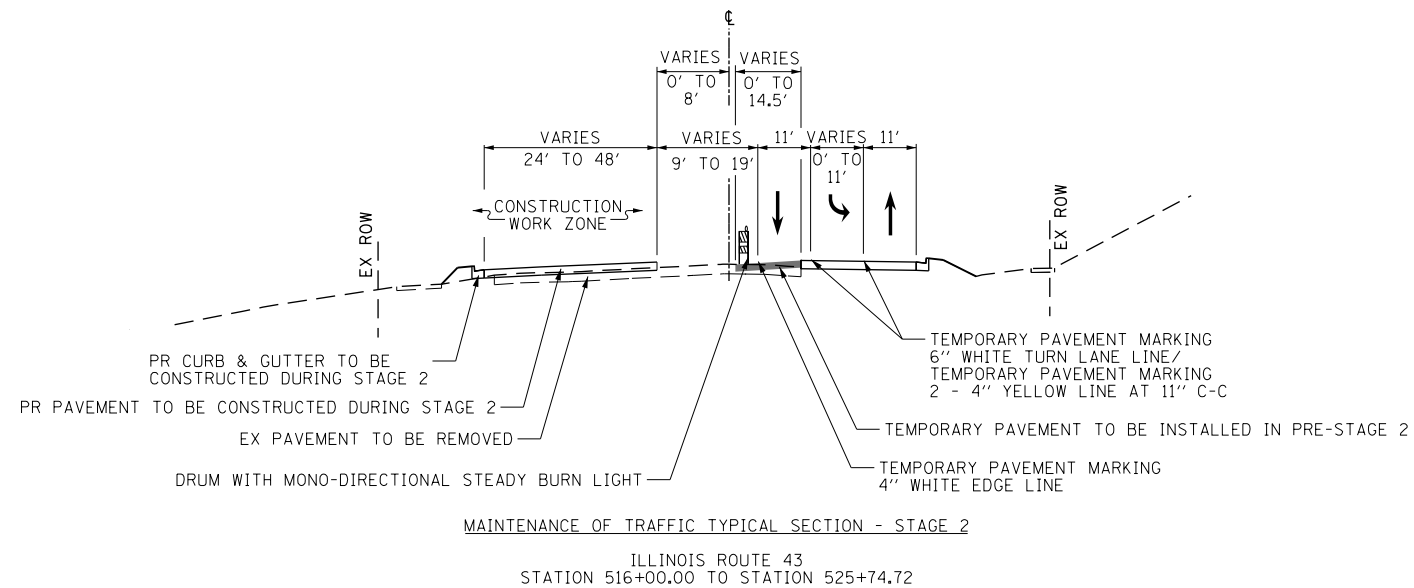
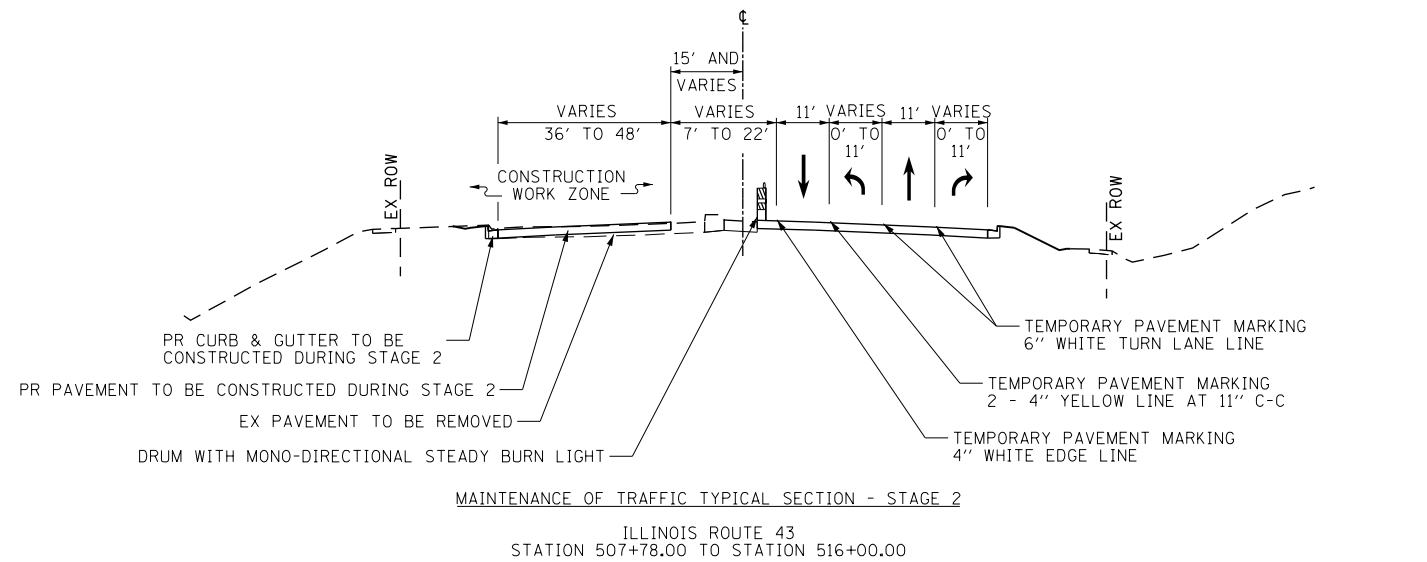
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	PLOT DATE = 11/29/2012	DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND NOTES
ILLINOIS ROUTE 43

SCALE: N.T.S. SHEET NO. 108 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	108
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

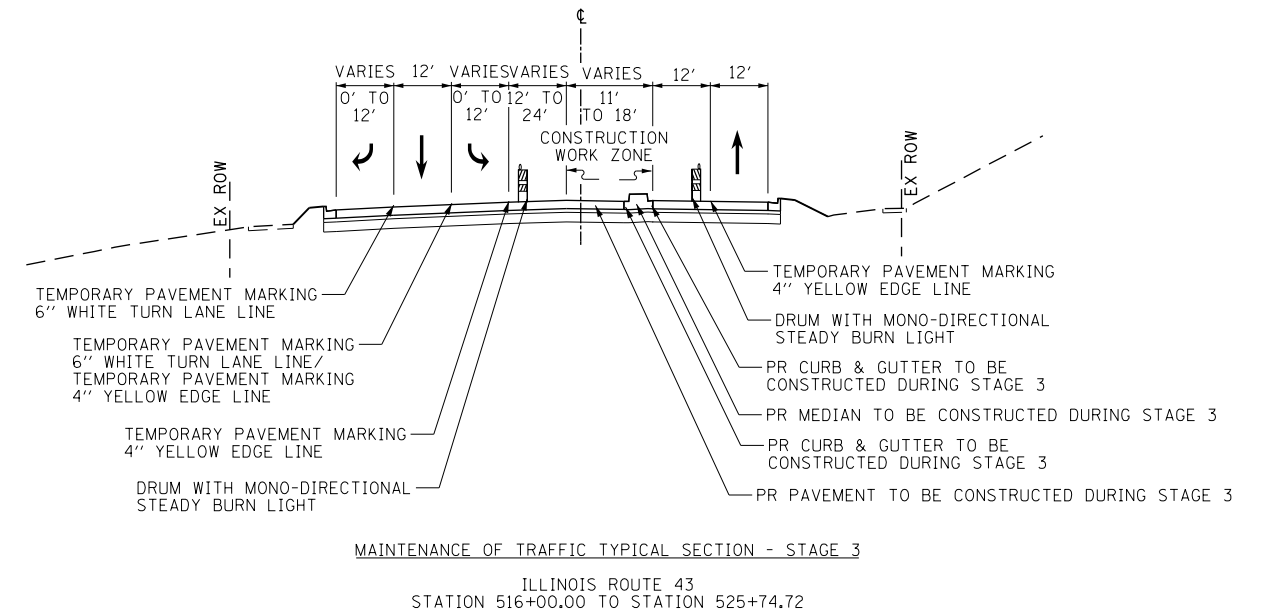


STAGE 2

1. USE THE STAGE 2 STAGING PLAN SHEETS (SEE SHEETS NO. 130 TO 132).
2. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE EAST SIDE OF ILLINOIS ROUTE 43. MAINTAIN A MINIMUM OF ONE 11' THRU LANE IN EACH DIRECTION. AN 11' LEFT TURN LANE SHALL BE PROVIDED AT ALL SIGNALIZED INTERSECTION LOCATIONS SHOWN ON THE STAGE 2 STAGING PLAN SHEETS.
3. REMOVE EXISTING PAVEMENT AND CURB AND GUTTER ALONG THE WEST SIDE OF WILLOW ROAD FROM STA 507+78 TO STA 525+75.
4. REMOVE THE PORTION OF LATERAL STORM SEWER WITHIN THE STAGE 2 CONSTRUCTION WORK ZONE AND THE EXISTING LONGITUDINAL STORM SEWER SYSTEM ALONG THE WEST SIDE OF ILLINOIS ROUTE 43 AS SHOWN ON THE DRAINAGE PLANS (SEE SHEETS NO. 172 TO 178).
5. CONSTRUCT ALL OF THE REMAINING STORM SEWER AND LATERALS WITHIN THE STAGE 2 CONSTRUCTION WORK ZONE. CONSULT THE DRAINAGE PLANS (SEE SHEETS NO. 179 TO 199) AND EROSION AND SEDIMENT CONTROL PLANS STAGE 2 (SEE SHEETS NO. 156 TO 171). A QUANTITY OF CLASS D PATCHES HAS BEEN PROVIDED FOR PATCHING TRENCHES OUTSIDE OF THE STAGE 2 CONSTRUCTION WORK ZONE.
6. CONSTRUCT THE SOUTHBOUND THROUGH LANES, RIGHT TURN LANES, OUTSIDE CURB AND GUTTER AND SIDEWALK ALONG THE WEST SIDE OF ILLINOIS ROUTE 43.
7. COMPLETE LANDSCAPING ALONG THE WEST SIDE OF ILLINOIS ROUTE 43. (SEE SHEETS NO. 334 TO 342).
8. REALIGN TEMPORARY TRAFFIC SIGNALS.

STAGE 3

1. USE THE STAGE 3 STAGING PLAN SHEETS (SEE SHEETS NO. 143 TO 145).
2. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE OUTSIDE LANES OF ILLINOIS ROUTE 43. MAINTAIN A MINIMUM OF ONE 12' THRU LANE IN EACH DIRECTION. THE NORTHBOUND THROUGH LANE SHOULD BE LOCATED ON THE OUTSIDE NORTHBOUND LANE THAT WAS CONSTRUCTED IN STAGE 1 AND THE SOUTHBOUND THROUGH LANE SHOULD BE LOCATED ON THE OUTSIDE SOUTHBOUND THROUGH LANE THAT WAS CONSTRUCTED IN STAGE 2. A 12' LEFT TURN LANE AND A 12' RIGHT TURN LANE SHALL BE PROVIDED AT ALL SIGNALIZED INTERSECTION LOCATIONS (SEE SHEETS NO. 143 TO 145).
3. REMOVE REMAINING PAVEMENT, MEDIAN AND STORM SEWER ALONG ILLINOIS ROUTE 43 FROM STA 507+78 TO STA 525+75 AS SHOWN ON THE ROADWAY AND DRAINAGE PLANS (SEE SHEETS NO. 57 TO 61 AND 172 TO 178).
4. WITHIN THE STAGE 3 CONSTRUCTION WORK ZONE CONSTRUCT THE REMAINING STORM SEWER. CONSTRUCT THE PORTION OF THE LATERALS FROM STA 507+78 TO STA 525+75 WITHIN THE STAGE 3 CONSTRUCTION WORK ZONE. CONSULT THE DRAINAGE PLANS (SEE SHEETS NO. 179 TO 199) AND EROSION AND SEDIMENT CONTROL PLANS STAGE 3 (SEE SHEETS NO. 156 TO 171).
5. FILL REMAINING STORM SEWERS THAT WILL NO LONGER BE IN USE AS SHOWN ON THE DRAINAGE PLANS (SEE SHEETS NO. 179 TO 199).
6. CONSTRUCT ALL REMAINING PAVEMENT ALONG ILLINOIS ROUTE 43.
7. CONSTRUCT THE MEDIAN ALONG ILLINOIS ROUTE 43 FROM STA 507+78 TO STA 525+75 AS SHOWN ON THE STAGE 3 STAGING PLAN (SEE SHEETS NO. 143 TO 145).
8. COMPLETE MEDIAN LANDSCAPING ALONG ILLINOIS ROUTE 43. (SEE SHEETS NO. 334 TO 342).
9. PLACE PERMANENT PAVEMENT MARKINGS (SEE SHEETS NO. 276 TO 288) ALONG ILLINOIS ROUTE 43.
10. PLACE PERMANENT TRAFFIC SIGNALS.
11. OPEN ROADWAY TO TWO-WAY FOUR-LANE TRAFFIC FLOW.



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		CHECKED - RCB	REVISED -
		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

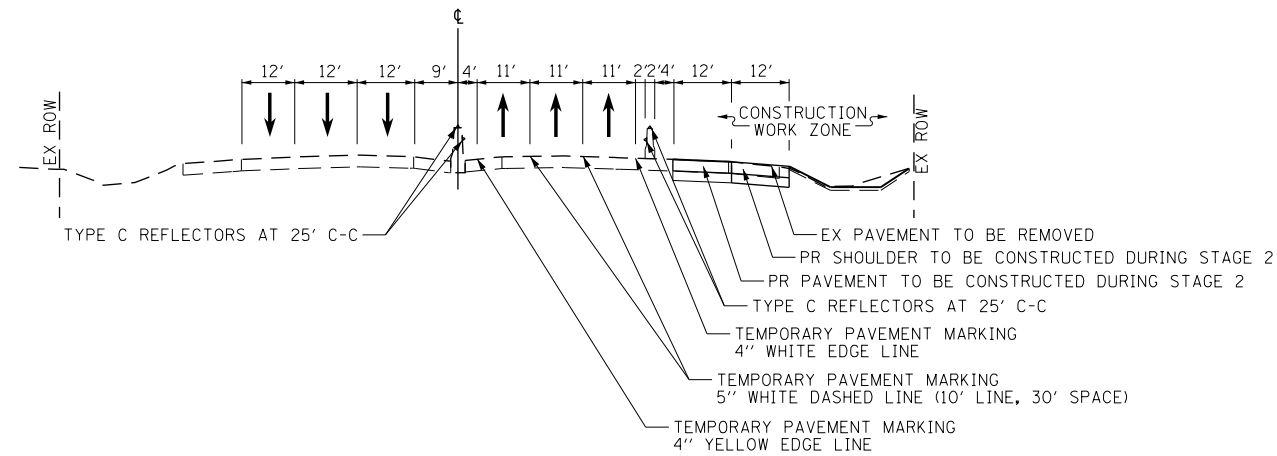
**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND NOTES
ILLINOIS ROUTE 43**

SCALE: N.T.S. SHEET NO. 109 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	109
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

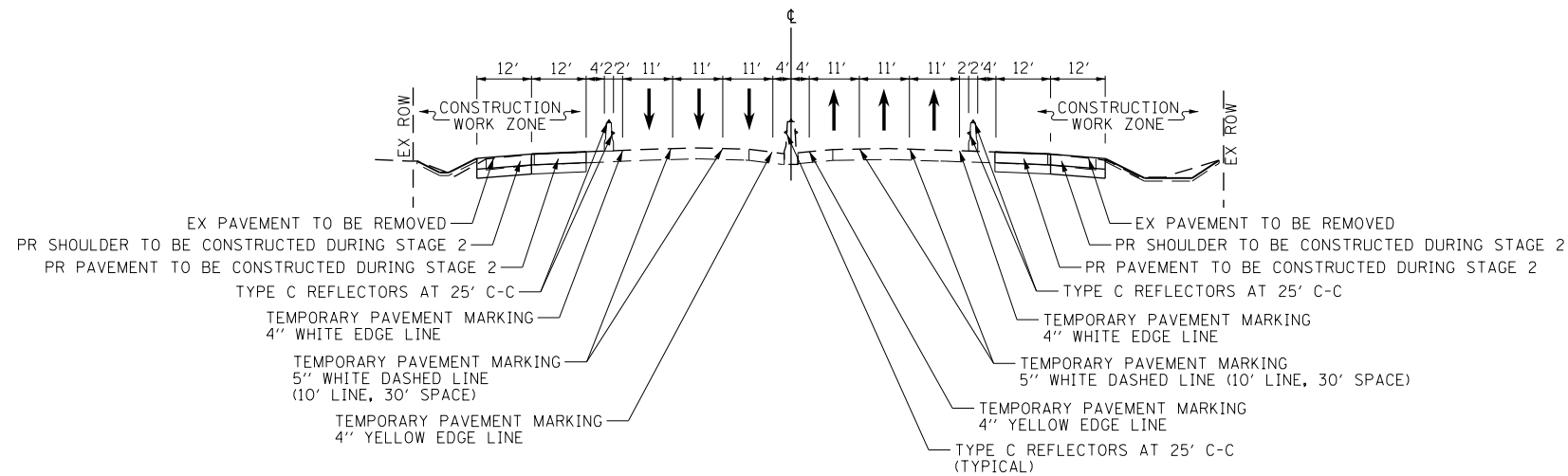
STAGE 2

1. USE STAGE 2 STAGING PLAN SHEETS (SEE SHEETS NO. 133 TO 135).
2. ESTABLISH TRAFFIC FLOW ON EASTBOUND AND WESTBOUND I-94 EDENS LANES WITH 3 LANES IN EACH DIRECTION. TRAFFIC SHALL SHIFT AND TAPER FROM 12' TO 11' ENTERING CONSTRUCTION LIMITS. LANES WILL SHIFT AND TAPER BACK TO EXISTING CONFIGURATION EXITING CONSTRUCTION LIMITS. ACCESS TO RAMP A SHALL BE MAINTAINED AT ALL TIMES. ACCESS TO RAMP D SHALL BE MAINTAINED EXCEPT DURING APPROVED DETOUR. RAMP D PAVEMENT SHALL BE COMPLETED DURING DETOUR (SEE SHEET NO.135 FOR APPROVED DETOUR ROUTE). CONTRACTOR MAY BEGIN PAVEMENT CONSTRUCTION AND GRADING PRIOR TO DETOUR BUT ANY AND ALL ACTIVITIES SHALL NOT IMPACT RAMP D TRAFFIC.
3. REMOVE PAVEMENT, SHOULDER, CURB AND GUTTER, AND ALL DRAINAGE ITEMS ALONG EAST AND WEST SIDES OF INTERSTATE 94.
4. GRADE DITCHES AND SIDESLOPES ALONG BOTH SIDES OF INTERSTATE 94 AS SHOWN IN PLANS.
5. INSTALL STORM SEWER AND STRUCTURES ALONG BOTH SIDES OF INTERSTATE 94.
6. INSTALL PERMANENT LIGHTING ALONG BOTH SIDES OF INTERSTATE 94.
7. CONSTRUCT PAVEMENT AND SHOULDERS FOR AUXILIARY LANE EXTENSIONS.
8. PLACE PERMANENT PAVEMENT MARKINGS ALONG EASTBOUND AND WESTBOUND LANES.
9. COMPLETE LANDSCAPING ALONG BOTH SIDES OF INTERSTATE 94.
10. COMPLETE STEEL BEAM REPAIRS ON THE WILLOW ROAD BRIDGE OVER INTERSTATE 94. THE CONTRACTOR SHALL PROVIDE A MAINTENANCE OF TRAFFIC PLAN FOR THIS WORK. THE MAINTENANCE OF TRAFFIC PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. THIS MAINTENANCE OF TRAFFIC PLAN SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).



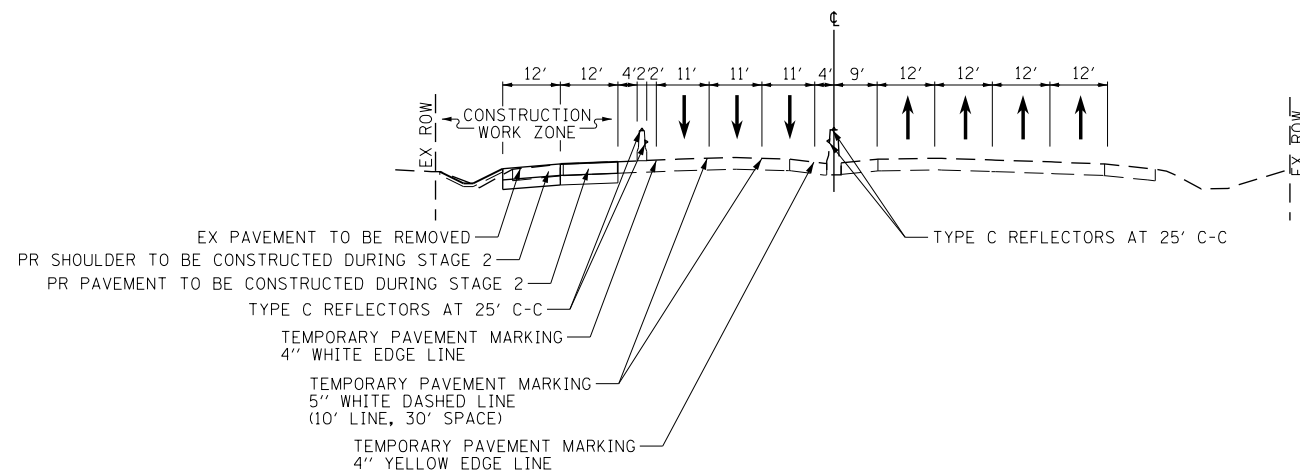
MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

INTERSTATE 94
STATION 420+27.00 TO STATION 425+53.00



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

INTERSTATE 94
STATION 425+53.00 TO STATION 433+70.00



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

INTERSTATE 94
STATION 433+70.00 TO STATION 437+39.00

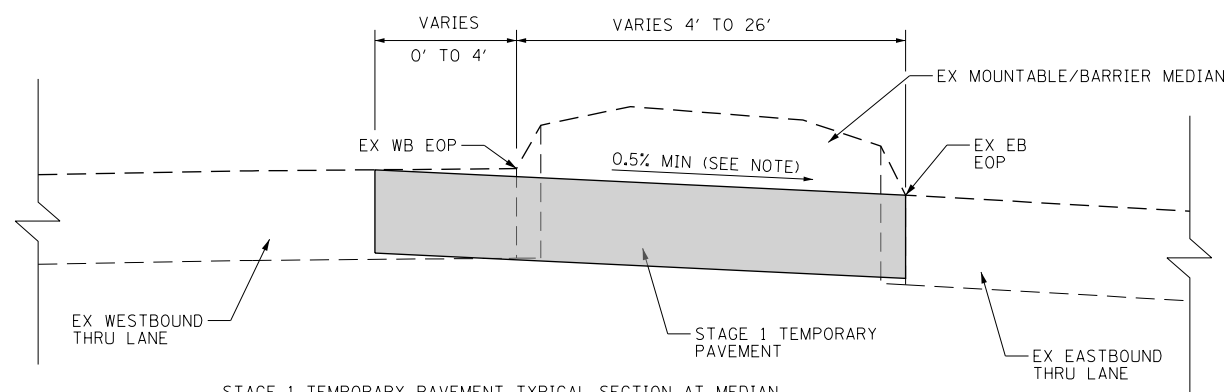
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PLOT DATE = 11/29/2012		DATE = 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND NOTES
INTERSTATE 94**

SCALE: N.T.S. SHEET NO. 110 OF 919 SHEETS

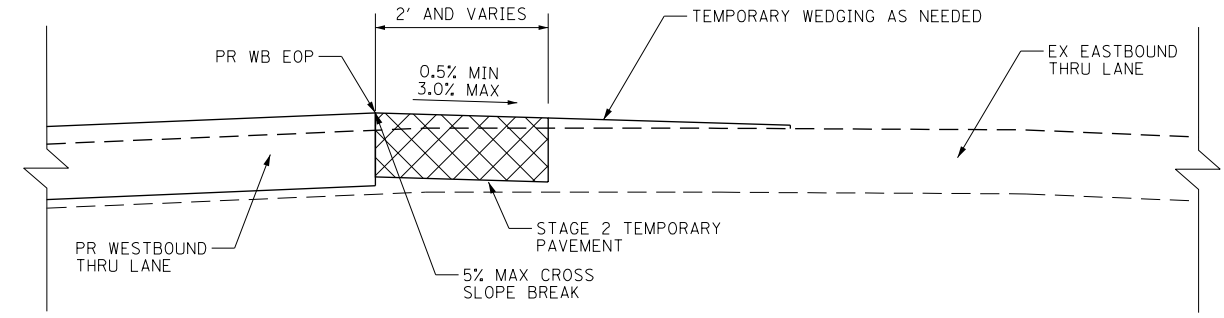
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	110
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



STAGE 1 TEMPORARY PAVEMENT TYPICAL SECTION AT MEDIAN

WILLOW ROAD
 STATION 627+80 TO STATION 640+95
 STATION 642+16 TO STATION 645+72
 STATION 653+90 TO STATION 656+38
 STATION 717+38 TO STATION 718+10
 STATION 718+99 TO STATION 721+68
 STATION 721+84 TO STATION 722+73
 STATION 723+79 TO STATION 726+04
 STATION 726+72 TO STATION 727+72

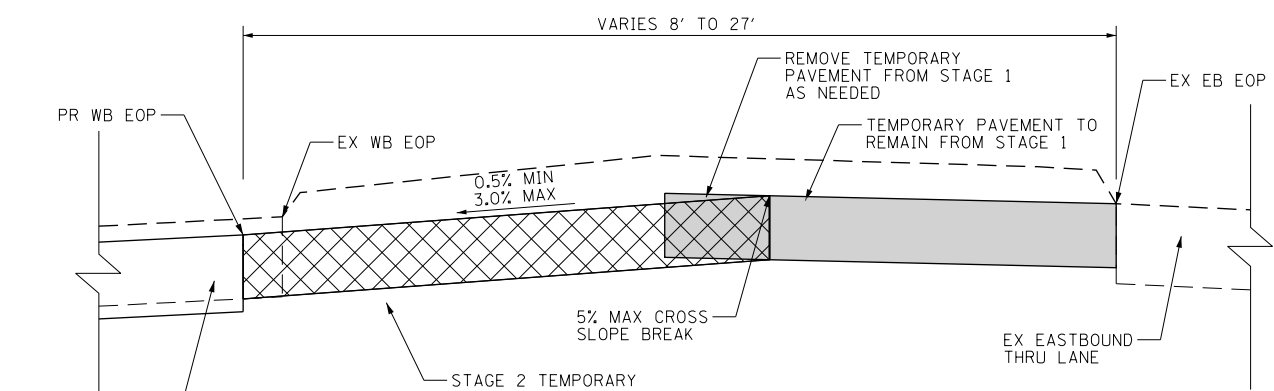
NOTE:
 THE TEMPORARY PAVEMENT SHALL BE SLOPED AT A MINIMUM OF 0.5%. DEPENDING ON THE LOCATION OF THE TEMPORARY PAVEMENT, IT WILL BE SLOPED TO FLOW TOWARDS THE EDGE OF PAVEMENT OR CROWNED IN THE MIDDLE TO ACHIEVE A MINIMUM SLOPE OF 0.5%.



STAGE 2 TEMPORARY PAVEMENT TYPICAL SECTION

WILLOW ROAD
 STATION 645+35 TO STATION 654+50
 STATION 666+00 TO STATION 671+70
 STATION 679+50 TO STATION 689+50
 STATION 698+40 TO STATION 706+50
 STATION 715+60 TO STATION 717+00

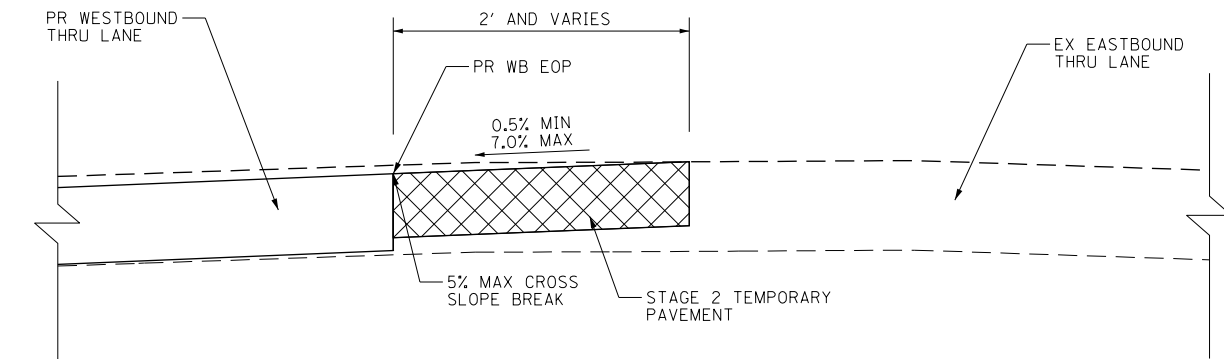
NOTE:
 THIS CONDITION REPRESENTS THE AREAS WHERE THE NEWLY CONSTRUCTED WB PAVEMENT IS HIGHER THAN THE EXISTING WB PAVEMENT AND CANNOT BE TIED INTO THE EXISTING PAVEMENT WITH A 3.0% SLOPE OR FLATTER. THE TEMPORARY PAVEMENT SHALL BE SLOPED AT A MINIMUM OF 0.5%.



STAGE 2 TEMPORARY PAVEMENT TYPICAL SECTION

WILLOW ROAD
 STATION 631+50 TO STATION 634+50
 STATION 717+37 TO STATION 718+10
 STATION 718+99 TO STATION 721+70
 STATION 723+79 TO STATION 726+04

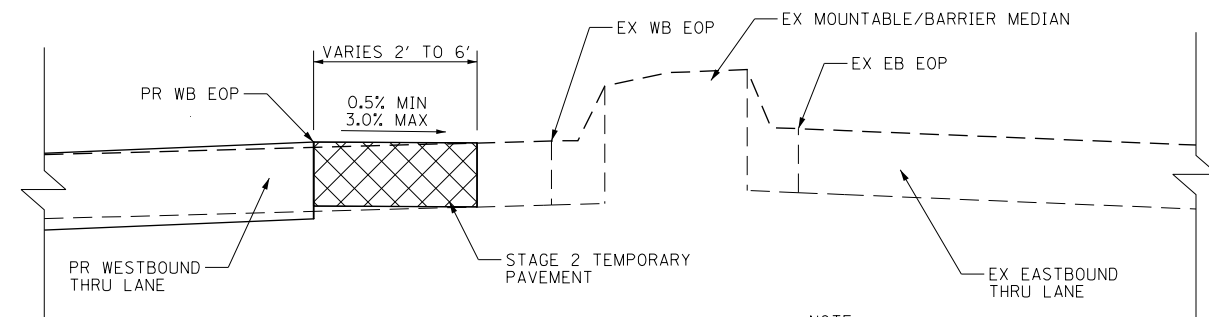
NOTE:
 THIS CONDITION REPRESENTS THE AREAS WHERE THE STAGE 2 TEMPORARY PAVEMENT CAN BE TIED INTO THE STAGE 1 TEMPORARY PAVEMENT WITH A 3.0% SLOPE OR FLATTER. THE TEMPORARY PAVEMENT SHALL BE SLOPED AT A MINIMUM OF 0.5%.



STAGE 2 TEMPORARY PAVEMENT TYPICAL SECTION

WILLOW ROAD
 STATION 662+50 TO STATION 666+00
 STATION 672+00 TO STATION 674+00
 STATION 721+70 TO STATION 723+79

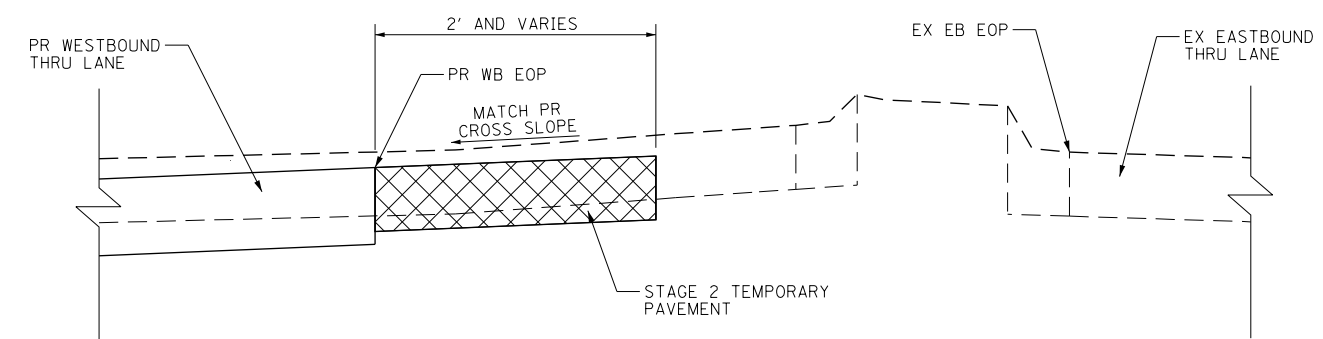
NOTE:
 THIS CONDITION REPRESENTS THE AREAS WHERE THE NEWLY CONSTRUCTED WB PAVEMENT IS LOWER THAN THE EXISTING WB PAVEMENT AND CAN BE TIED INTO THE EXISTING PAVEMENT WITH A 7.0% SLOPE OR FLATTER. THE TEMPORARY PAVEMENT SHALL BE SLOPED AT A MINIMUM OF 0.5%.



STAGE 2 TEMPORARY PAVEMENT TYPICAL SECTION

WILLOW ROAD
 STATION 634+50 TO STATION 642+00
 STATION 656+82 TO STATION 662+50

NOTE:
 THIS CONDITION REPRESENTS THE AREAS WHERE THE NEWLY CONSTRUCTED WB PAVEMENT IS HIGHER THAN THE EXISTING WB PAVEMENT AND CAN BE TIED INTO THE EXISTING PAVEMENT WITH A 3.0% SLOPE OR FLATTER. THE TEMPORARY PAVEMENT SHALL BE SLOPED AT A MINIMUM OF 0.5%.



STAGE 2 TEMPORARY PAVEMENT TYPICAL SECTION

WILLOW ROAD
 STATION 674+50 TO STATION 678+00
 STATION 692+00 TO STATION 698+00
 STATION 706+50 TO STATION 714+00

NOTE:
 THIS CONDITION REPRESENTS THE AREAS WHERE THE NEWLY CONSTRUCTED WB PAVEMENT IS LOWER THAN THE EXISTING WB PAVEMENT AND CANNOT BE TIED INTO THE EXISTING PAVEMENT WITH A 7.0% SLOPE OR FLATTER. THE PAVEMENT SHALL BE SLOPED AT A MINIMUM OF 0.5%.

GENERAL NOTES:

1. THE DROP OFF POLICY (SAFETY 4-08, UPDATED 8/27/10) MUST BE FOLLOWED FOR ALL STAGES.
2. IN ALL CONDITIONS, THE MAXIMUM CROSS SLOPE BREAK IS 5% WITHIN THE TRAVELWAY.

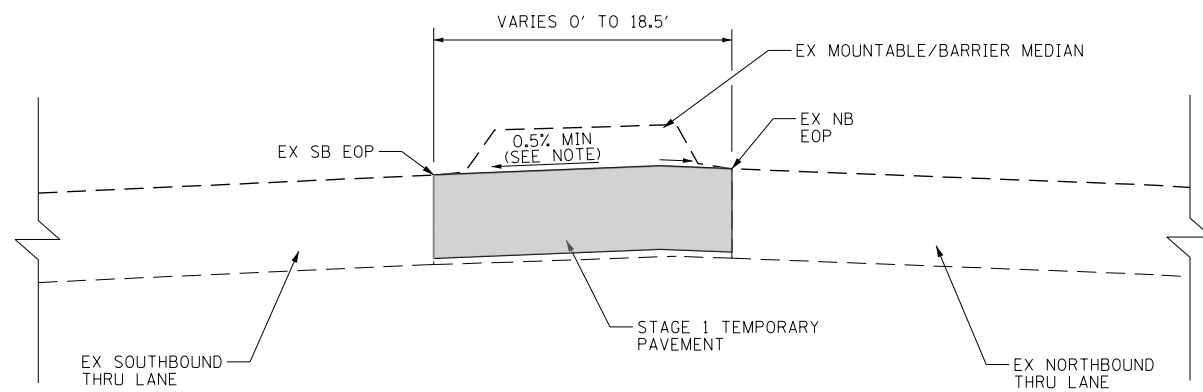
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PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED CONSTRUCTION PROCEDURES AND
 MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND NOTES
 TEMPORARY PAVEMENT - WILLOW ROAD

SCALE: N.T.S. SHEET NO. 111 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	111
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

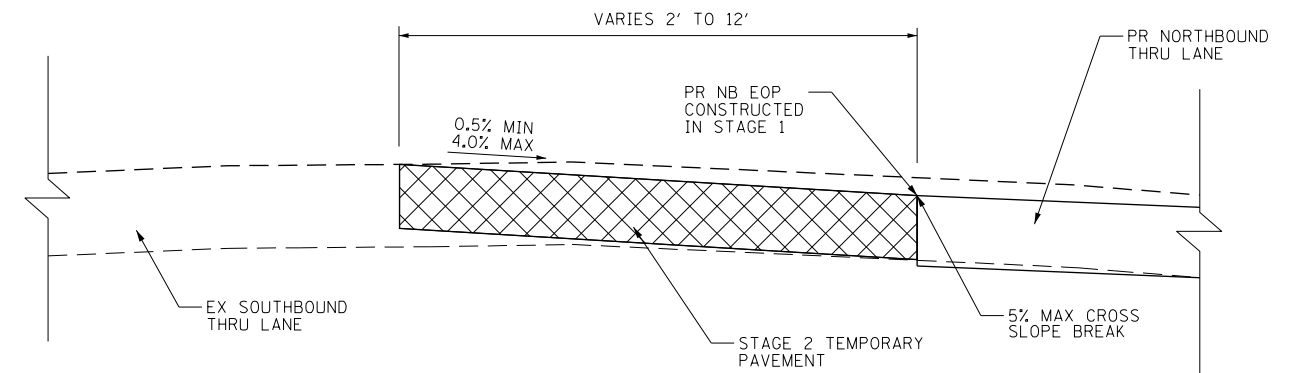


STAGE 1 TEMPORARY PAVEMENT TYPICAL SECTION AT MEDIAN

ILLINOIS ROUTE 43
STATION 503+88 TO STATION 505+53
STATION 506+10 TO STATION 515+46

NOTE:

THE TEMPORARY PAVEMENT SHALL BE SLOPED AT A MINIMUM OF 0.5%, DEPENDING ON THE LOCATION OF THE TEMPORARY PAVEMENT, IT WILL BE SLOPED TO FLOW TOWARDS THE EDGE OF PAVEMENT OR CROWNED IN THE MIDDLE TO ACHIEVE A MINIMUM SLOPE OF 0.5%.

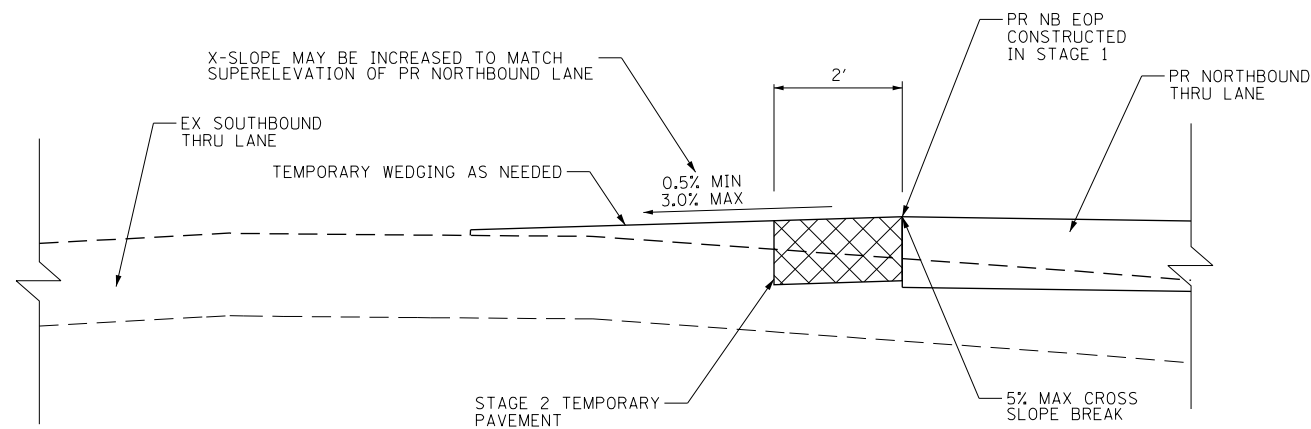


STAGE 2 TEMPORARY PAVEMENT TYPICAL SECTION

ILLINOIS ROUTE 43
STATION 516+00 TO STATION 517+60
STATION 524+50 TO STATION 525+45

NOTE:

THIS CONDITION REPRESENTS THE AREAS WHERE THE NEWLY CONSTRUCTED NB PAVEMENT IS LOWER THAN THE EXISTING PAVEMENT AND CAN BE TIED INTO THE EXISTING PAVEMENT WITH A 4.0% SLOPE OR FLATTER. THE TEMPORARY PAVEMENT SHALL BE SLOPED AT A MINIMUM OF 0.5%.

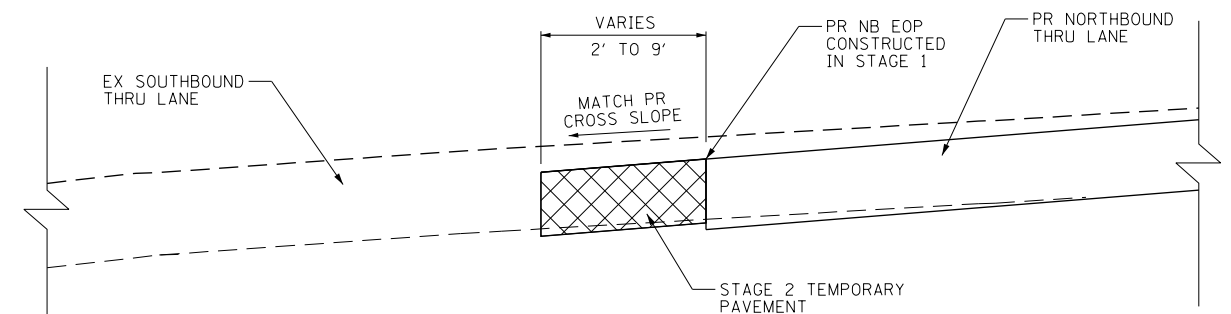


STAGE 2 TEMPORARY PAVEMENT TYPICAL SECTION

ILLINOIS ROUTE 43
STATION 517+60 TO STATION 521+50

NOTE:

THIS CONDITION REPRESENTS THE AREAS WHERE THE NEWLY CONSTRUCTED NB PAVEMENT IS HIGHER THAN THE EXISTING PAVEMENT AND CANNOT BE TIED INTO THE EXISTING PAVEMENT WITH A 3.0% SLOPE OR FLATTER.



STAGE 2 TEMPORARY PAVEMENT TYPICAL SECTION

ILLINOIS ROUTE 43
STATION 521+50 TO STATION 524+50

NOTE:

THIS CONDITION REPRESENTS THE AREAS WHERE THE NEWLY CONSTRUCTED NB PAVEMENT IS LOWER THAN THE EXISTING PAVEMENT AND CANNOT BE TIED INTO THE EXISTING PAVEMENT WITH A 3.0% SLOPE OR FLATTER.

GENERAL NOTES:

1. THE DROP OFF POLICY (SAFETY 4-08, UPDATED 8/27/10) MUST BE FOLLOWED FOR ALL STAGES.
2. IN ALL CONDITIONS, THE MAXIMUM CROSS SLOPE BREAK IS 5% WITHIN THE TRAVELWAY.

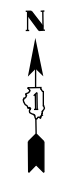
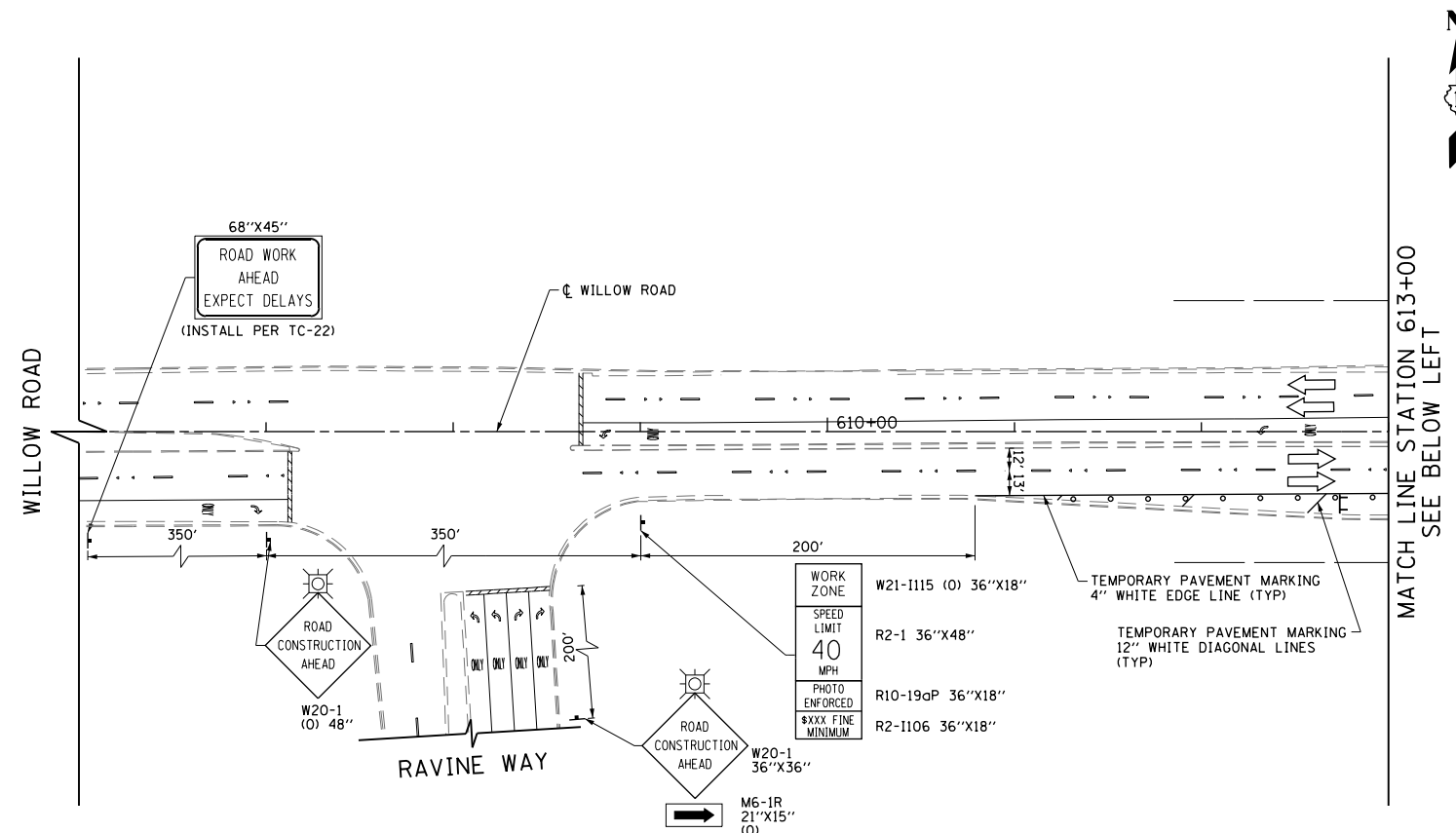
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PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND NOTES
TEMPORARY PAVEMENT - ILLINOIS ROUTE 43

SCALE: N.T.S. SHEET NO. 112 OF 919 SHEETS

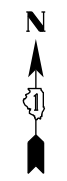
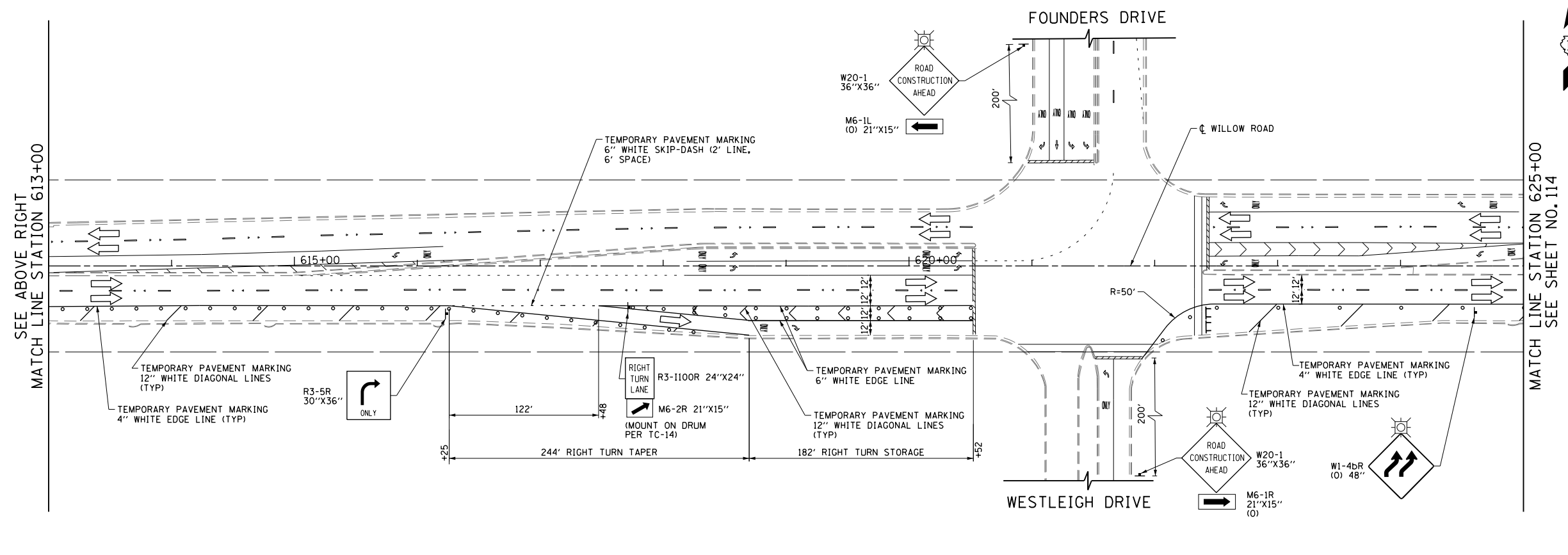
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4B)R	COOK	919	112
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



MATCH LINE STATION 613+00
SEE BELOW LEFT

LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 STOP R1-1
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 ONE WAY R6-1R 36" X 12"



MATCH LINE STATION 625+00
SEE SHEET NO. 114

SEE ABOVE RIGHT
MATCH LINE STATION 613+00

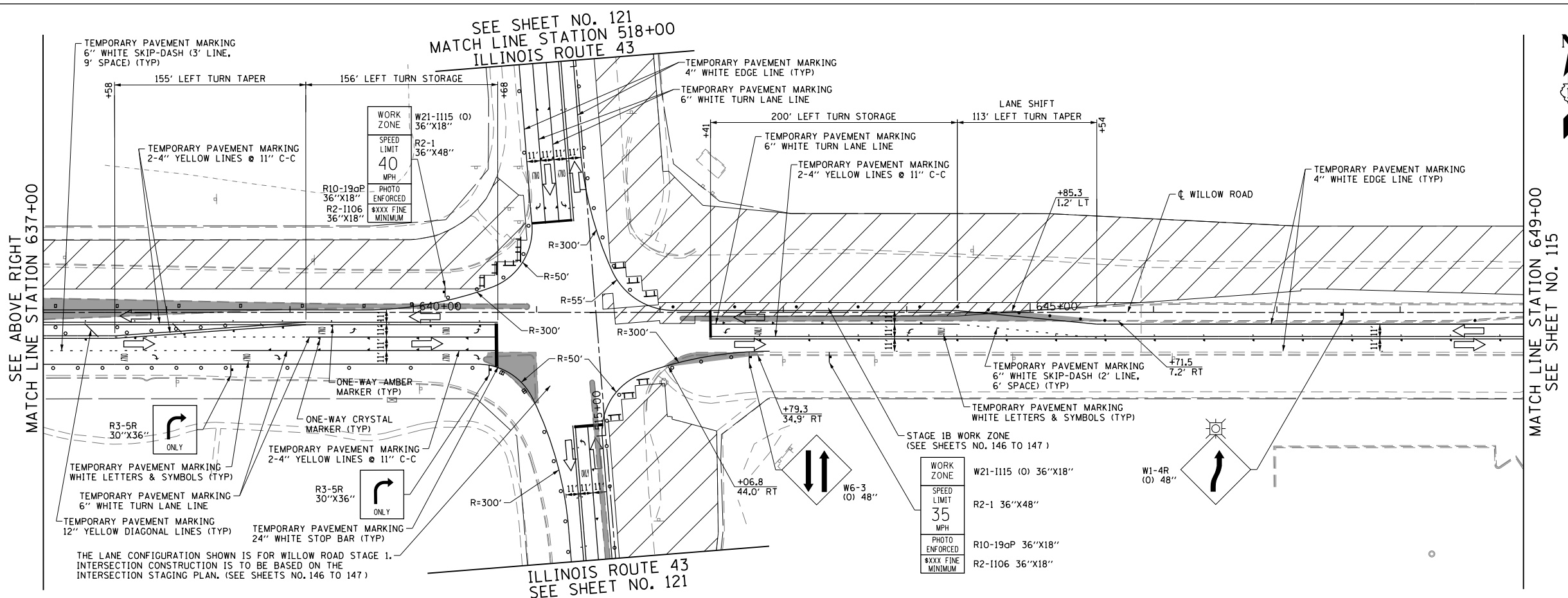
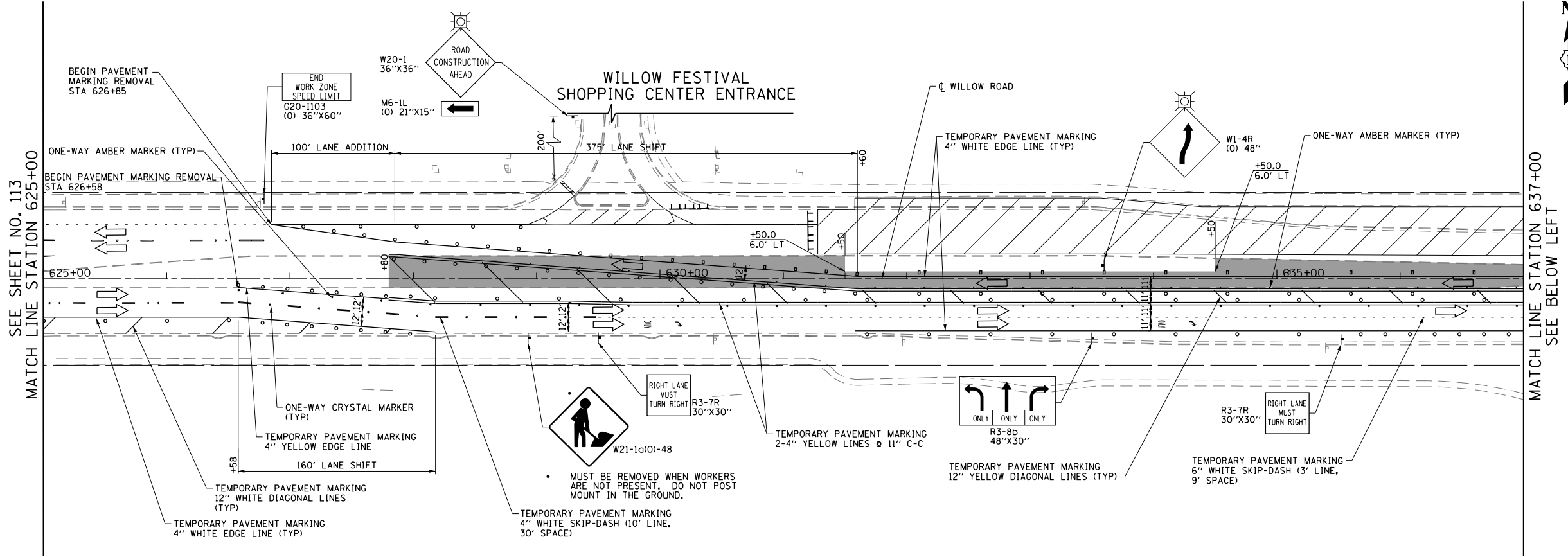
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	PLOT DATE = 11/29/2012	DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 1**

SCALE: 1" = 50' SHEET NO. 113 OF 919 SHEETS STA. 606+00 TO STA. 625+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	113
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



LEGEND

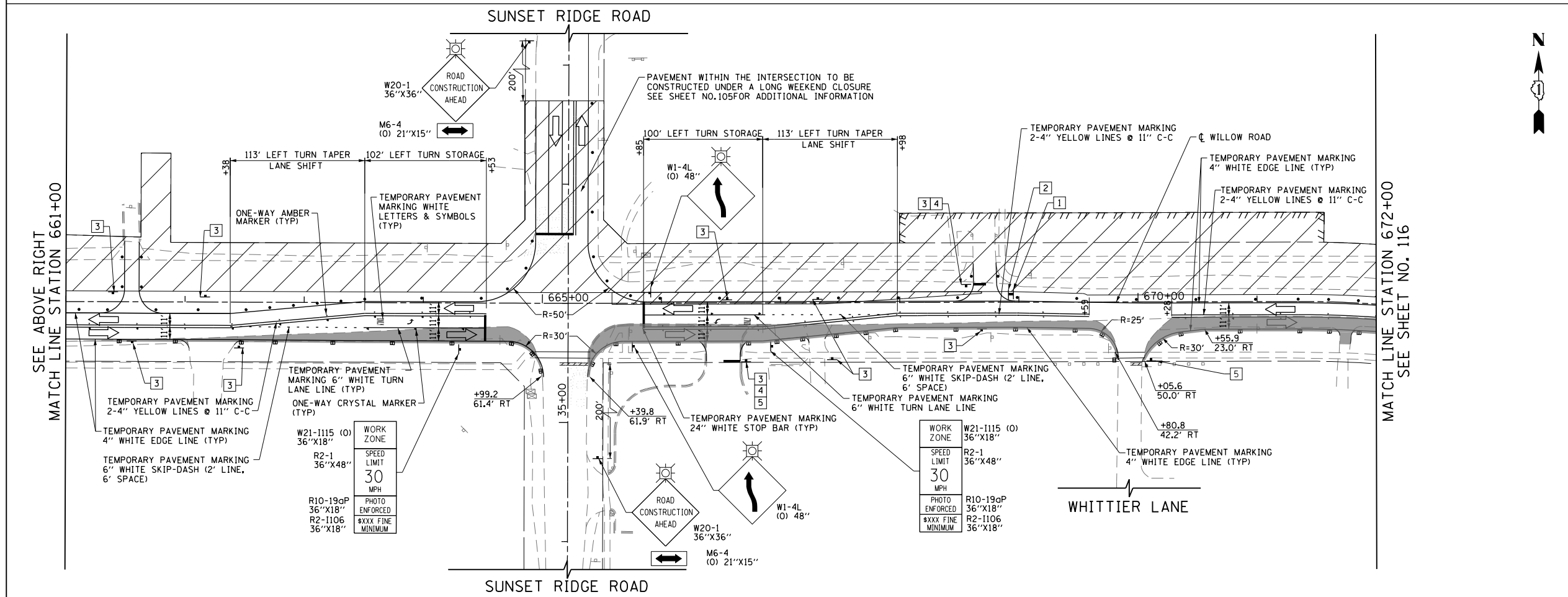
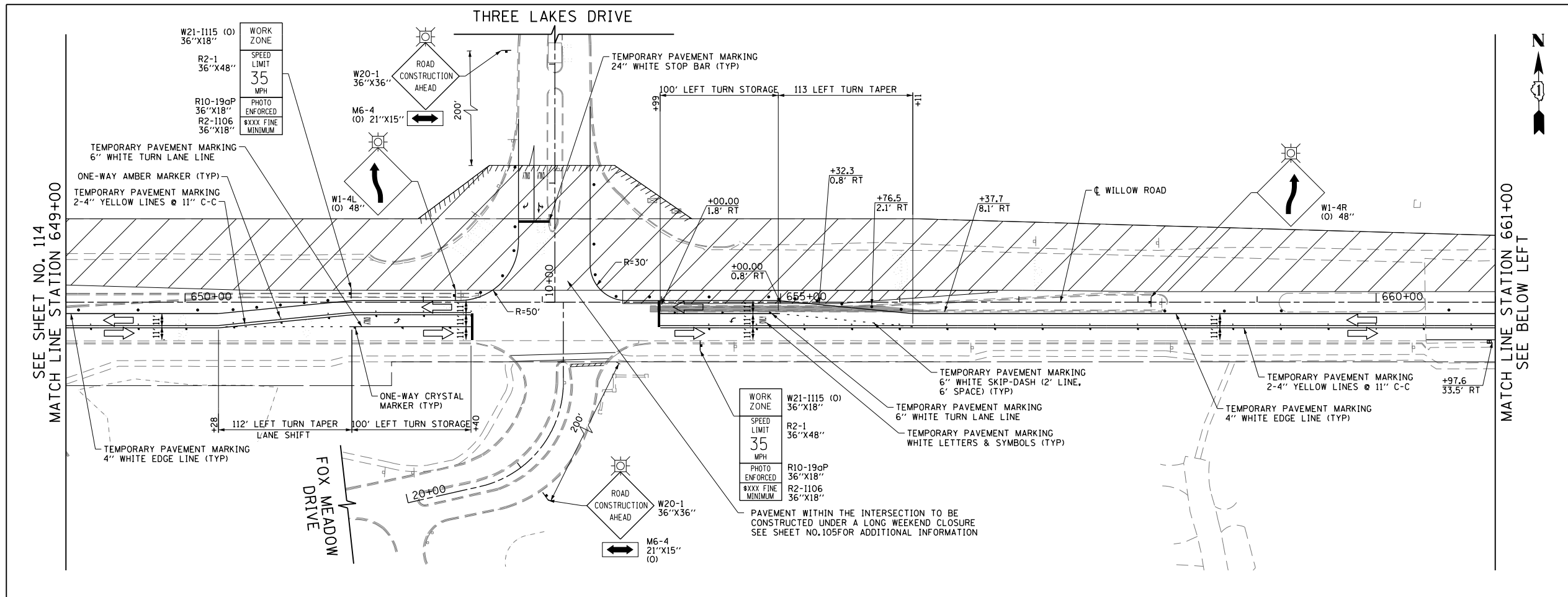
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	STAGE 1B CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 STOP R1-1
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 ONE WAY R6-1R 36" X 12"

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PLOT DATE = 11/29/2012	DATE = 10/31/2012	REVISOR -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 1
SCALE: 1" = 50' SHEET NO. 114 OF 919 SHEETS STA. 625+00 TO STA. 649+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	114
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 STOP R1-1
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 ONE WAY R6-1R 36" X 12"

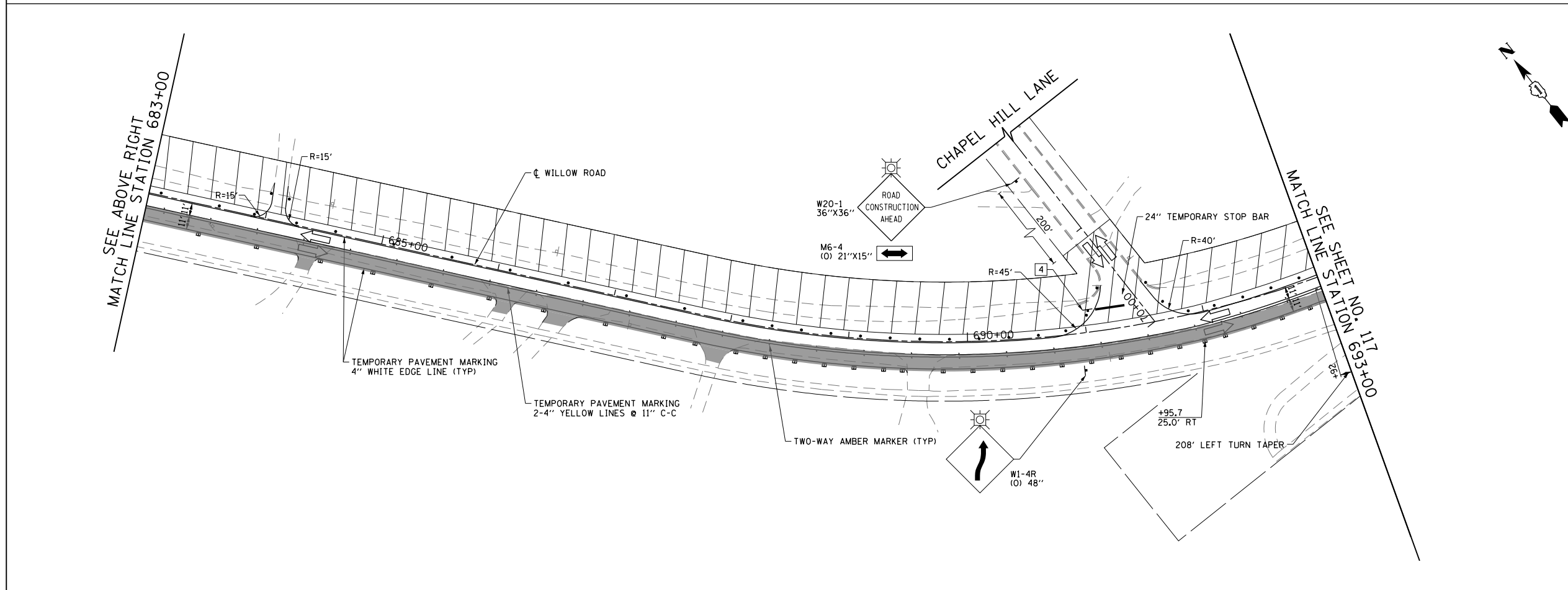
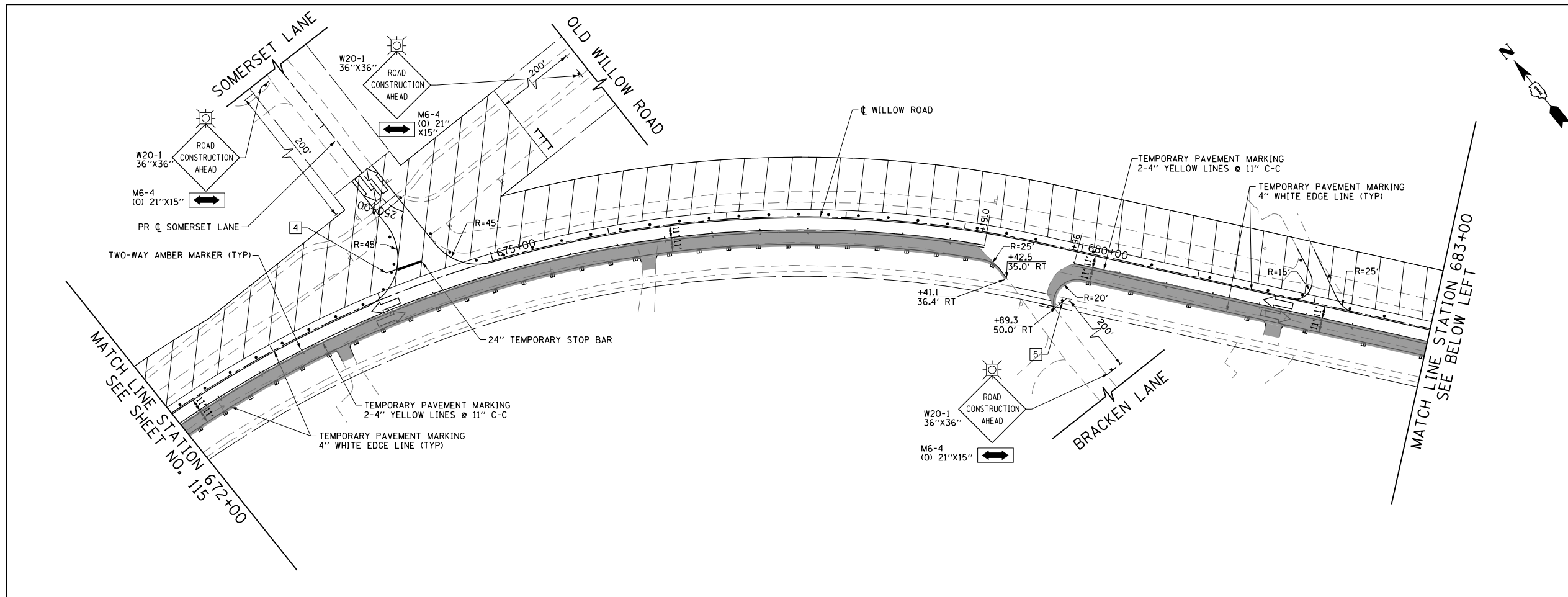
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 1**

SCALE: 1" = 50' SHEET NO. 115 OF 919 SHEETS STA. 649+00 TO STA. 672+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	115
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 R1-1 STOP
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 R6-1R 36" X 12" ONE WAY

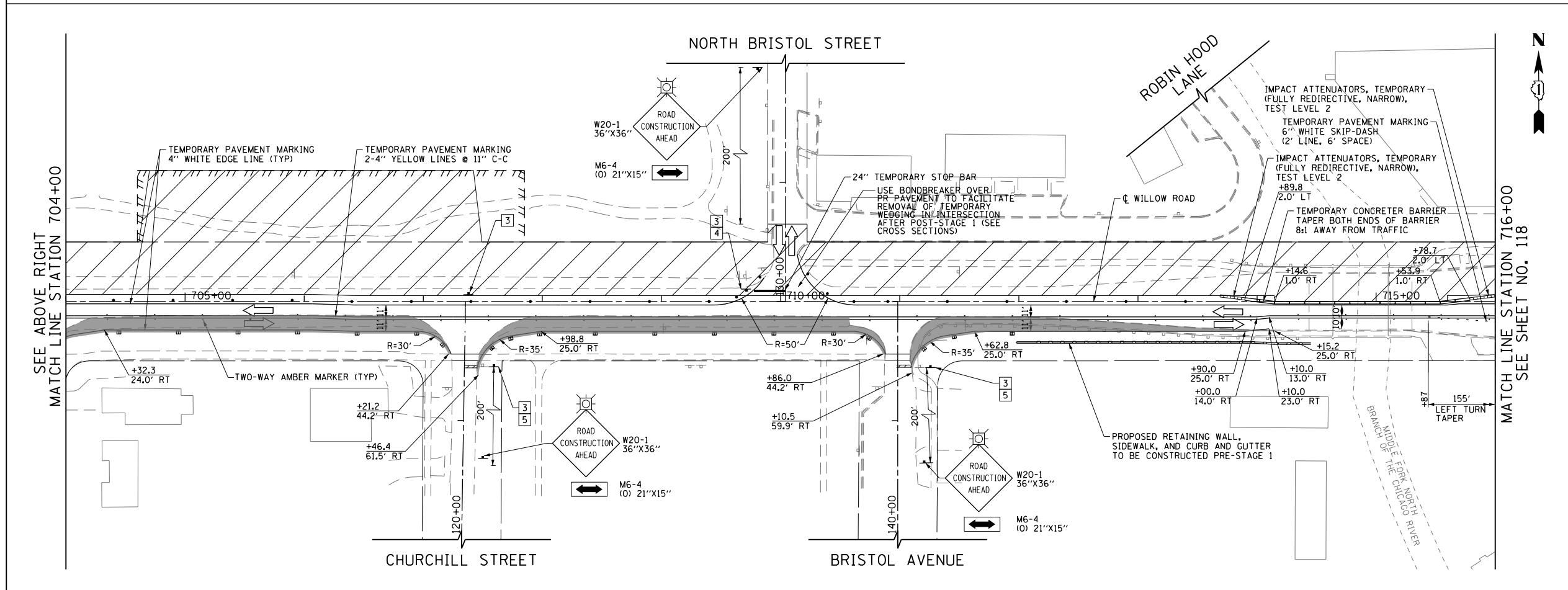
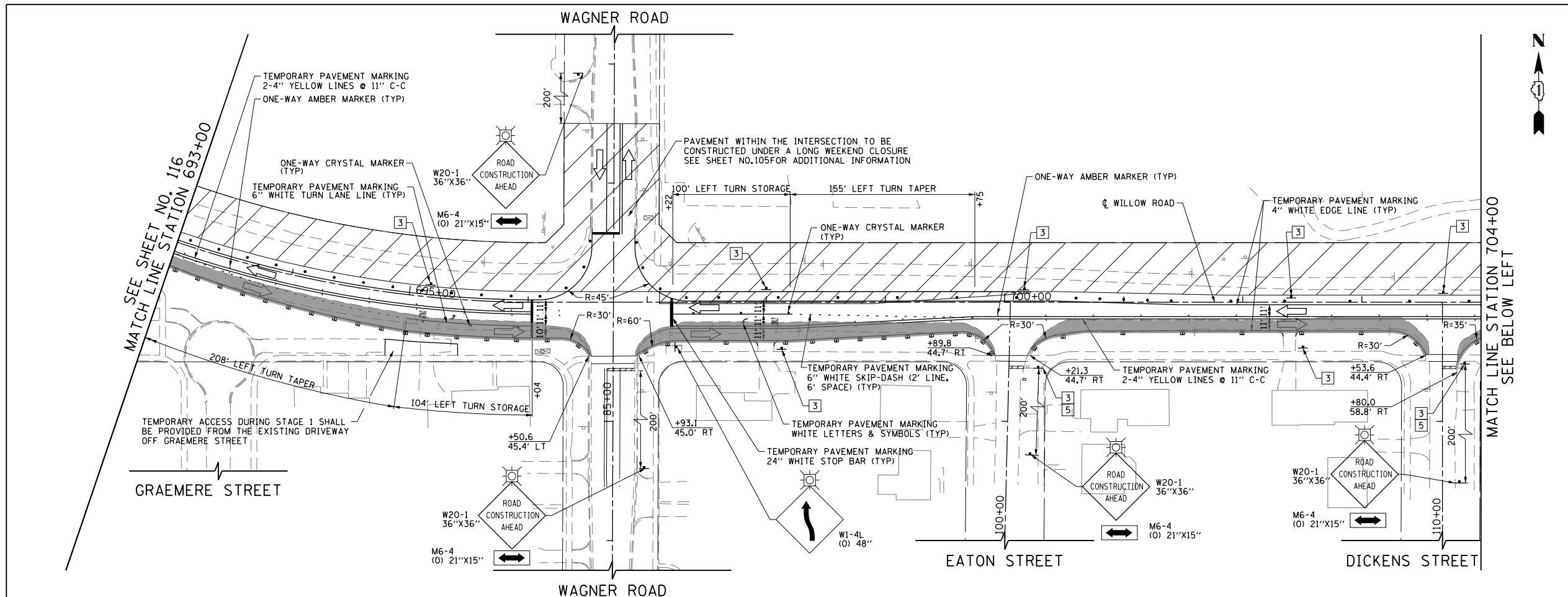
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PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 1**

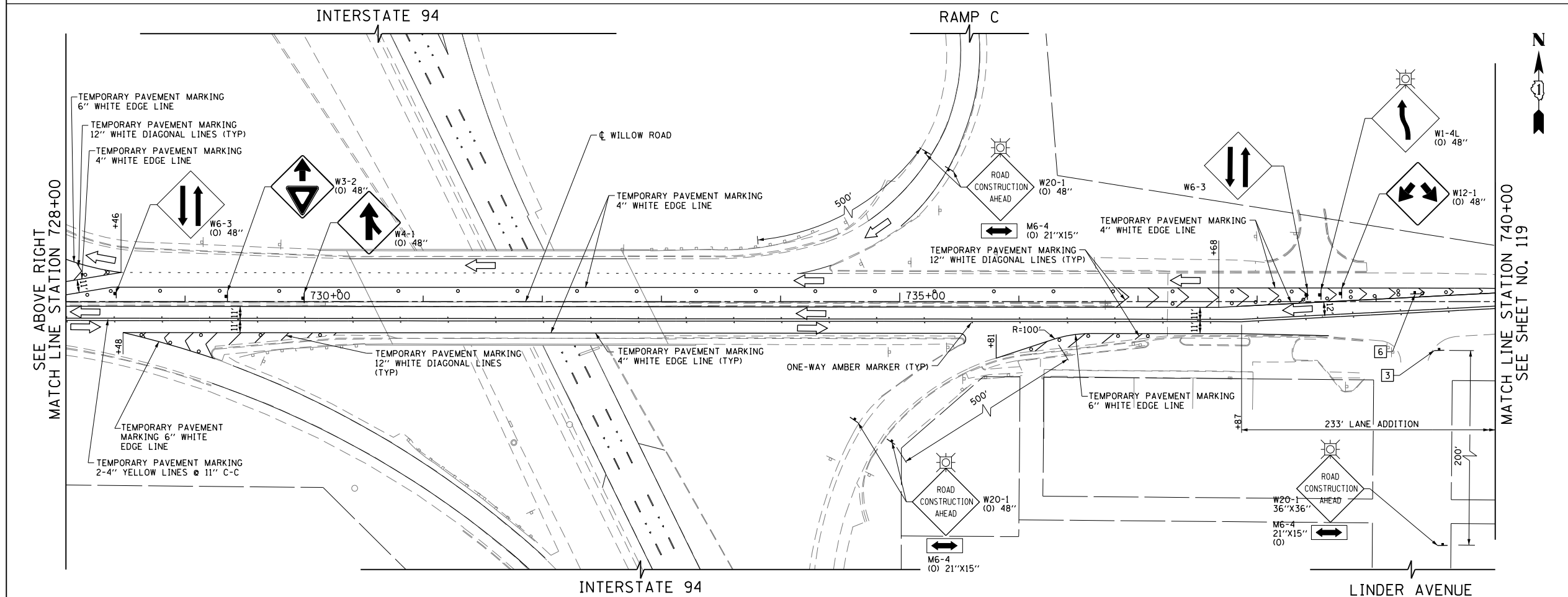
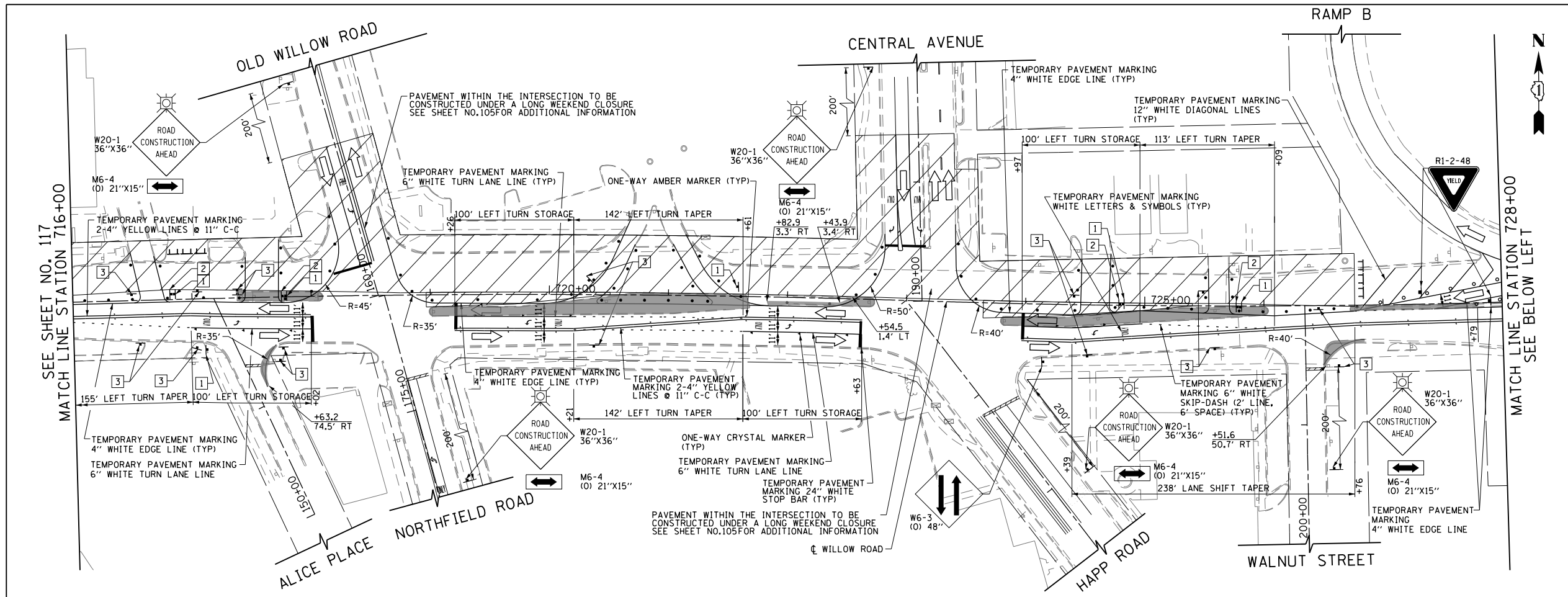
SCALE: 1" = 50' SHEET NO. 116 OF 919 SHEETS STA. 672+00 TO STA. 693+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	1920,01,1518,2022&1922,4BIR	COOK	919	116
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 STOP R1-1
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 ONE WAY R6-1R 36" X 12"



LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 STOP R1-1
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 ONE WAY R6-1R 36" X 12"

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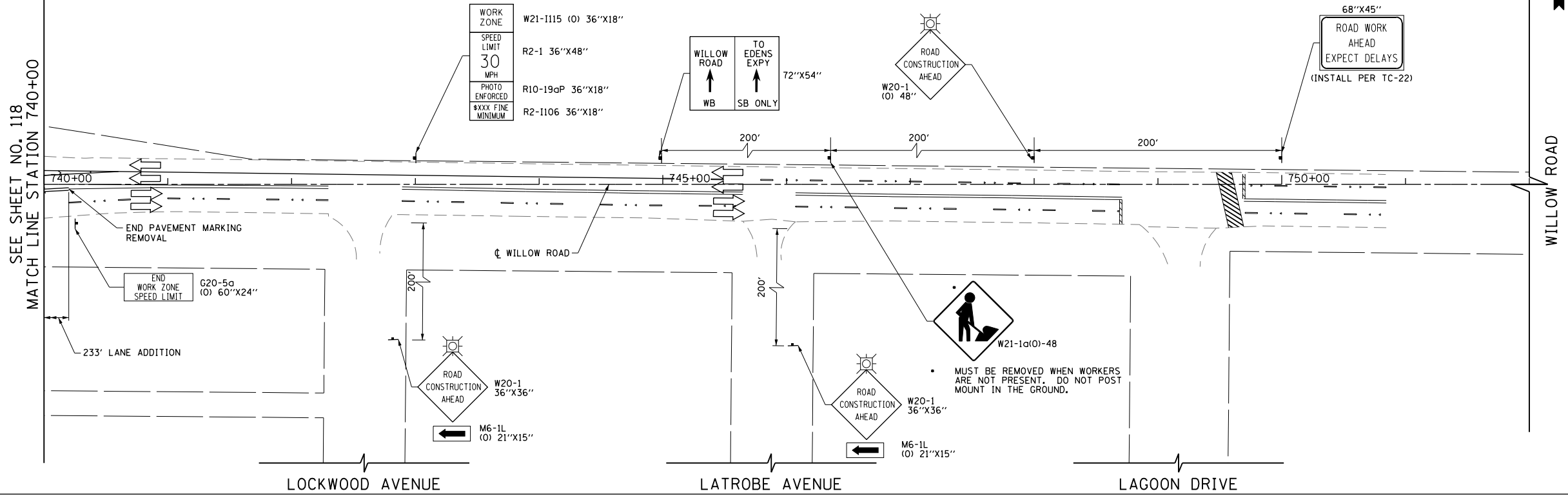
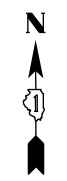
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 1**

SCALE: 1" = 50' SHEET NO. 118 OF 919 SHEETS STA. 716+00 TO STA. 740+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	1920,01,1518,2022&1922,4BIR	COOK	919	118
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

SEE SHEET NO. 118
MATCH LINE STATION 740+00



LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 STOP R1-1
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 ONE WAY R6-1R 36" X 12"

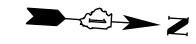
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PLOT DATE = 11/29/2012	DATE - 10/31/2012	REVISIED -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

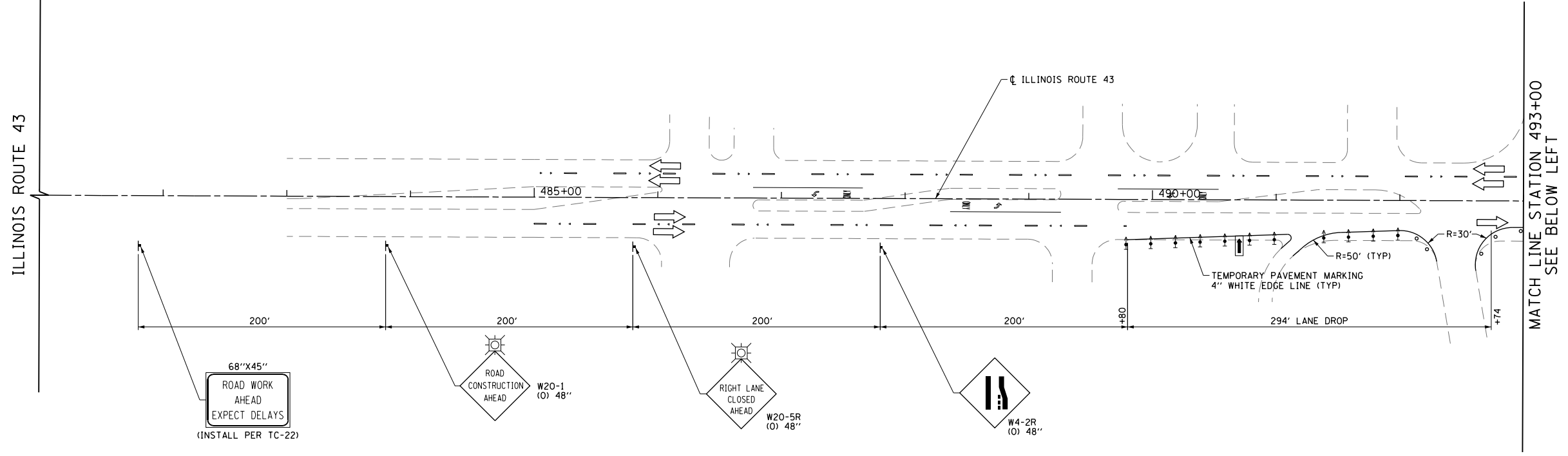
**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC – WILLOW ROAD STAGE 1**

SCALE: 1" = 50' SHEET NO. 119 OF 919 SHEETS STA. 740+00 TO STA. 752+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	1920..01,1518,2022&1922,4B1R	COOK	919	119
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



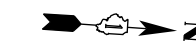
ILLINOIS ROUTE 43



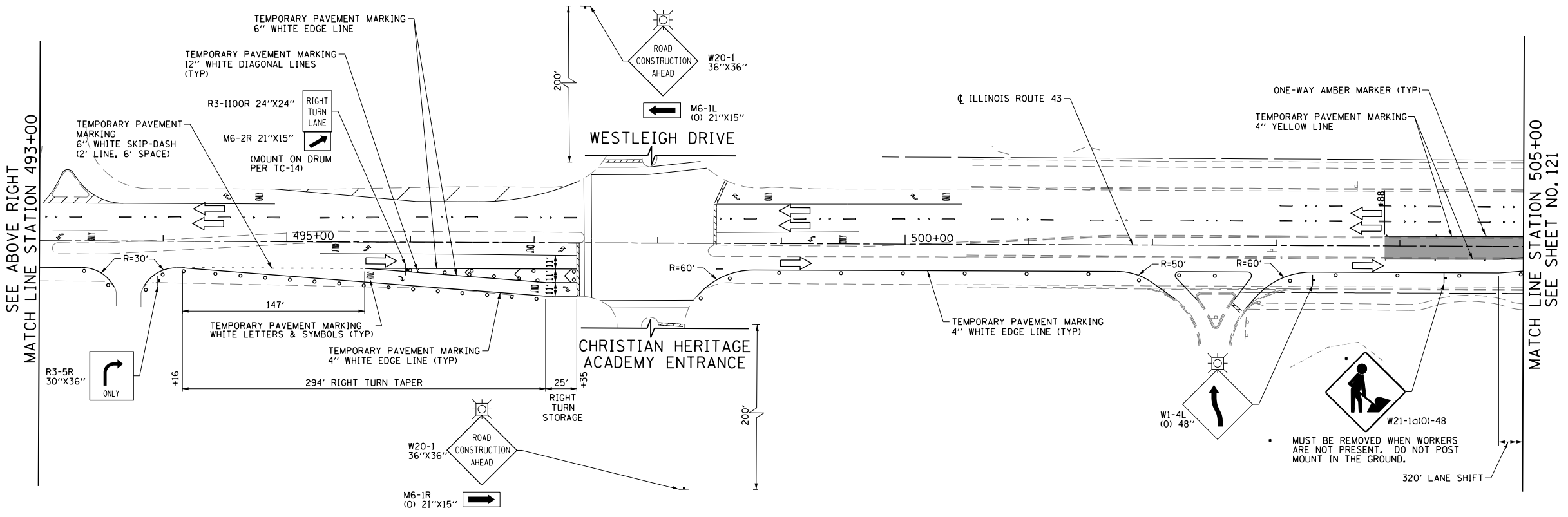
MATCH LINE STATION 493+00
SEE BELOW LEFT

LEGEND

- CONSTRUCTION WORK ZONE
- POST-STAGE 1 CONSTRUCTION WORK ZONE
- PRE-STAGE 3 CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
- TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONODIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW
- 1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
- 2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
- 3 R3-2 24" X 24"
- 4 STOP R1-1
- 5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
- 6 ONE WAY R6-1R 36" X 12"



SEE ABOVE RIGHT
MATCH LINE STATION 493+00



MATCH LINE STATION 505+00
SEE SHEET NO. 121

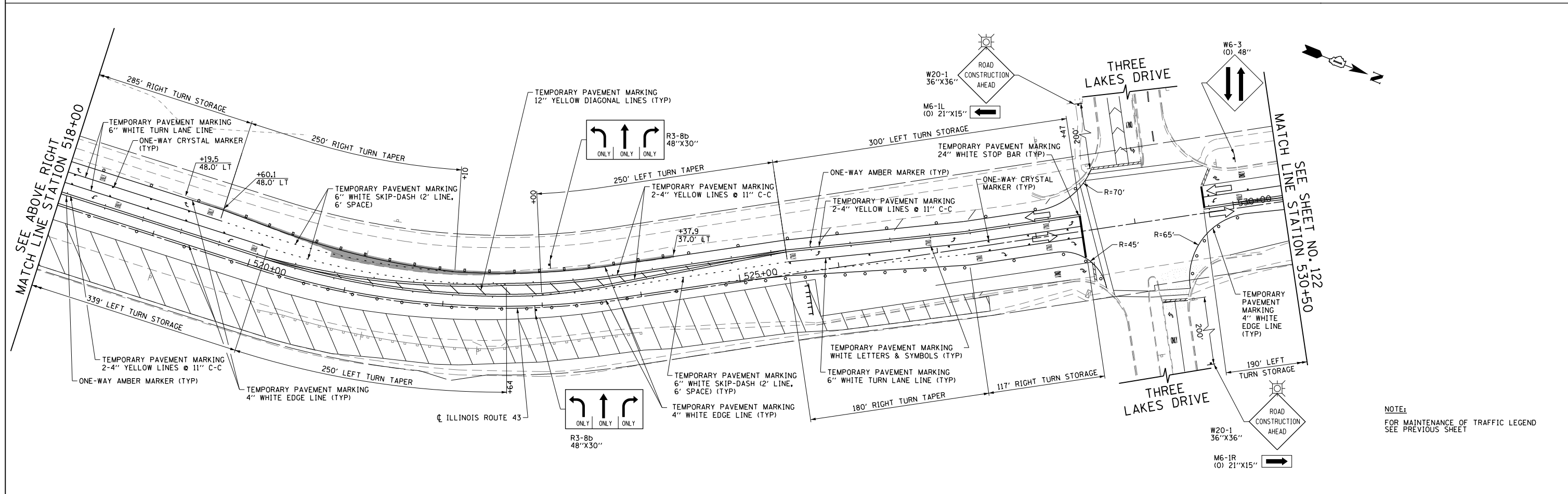
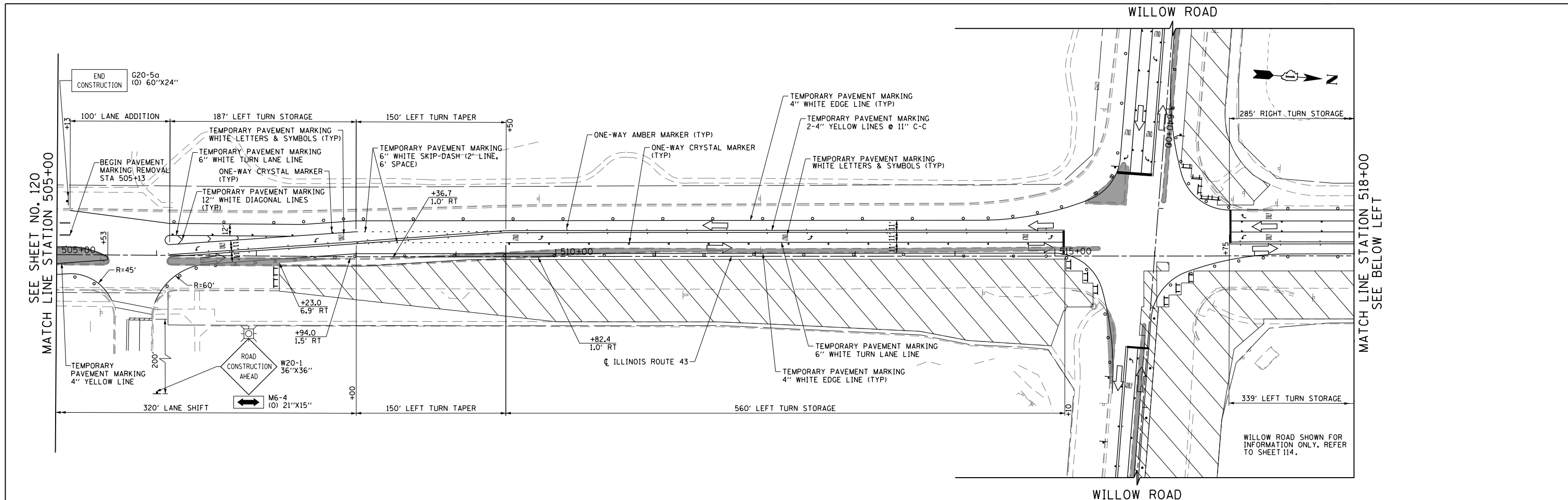
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	PLOT DATE = 11/29/2012	DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - ILLINOIS ROUTE 43 STAGE 1

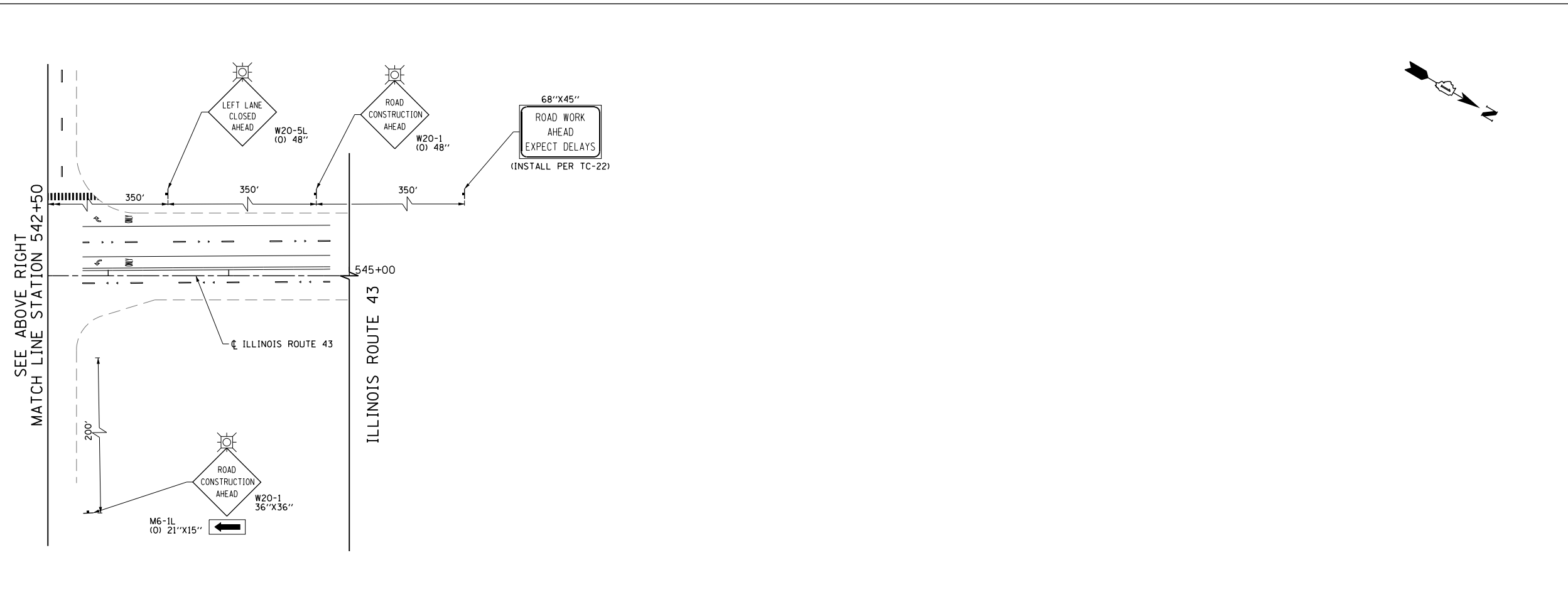
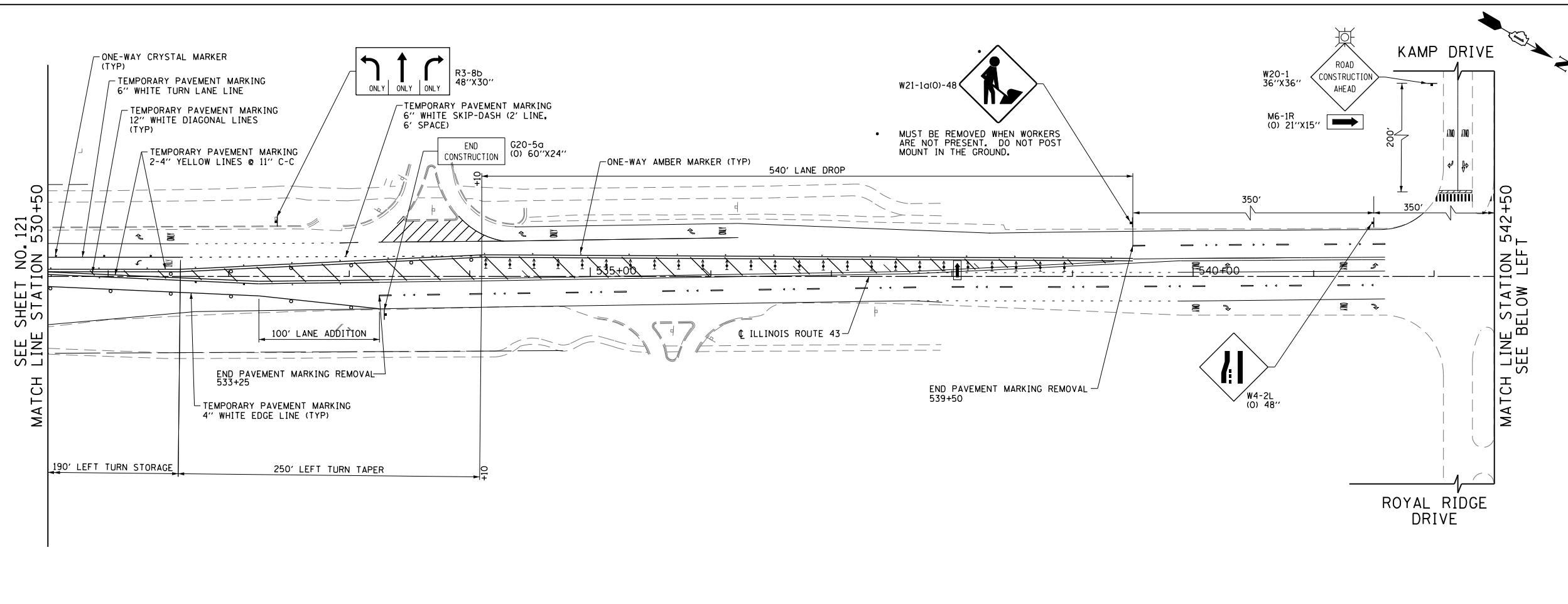
SCALE: 1" = 50' SHEET NO. 120 OF 919 SHEETS STA. 481+00 TO STA. 505+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	120
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



NOTE:
FOR MAINTENANCE OF TRAFFIC LEGEND
SEE PREVIOUS SHEET

FILE NAME =	USER NAME = BAW:ort	DESIGNED - DBC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC - ILLINOIS ROUTE 43 STAGE 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 STOP R1-1
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 ONE WAY R6-1R 36" X 12"

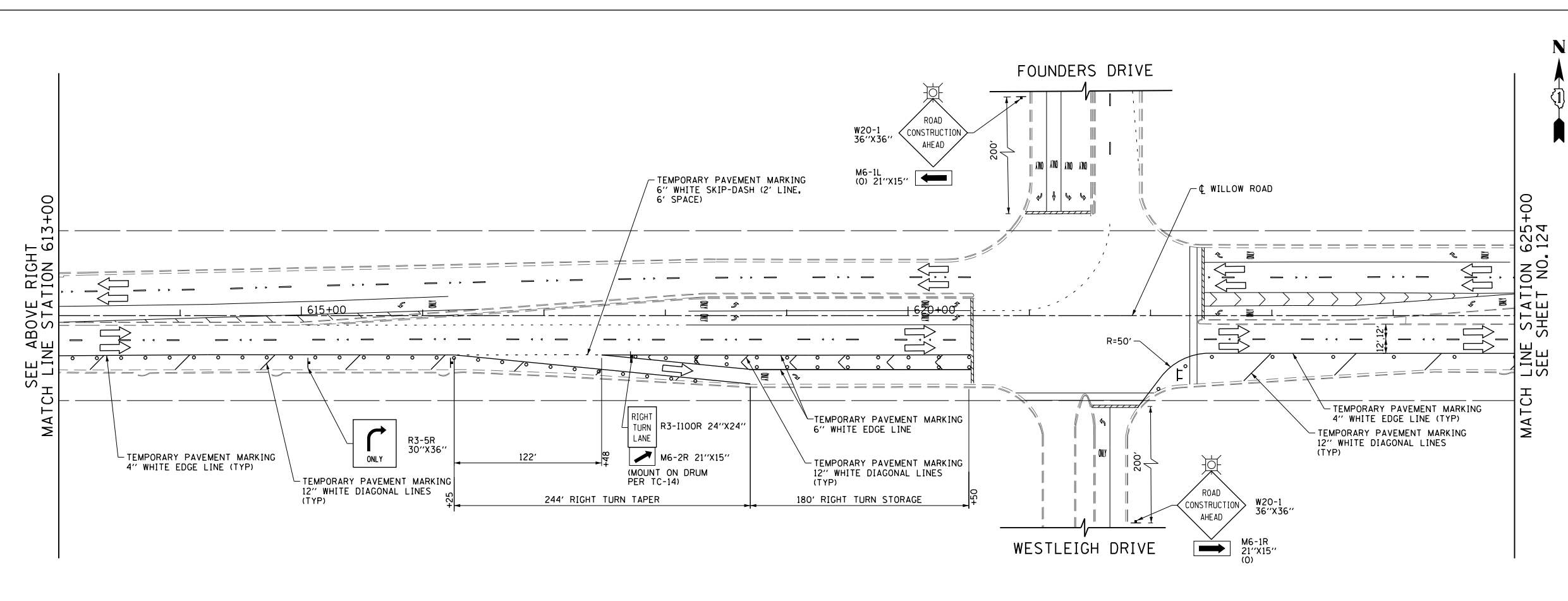
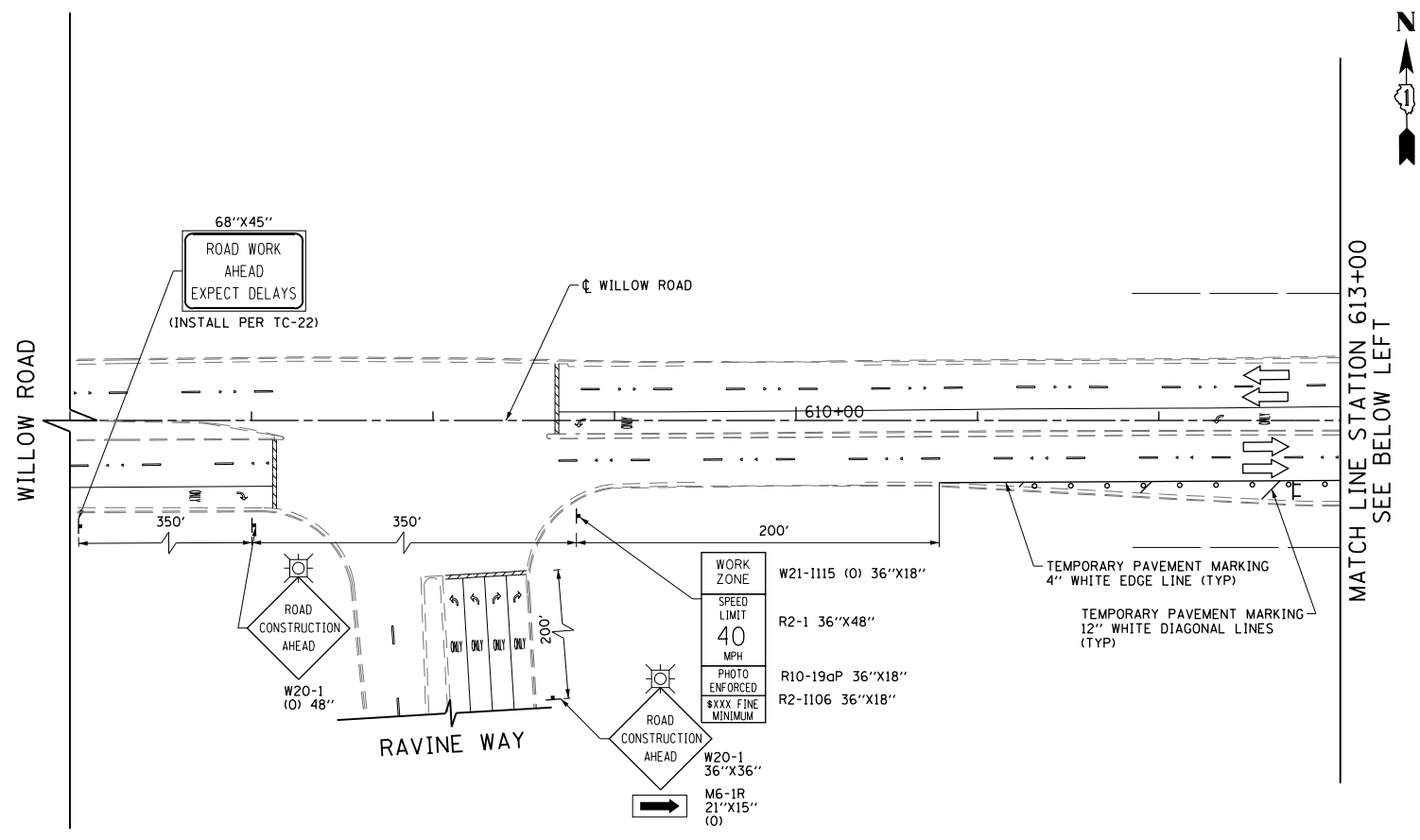
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PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC – ILLINOIS ROUTE 43 STAGE 1**

SCALE: 1" = 50' SHEET NO. 122 OF 919 SHEETS STA. 530+50 TO STA. 545+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	122
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 R1-1 STOP
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 R6-1R 36" X 12" ONE WAY

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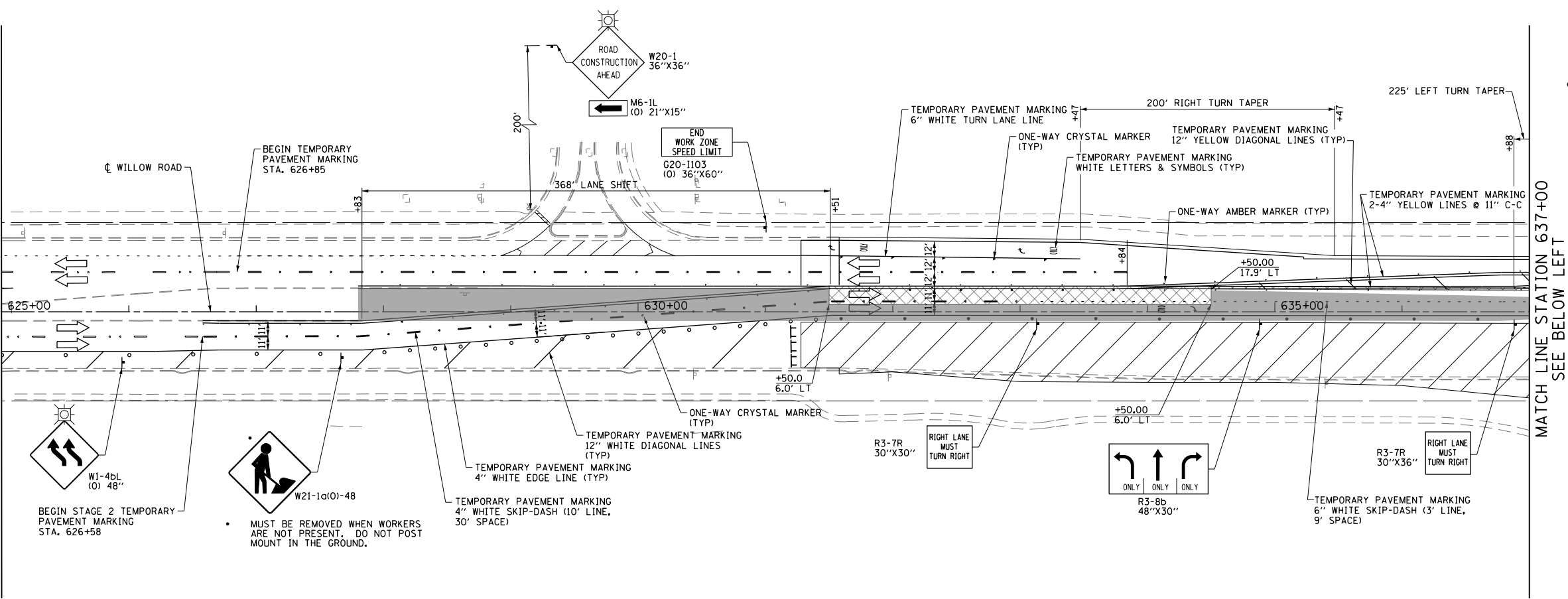
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 2**

SCALE: 1" = 50' SHEET NO. 123 OF 919 SHEETS STA. 606+00 TO STA. 625+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	123
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

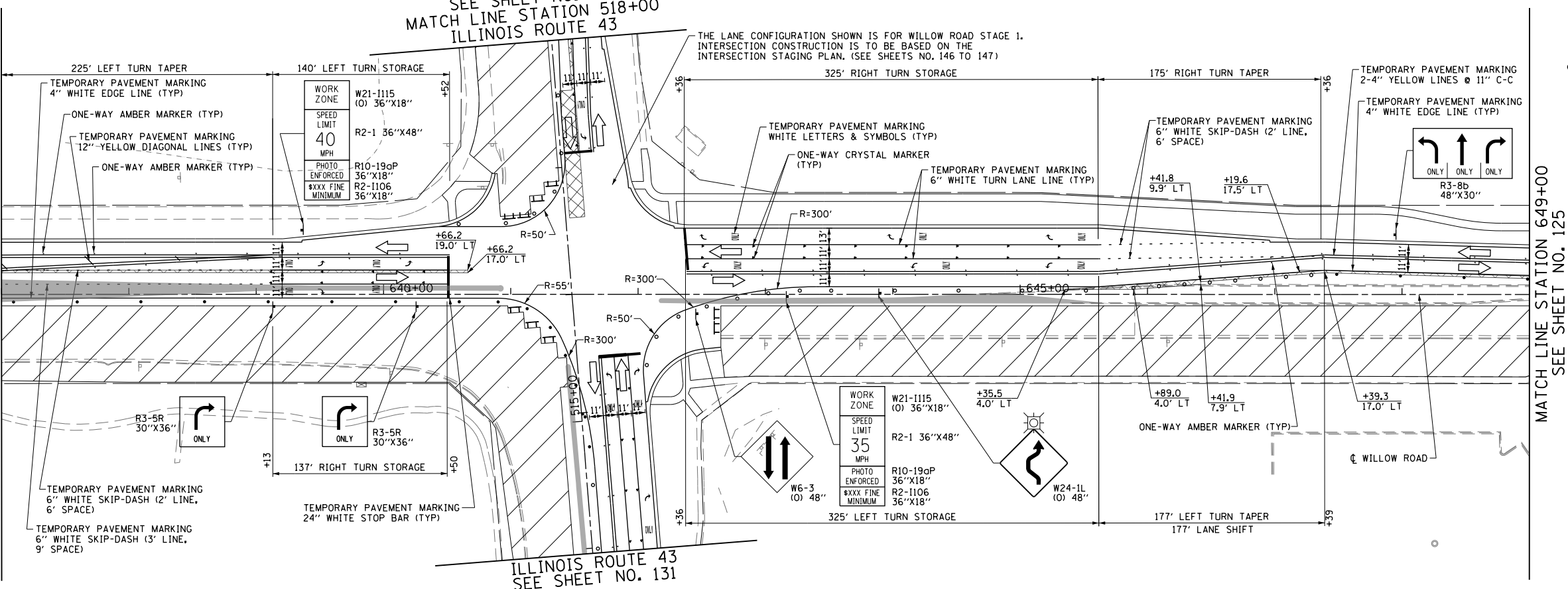
SEE SHEET NO. 123
MATCH LINE STATION 625+00



MATCH LINE STATION 637+00
SEE BELOW LEFT

SEE SHEET NO. 131
MATCH LINE STATION 518+00
ILLINOIS ROUTE 43

SEE ABOVE RIGHT
MATCH LINE STATION 637+00



MATCH LINE STATION 649+00
SEE SHEET NO. 125

LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 R1-1 STOP
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 R6-1R 36" X 12"

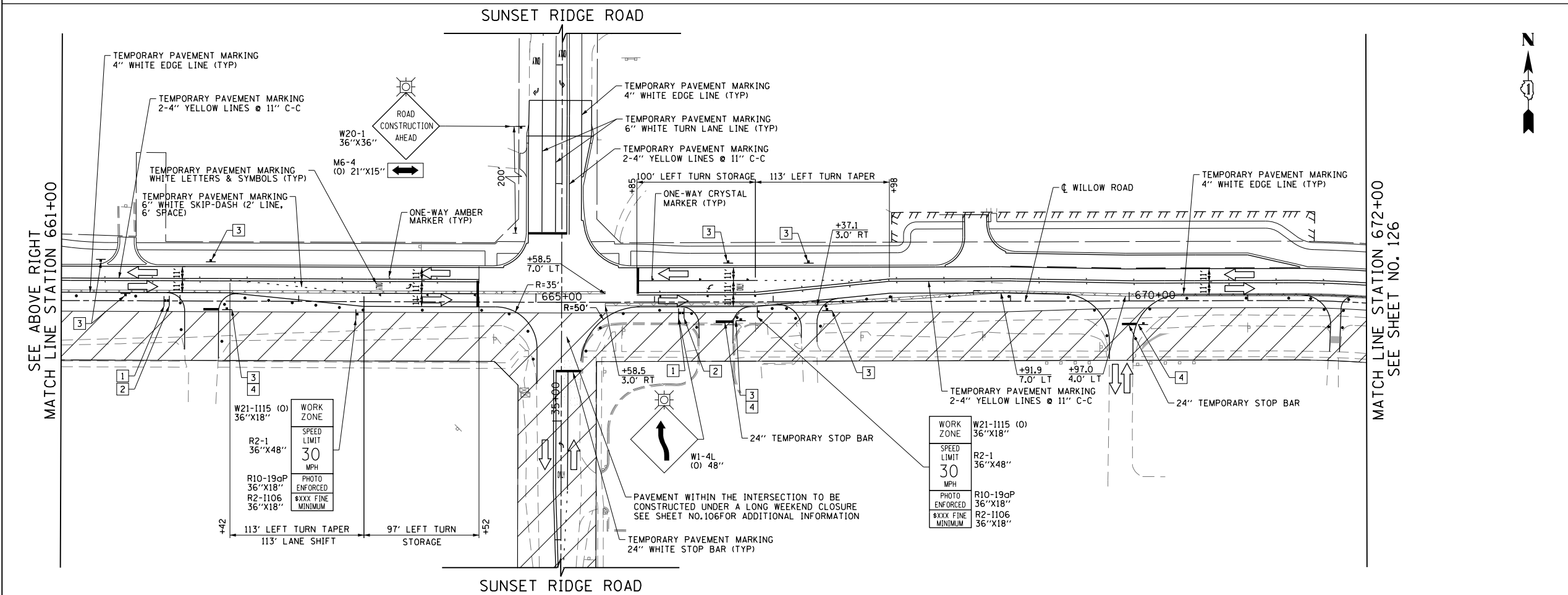
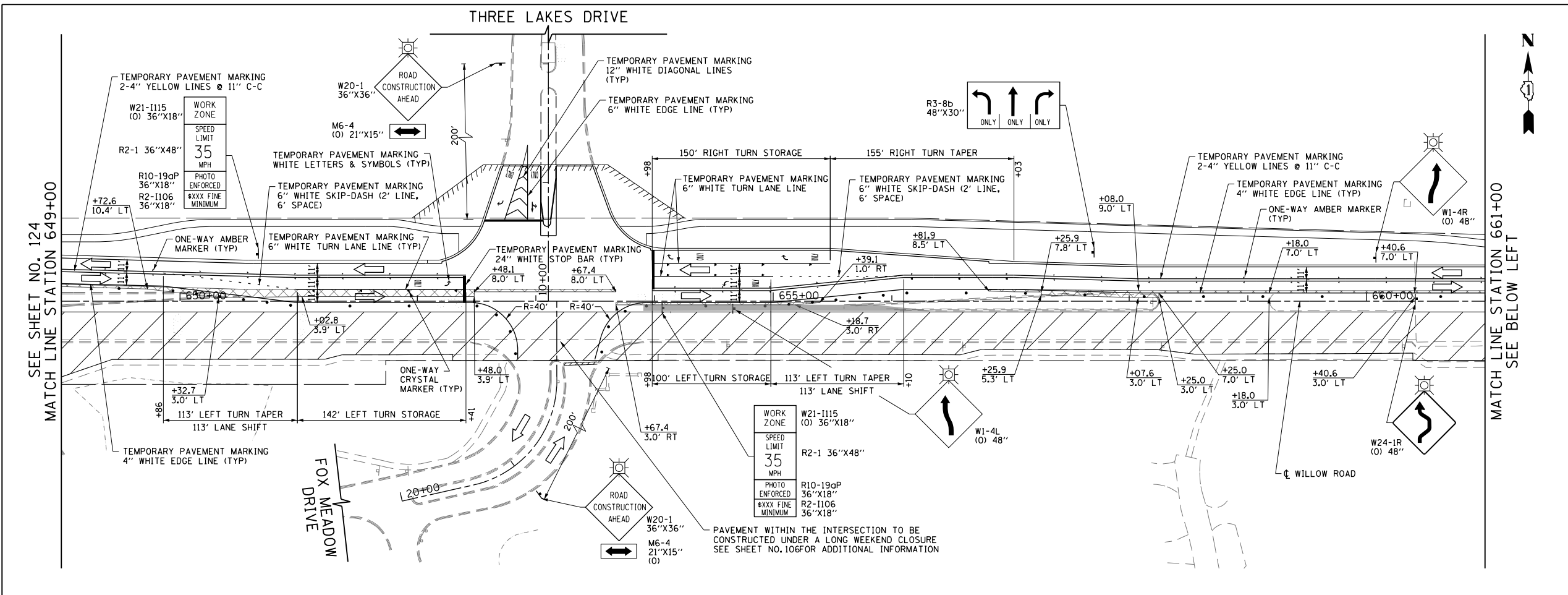
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PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 2

SCALE: 1" = 50' SHEET NO. 124 OF 919 SHEETS STA. 625+00 TO STA. 649+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	124
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 R1-1
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 R6-1R 36" X 12"

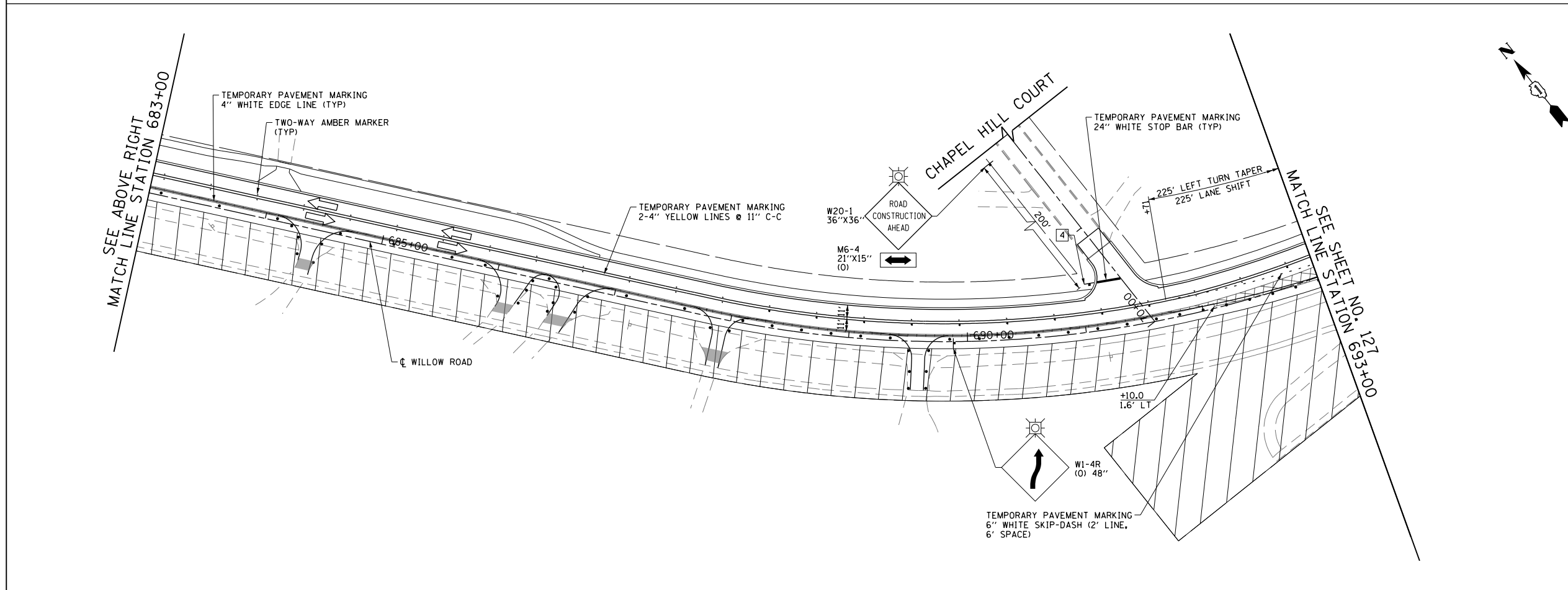
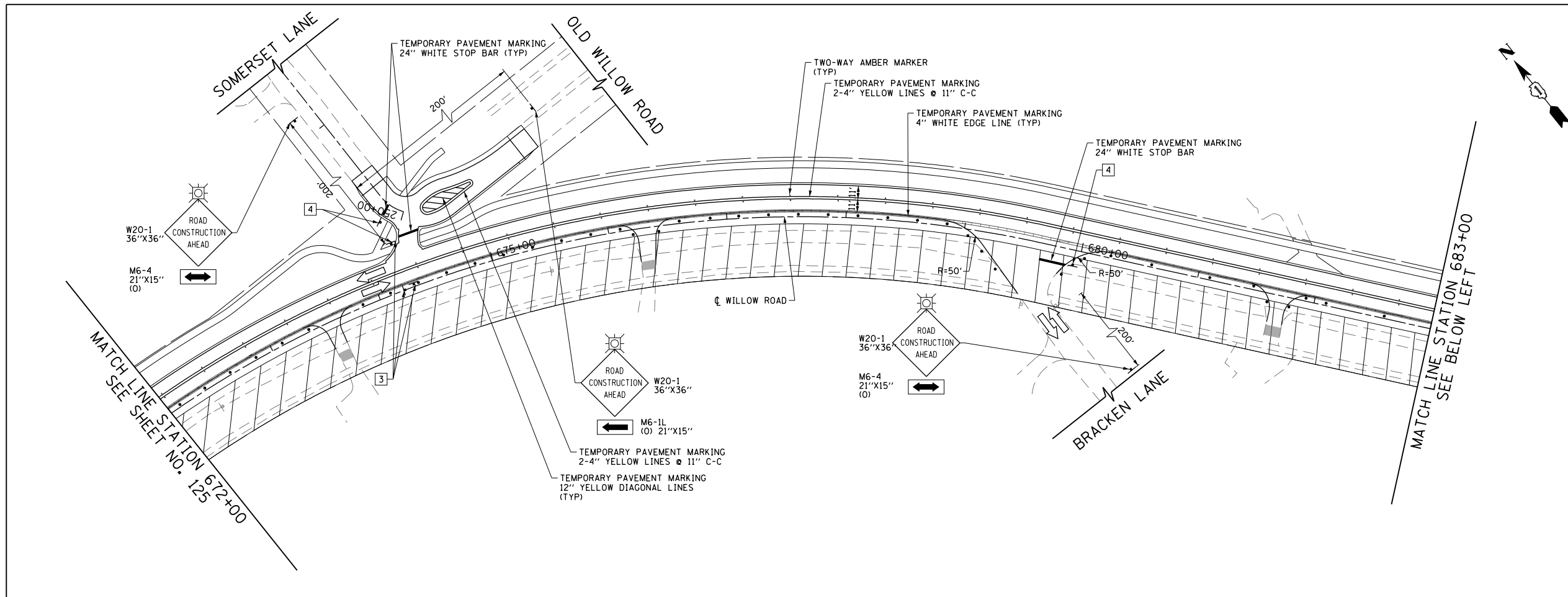
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 2**

SCALE: 1" = 50' SHEET NO. 125 OF 919 SHEETS STA. 649+00 TO STA. 672+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	125
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

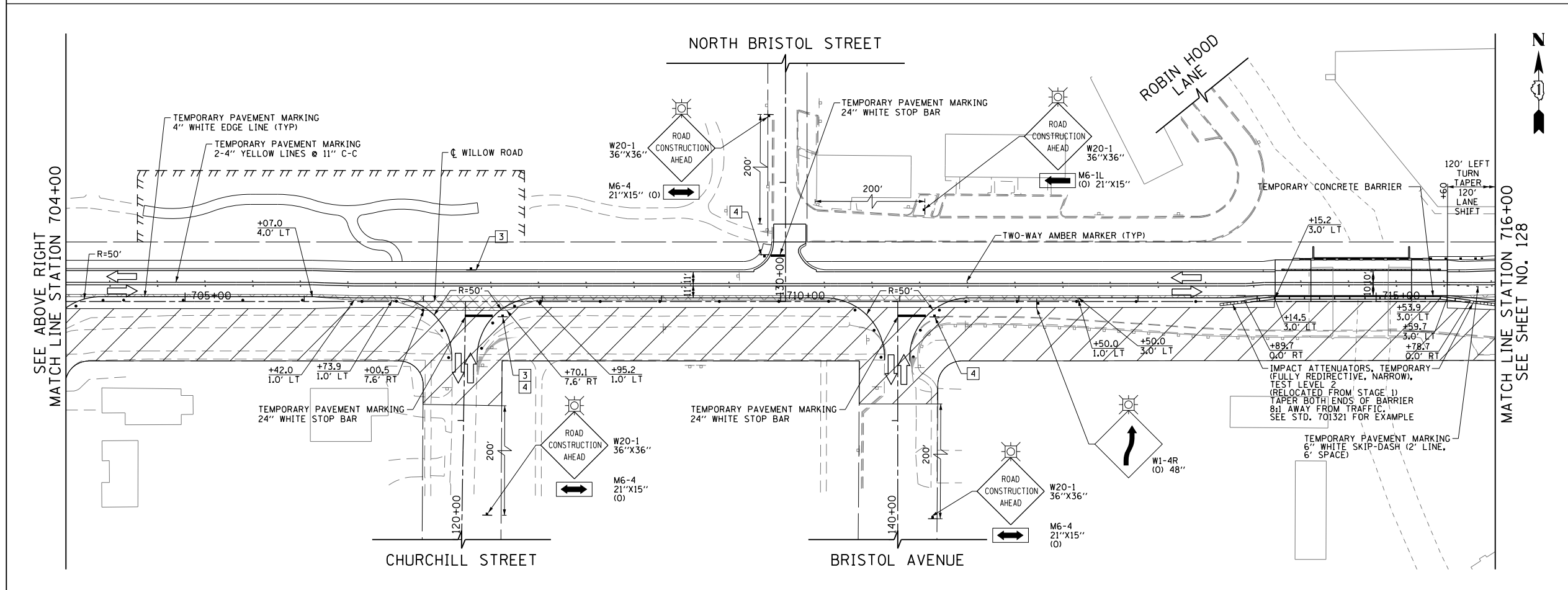
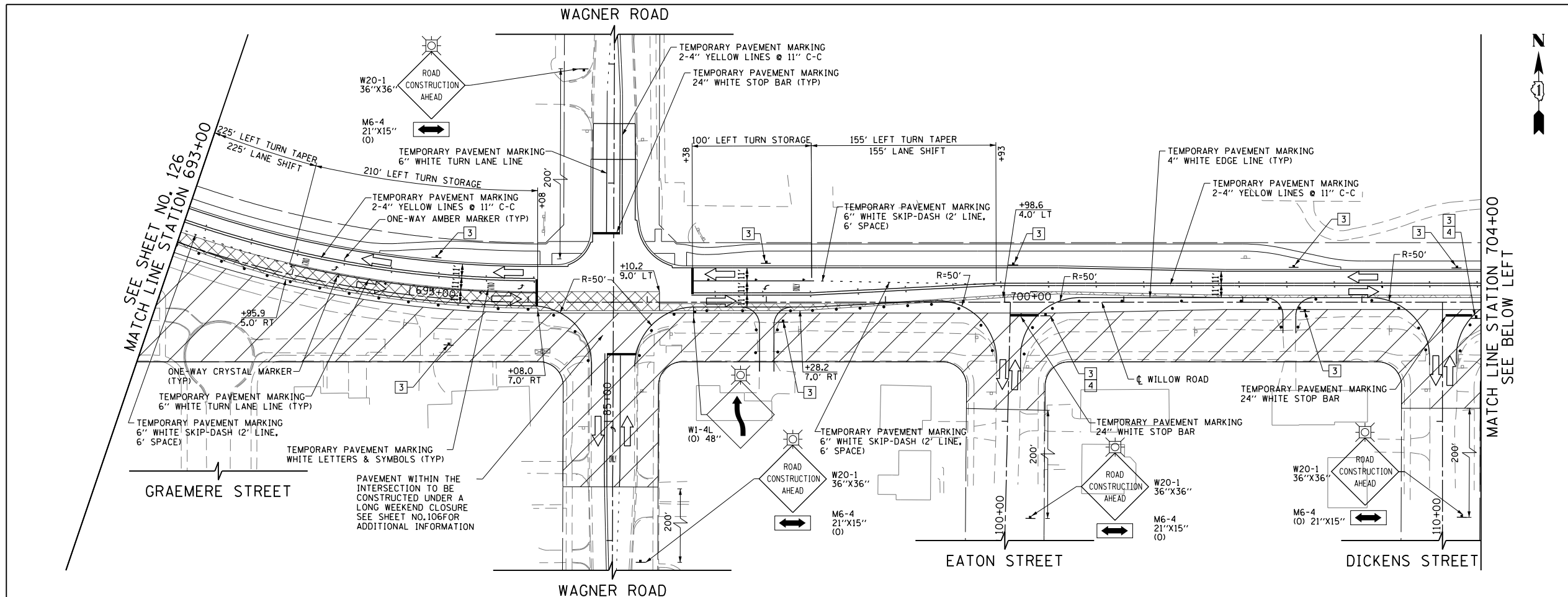


LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 R1-1 STOP
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 R6-1R 36" X 12" ONE WAY

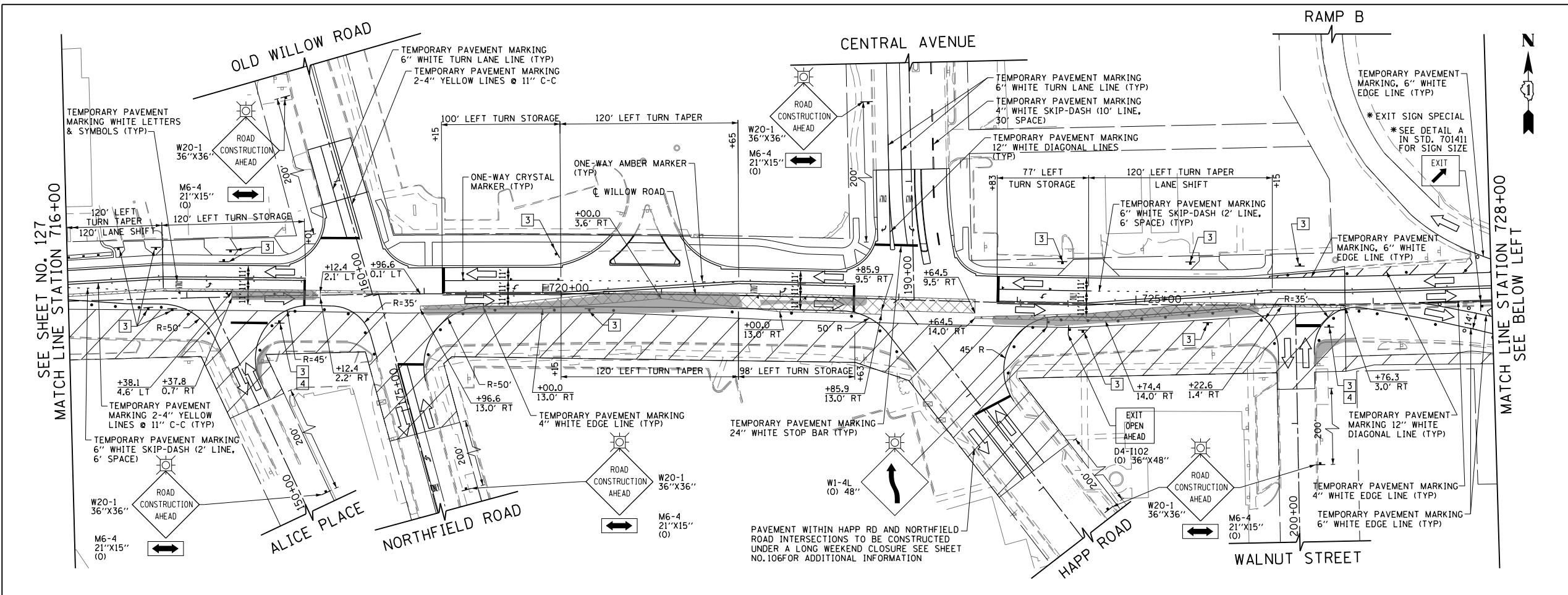
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G:\CH11\0158\Road-GV\Sheets\0160T35-SHT-STAGING-2-04.dgn		DRAWN - FY	REVISED -			305	1920,,01,1518,2022&1922,4BIR	COOK	919	126	
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

SCALE: 1" = 50' SHEET NO. 126 OF 919 SHEETS STA. 672+00 TO STA. 693+00



LEGEND

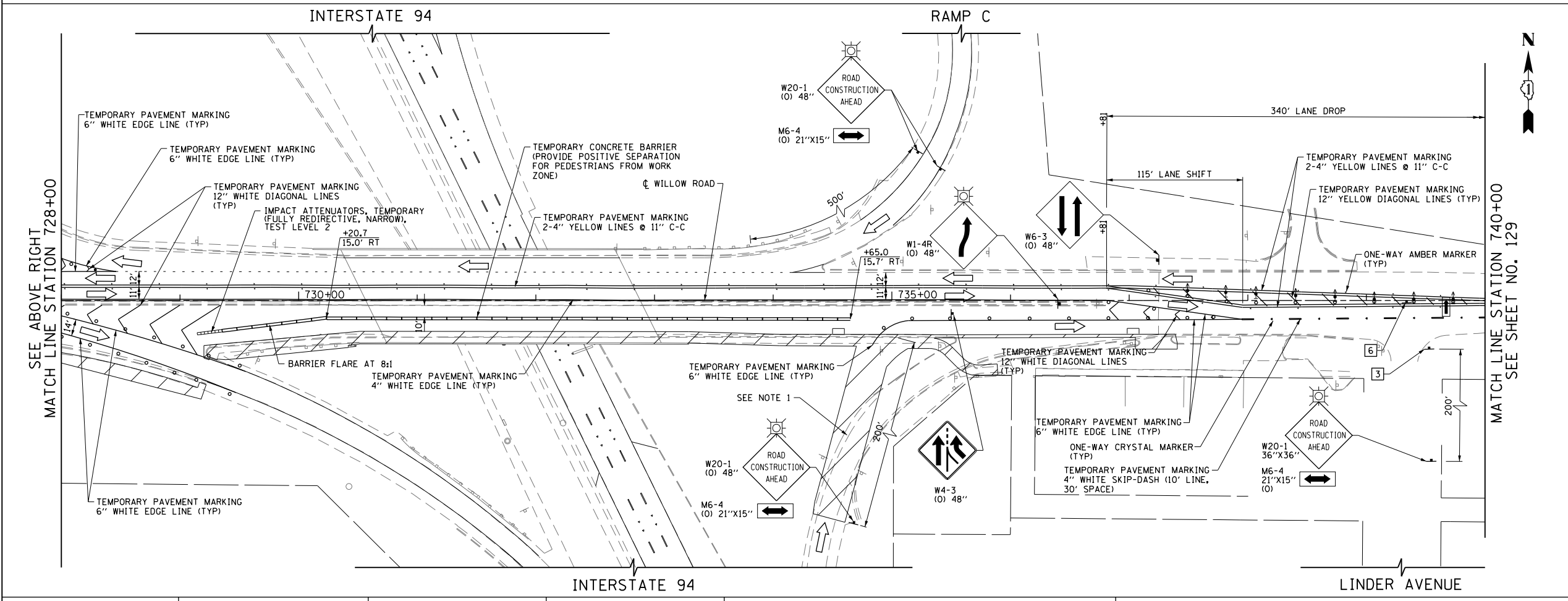
	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 STOP R1-1
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 ONE WAY R6-1R 36" X 12"



NOTES
 1. I-94 RAMP D WILL OPERATE IN EXISTING CONDITION PRIOR TO STAGE 2 DETOUR (SEE SHEET NO. 133). ONCE DETOUR IS COMPLETE, TRAFFIC WILL OPERATE IN PROPOSED CONFIGURATION.

LEGEND

- CONSTRUCTION WORK ZONE
- POST-STAGE 1 CONSTRUCTION WORK ZONE
- PRE-STAGE 3 CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
- TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONODIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW
- 1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
- 2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
- 3 R3-2 24" X 24"
- 4 R1-1 STOP
- 5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
- 6 R6-1R 36" X 12" ONE WAY



FILE NAME =	USER NAME = BAW:ort	DESIGNED - DBC	REVISED -
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		DATE - 10/31/2012	REVISED -

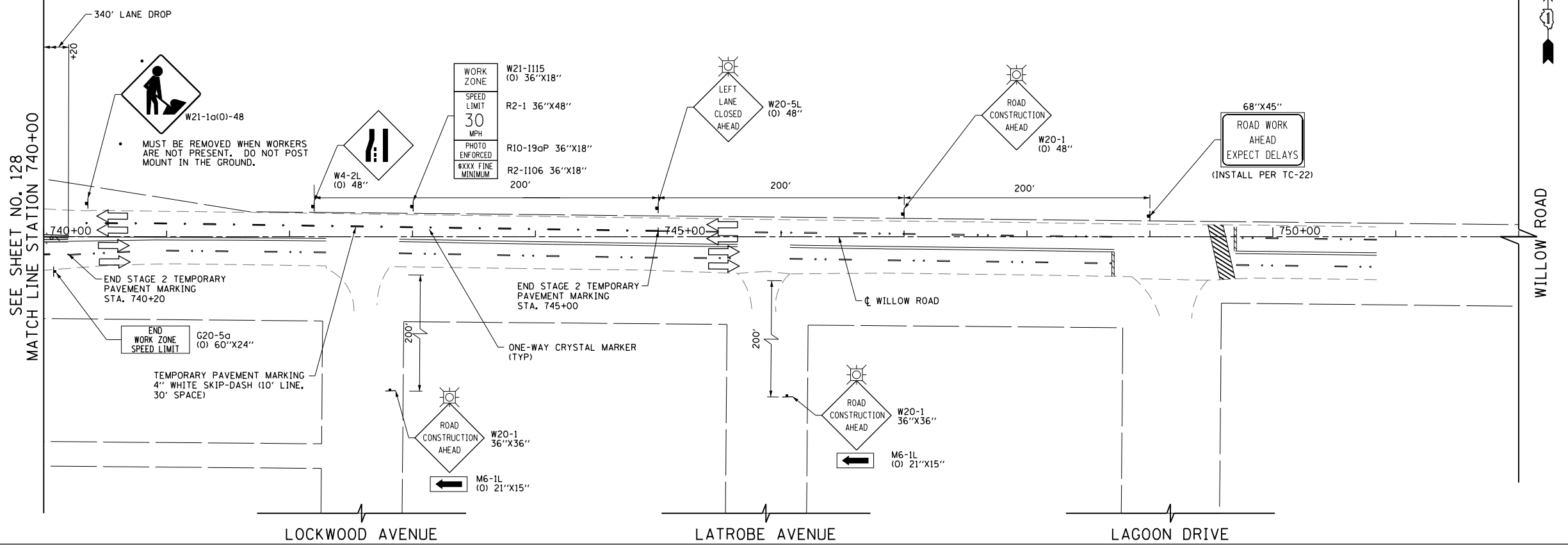
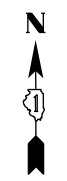
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
 MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 2**

SCALE: 1" = 50' SHEET NO. 128 OF 919 SHEETS STA. 716+00 TO STA. 740+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	1920,01,1518,2022&1922,4BIR	COOK	919	128
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

SEE SHEET NO. 128
MATCH LINE STATION 740+00



LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 R1-1
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 R6-1R 36" X 12"

FILE NAME =	USER NAME = BAW\rtort	DESIGNED - DBC	REVISED -
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PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -

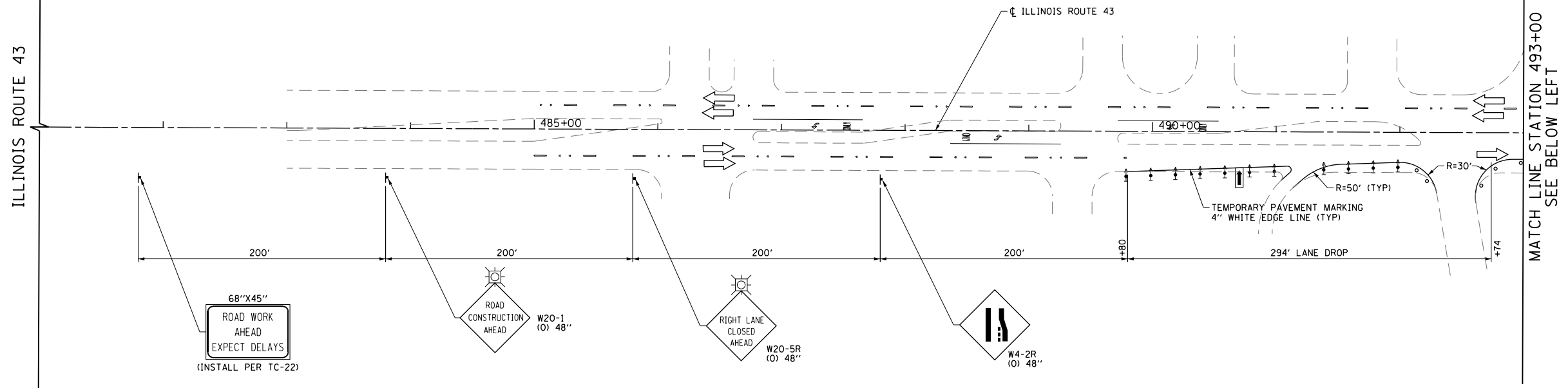
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 2**

SCALE: 1" = 50' SHEET NO. 129 OF 919 SHEETS STA. 740+00 TO STA. 752+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	1920..01,1518,2022&1922,4BIR	COOK	919	129
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

ILLINOIS ROUTE 43

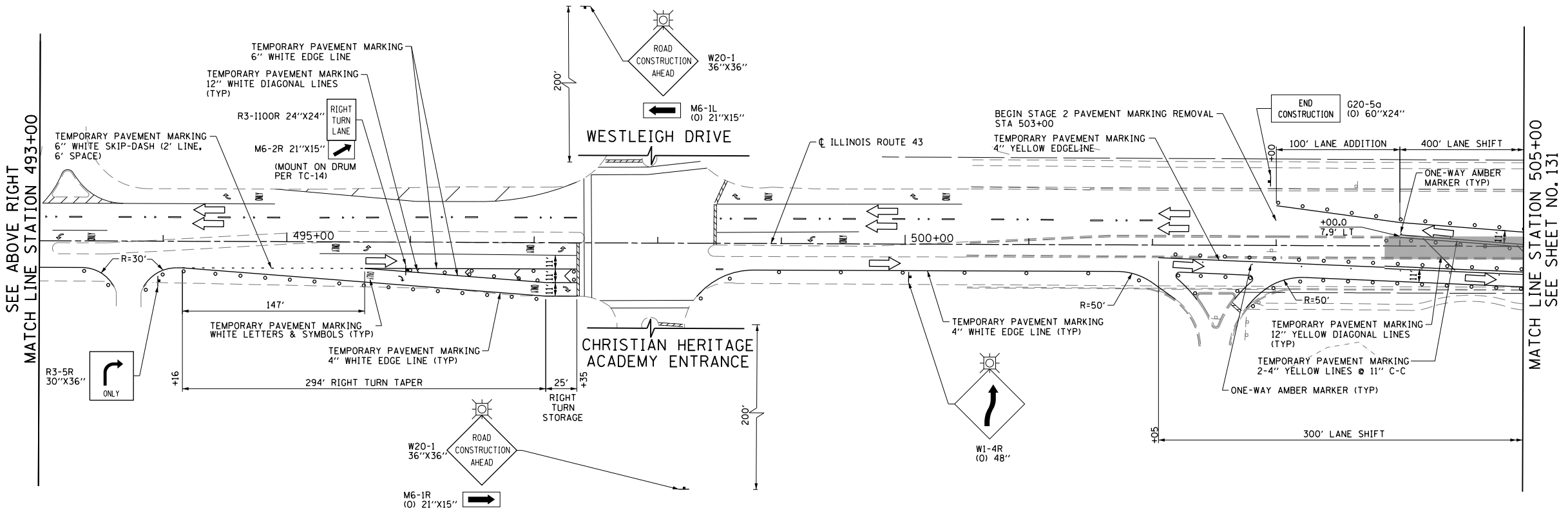


MATCH LINE STATION 493+00
SEE BELOW LEFT

LEGEND

- CONSTRUCTION WORK ZONE
- POST-STAGE 1 CONSTRUCTION WORK ZONE
- PRE-STAGE 3 CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
- TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONODIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW
- 1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
- 2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
- 3 R3-2 24" X 24"
- 4 STOP R1-1
- 5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
- 6 ONE WAY R6-1R 36" X 12"

SEE ABOVE RIGHT
MATCH LINE STATION 493+00



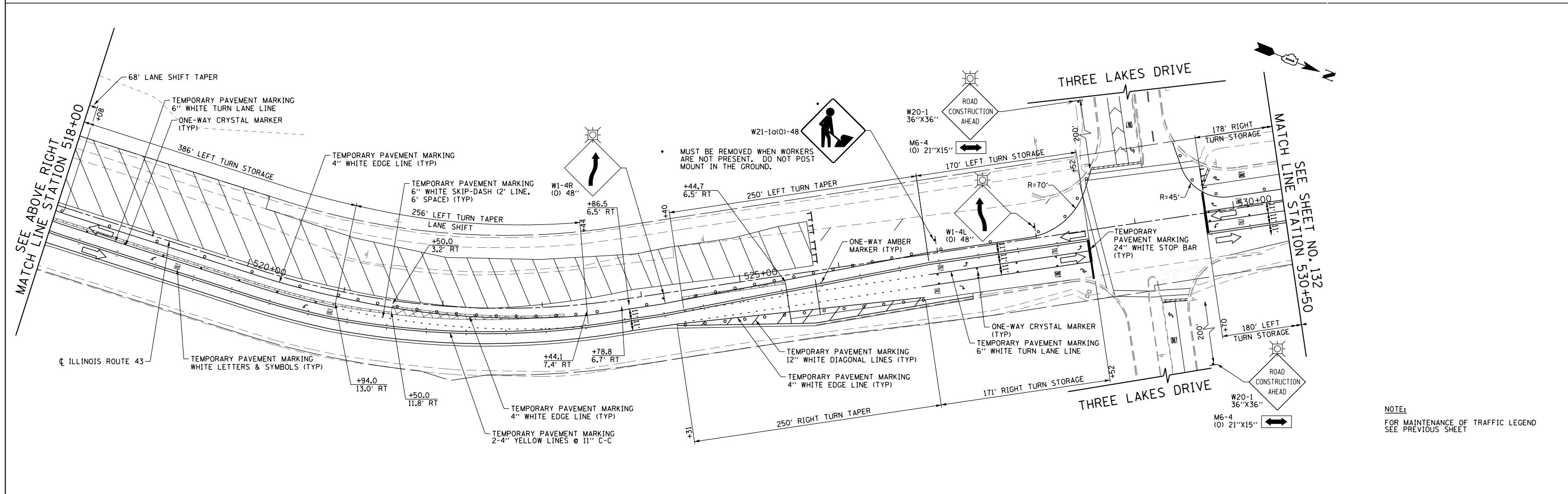
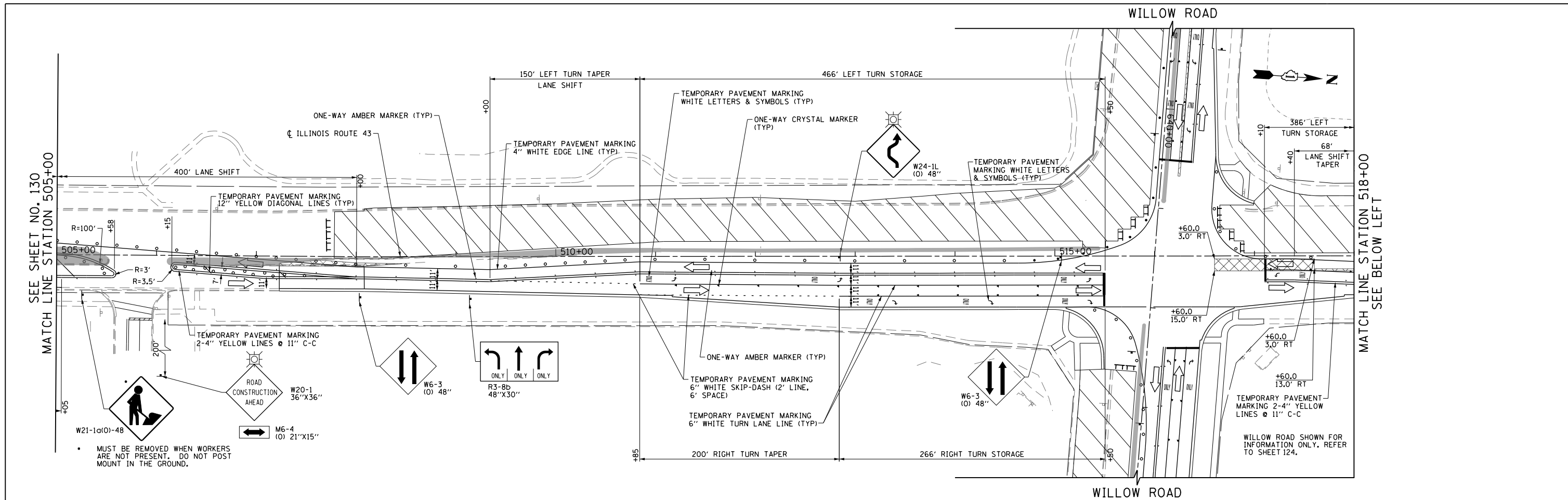
MATCH LINE STATION 505+00
SEE SHEET NO. 131

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PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

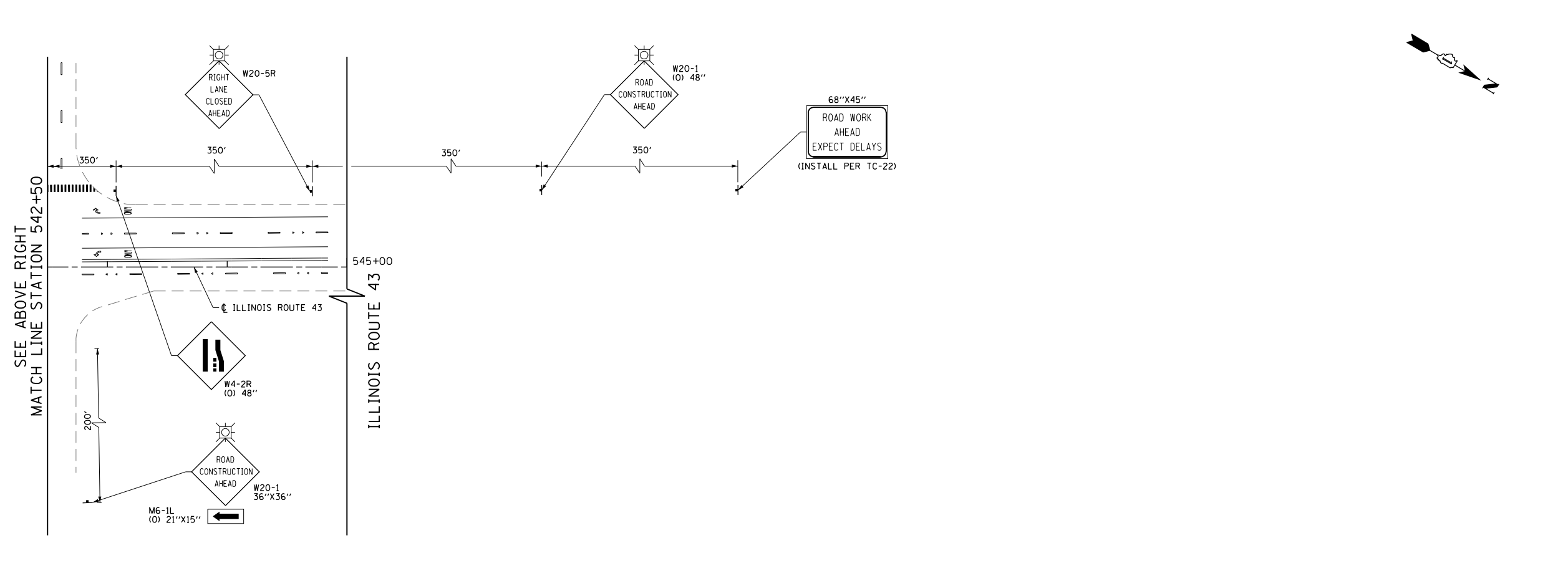
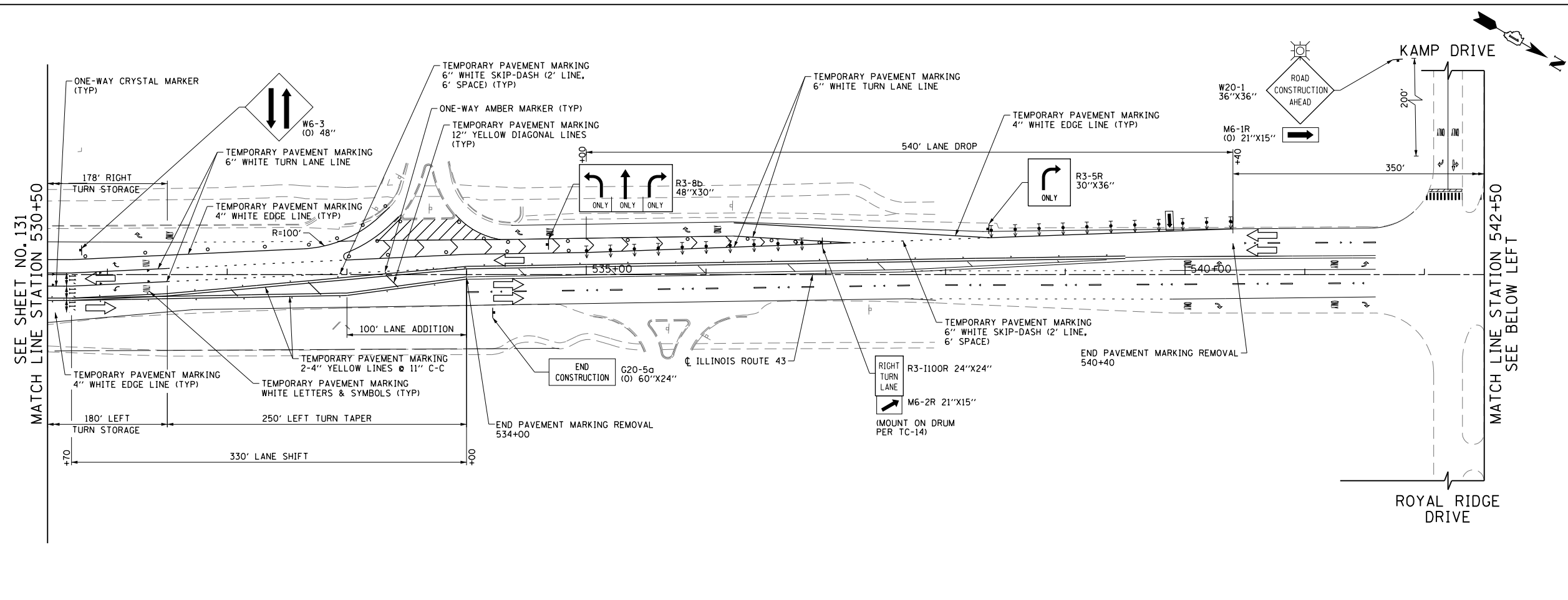
SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - ILLINOIS ROUTE 43 STAGE 2
SCALE: 1" = 50' SHEET NO. 130 OF 919 SHEETS STA. 481+00 TO STA. 505+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	130
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



NOTE:
FOR MAINTENANCE OF TRAFFIC LEGEND
SEE PREVIOUS SHEET

FILE NAME =	USER NAME = BAW\rt	DESIGNED - DBC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC - ILLINOIS ROUTE 43 STAGE 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 11/29/2012	DATE = 10/31/2012	CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 STOP R1-1
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 ONE WAY R6-1R 36" X 12"

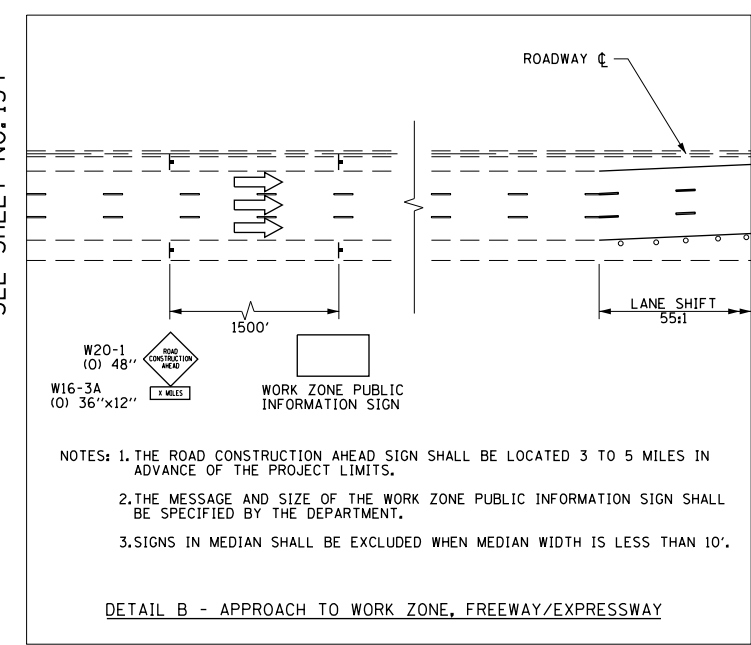
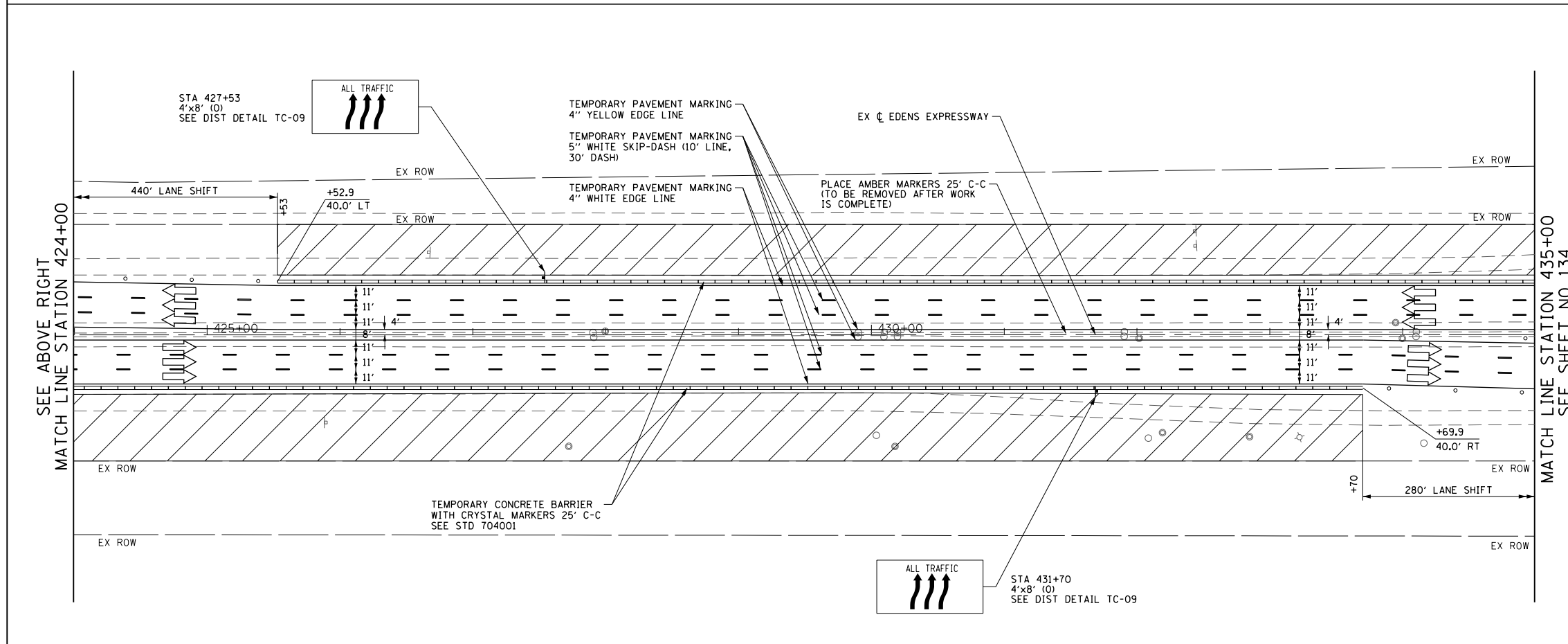
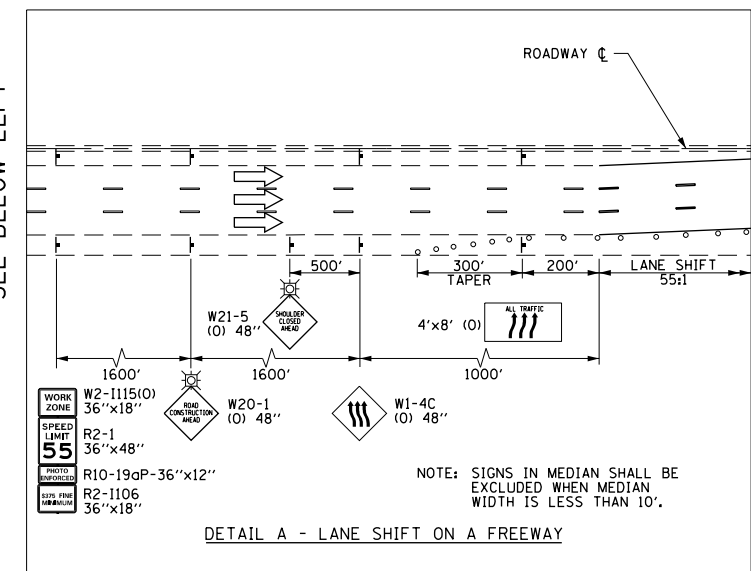
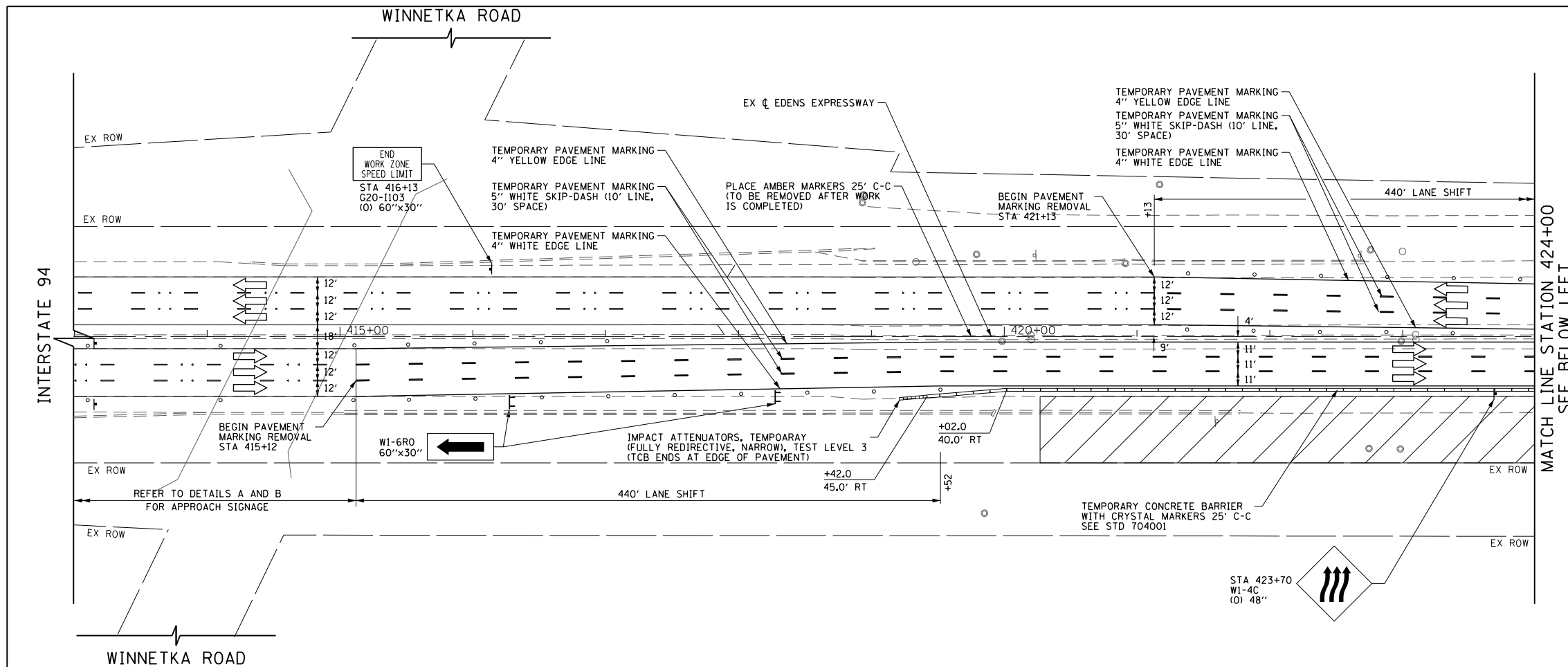
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PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - ILLINOIS ROUTE 43 STAGE 2**

SCALE: 1" = 50' SHEET NO. 132 OF 919 SHEETS STA. 530+50 TO STA. 545+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BR)	COOK	919	132
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



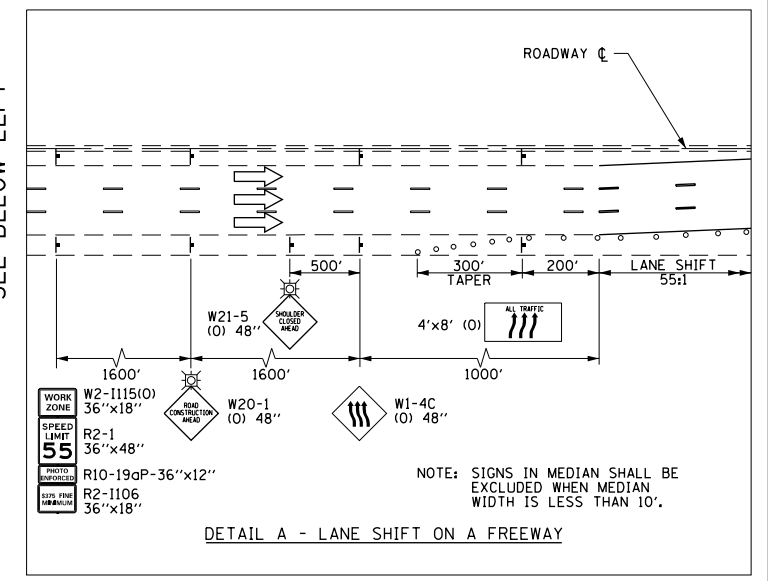
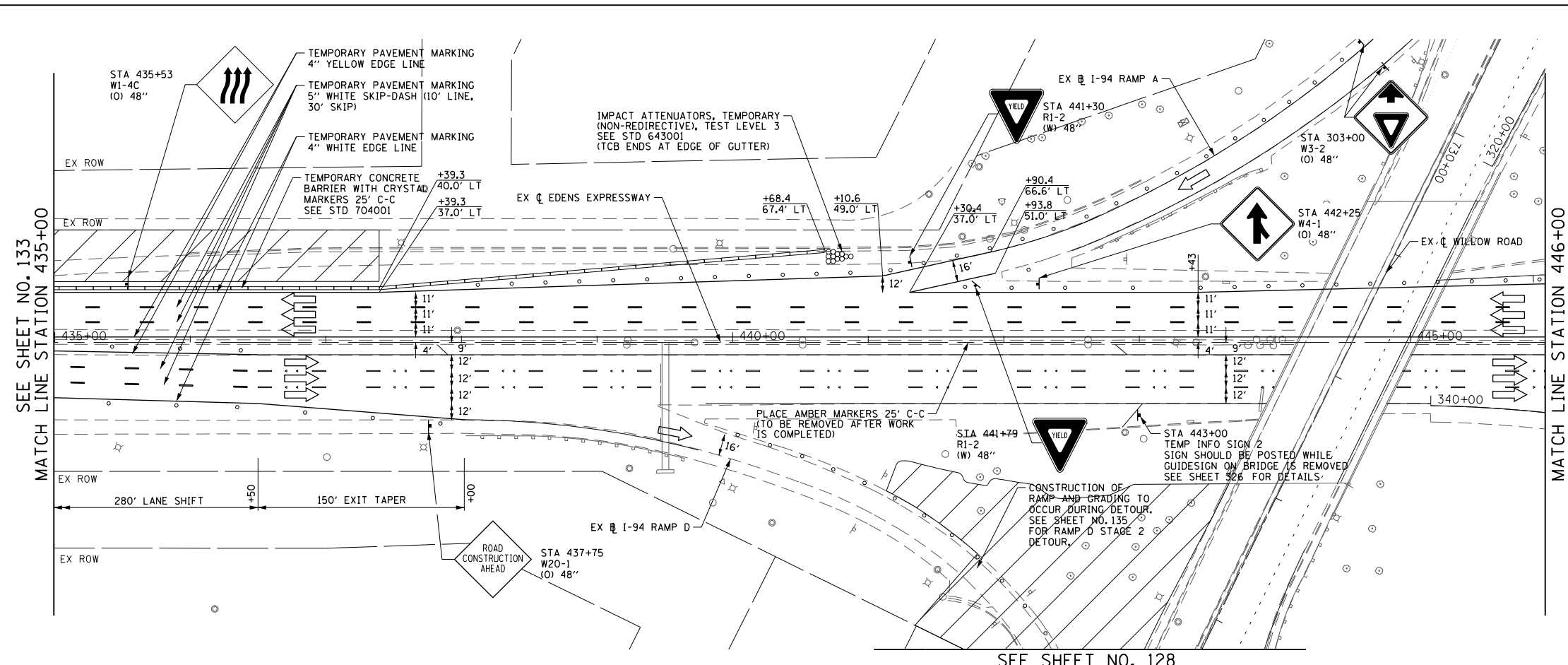
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PLOT SCALE = 100.0000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

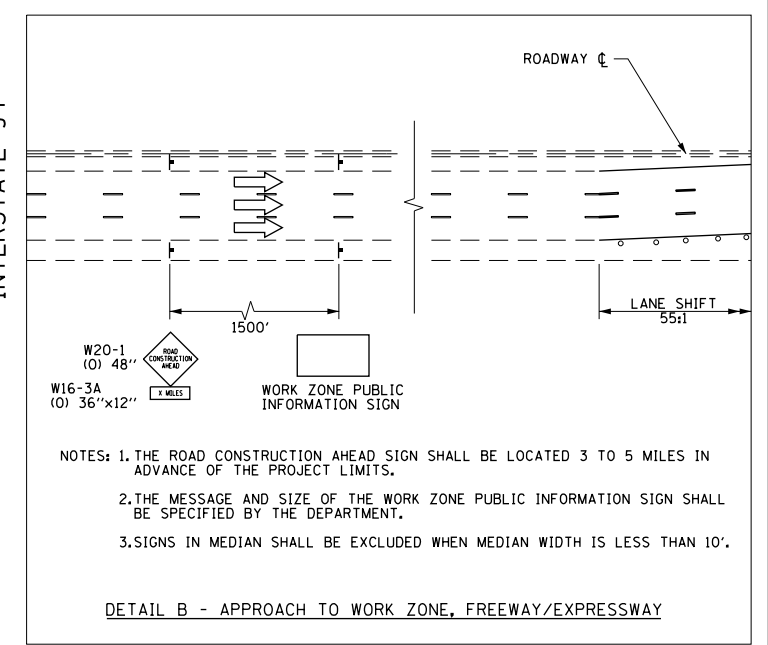
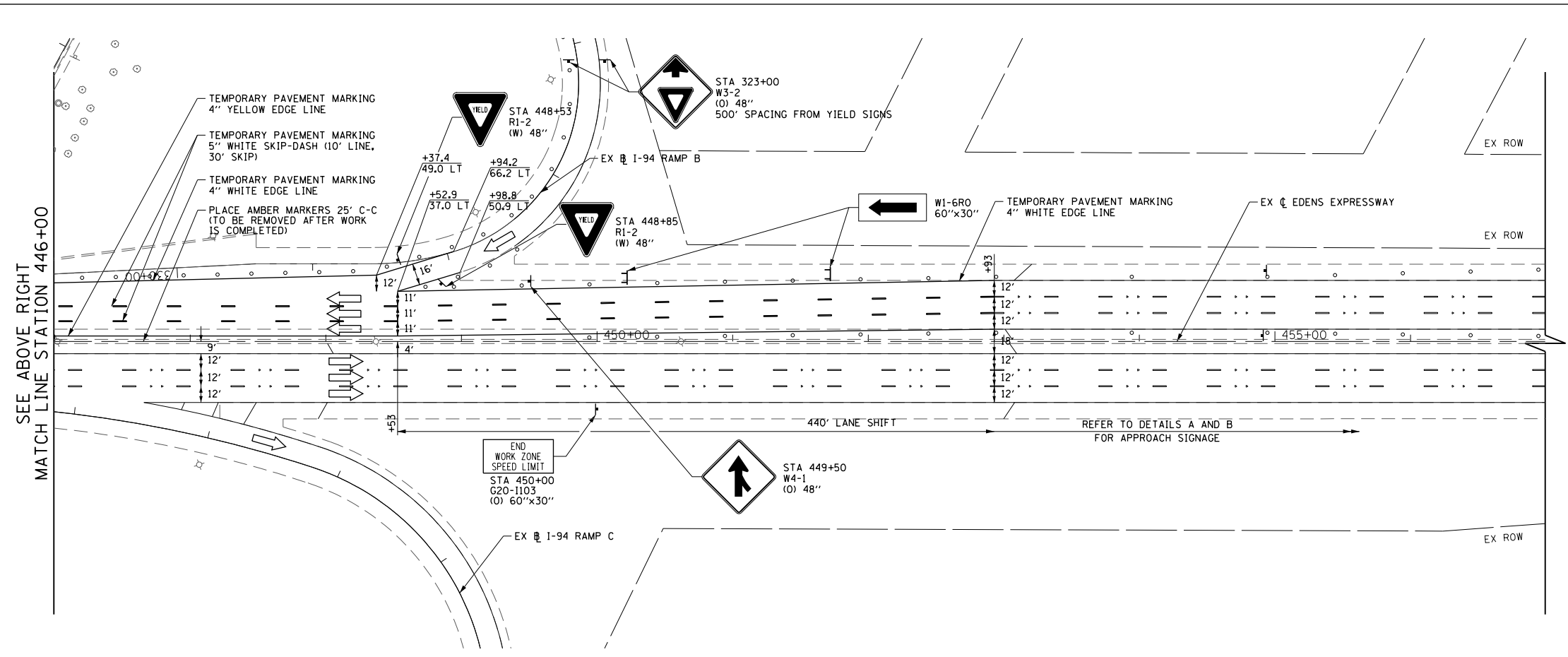
**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - INTERSTATE 94 STAGE 2**

SCALE: 1" = 50' SHEET NO. 133 OF 919 SHEETS STA. 424+00 TO STA. 435+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4BIR	COOK	919	133
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



SEE SHEET NO. 128



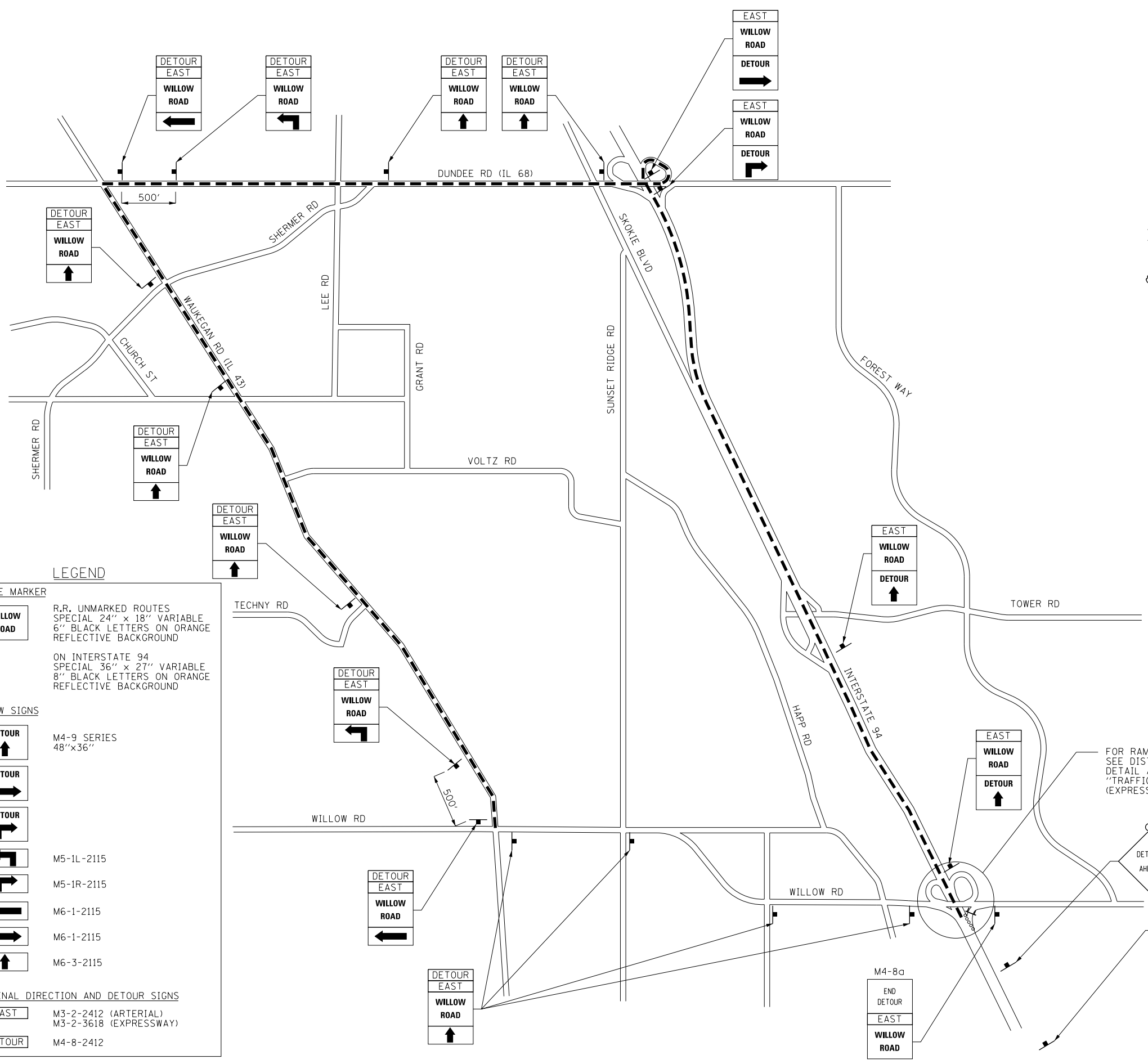
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PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - INTERSTATE 94 STAGE 2**

SCALE: 1" = 50' SHEET NO. 134 OF 919 SHEETS STA. 435+00 TO STA. 457+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4BIR	COOK	919	134
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



- NOTES**
1. THE DETOUR HAS BEEN APPROVED TO COMPLETE CONSTRUCTION OF INTERSTATE 94 RAMP D. THE CONTRACTOR HAS 10 CALENDAR DAYS TO DETOUR TRAFFIC. AFTER 10 CALENDAR DAYS, THE CONTRACTOR SHALL OPEN RAMP D IN THE PROPOSED CONFIGURATION.
 2. CHANGEABLE MESSAGE SIGNS ARE TO BE PLACED TWO (2) WEEKS PRIOR TO THE START OF THE DETOUR. CHANGEABLE MESSAGE SIGNS TO BE PAID FOR SEPARATELY (NOT INCLUDED IN THE COST OF THE DETOUR).
 3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO THE OPENING OF THE DETOUR ROUTE. THIS WORK IS INCIDENTAL TO THE COST OF "TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR". COVERS SHALL BE REMOVED AT THE TIME THE DETOUR SIGNS ARE REMOVED.
 4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISIONS FOR "TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR", HIGHWAY STANDARD 701901, AND DISTRICT DETAIL TC-21.
 5. IF DEEMED NECESSARY BY THE ENGINEER, A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR SHALL BE HELD AT LEAST TWO WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ROAD SHALL NOT BE CLOSED UNTIL ALL DETOUR SIGNAGE IS IN PLACE.
 6. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR" AND WILL NOT BE PAID FOR SEPARATELY.
 7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE RAMP IS REOPENED TO TRAFFIC.
 8. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR, AND SHALL BE POST-MOUNTED IN THE GROUND PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901.

LEGEND

ROUTE MARKER

WILLOW ROAD
R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
6" BLACK LETTERS ON ORANGE
REFLECTIVE BACKGROUND

ON INTERSTATE 94
SPECIAL 36" x 27" VARIABLE
8" BLACK LETTERS ON ORANGE
REFLECTIVE BACKGROUND

ARROW SIGNS

DETOUR (up arrow)
M4-9 SERIES
48"x36"

DETOUR (right arrow)

DETOUR (left arrow)

DETOUR (down arrow)

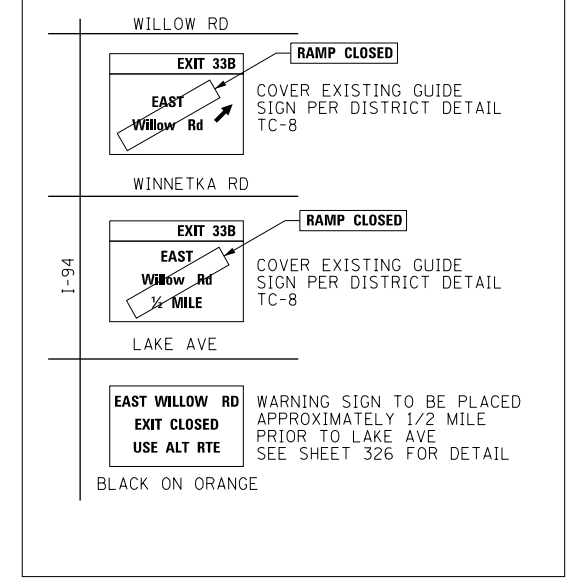
M5-1L-2115
M5-1R-2115
M6-1-2115
M6-1-2115
M6-3-2115

CARDINAL DIRECTION AND DETOUR SIGNS

EAST
M3-2-2412 (ARTERIAL)
M3-2-3618 (EXPRESSWAY)

DETOUR
M4-8-2412

DETAIL A - PRE-DETOUR SIGN LAYOUT



FOR RAMP CLOSURE DETAILS SEE DISTRICT 1 STANDARD TC-8 AND DETAIL A. TO BE PAID FOR AS "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".

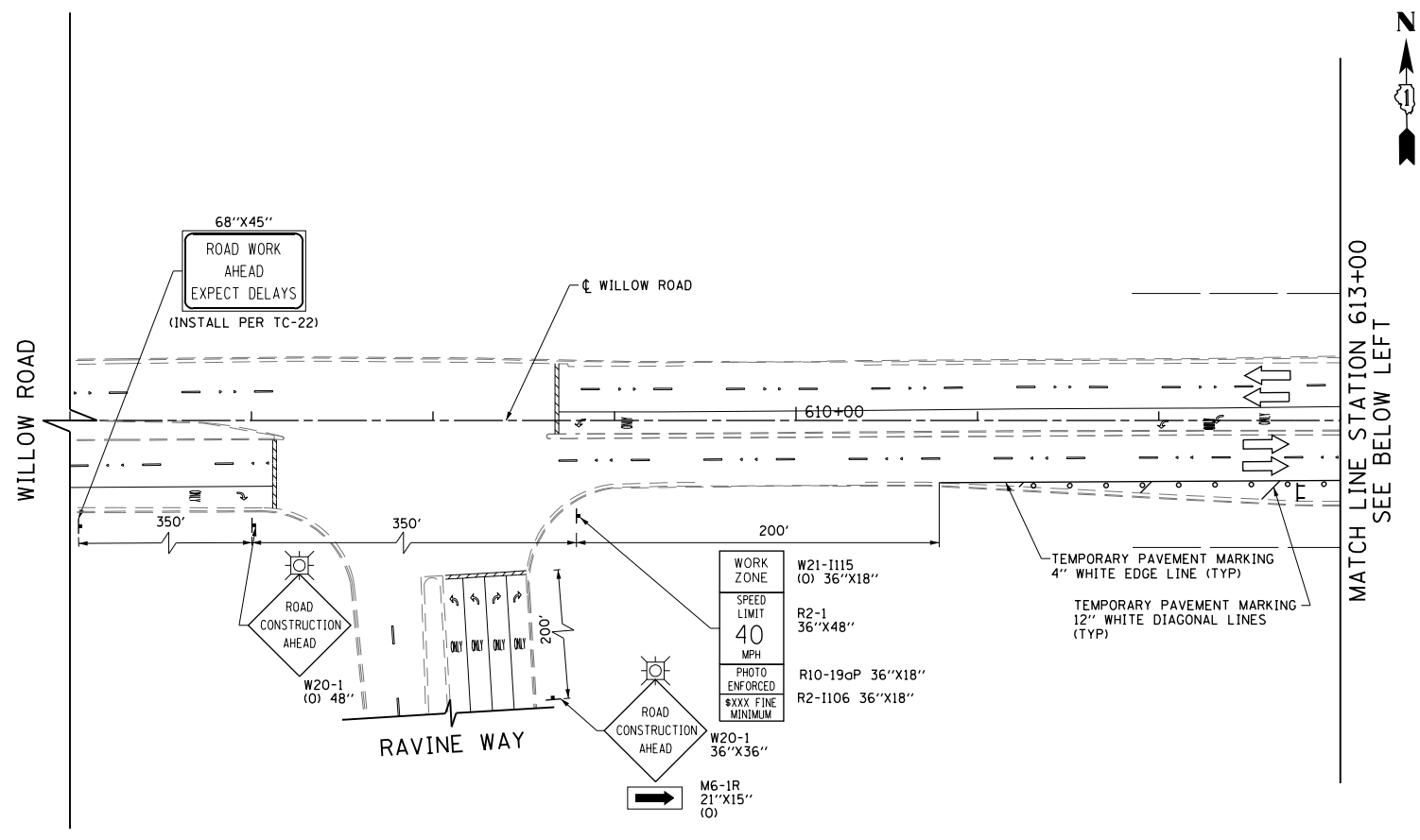
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

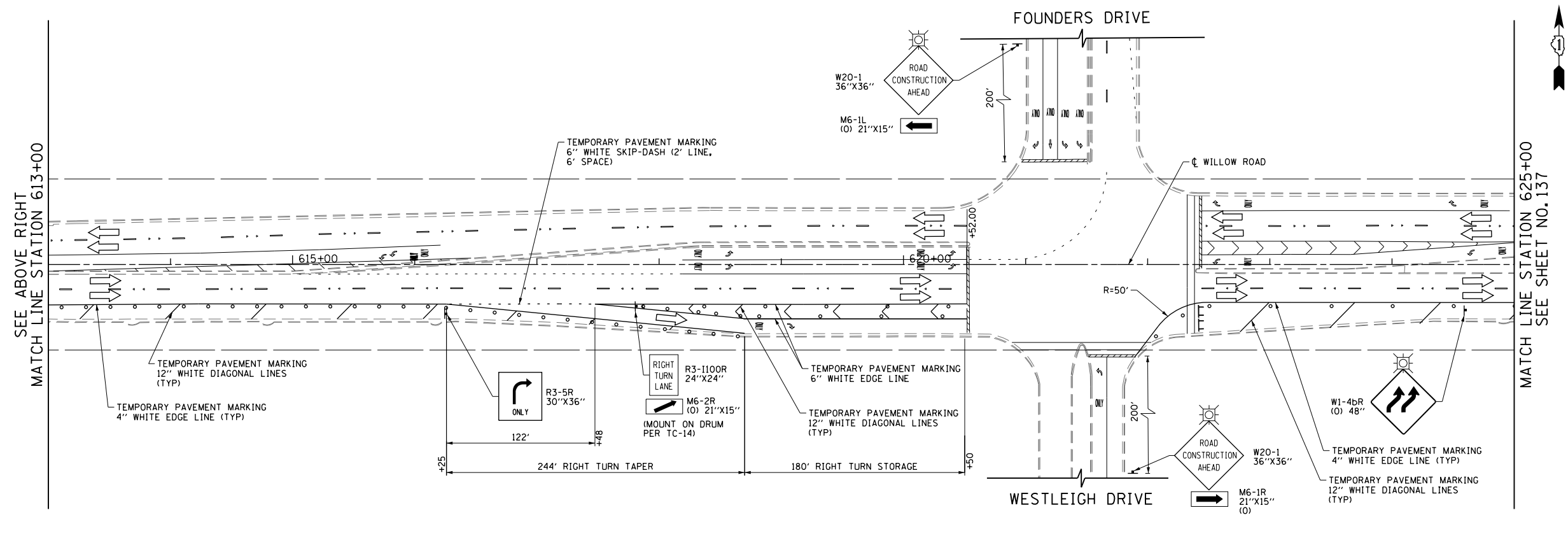
**INTERSTATE 94 RAMP D DETOUR PLAN
STAGE 2**

SCALE: N.T.S. SHEET NO. 135 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	135
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



- LEGEND
- CONSTRUCTION WORK ZONE
 - POST-STAGE 1 CONSTRUCTION WORK ZONE
 - PRE-STAGE 3 CONSTRUCTION WORK ZONE
 - TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
 - TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
 - ARROW BOARD
 - SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
 - MONODIRECTIONAL FLASHING LIGHT
 - DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
 - DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
 - TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
 - VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
 - DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
 - MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
 - DIRECTION OF TRAFFIC FLOW
 - 1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
 - 2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
 - 3 R3-2 24" X 24"
 - 4 R1-1 STOP
 - 5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
 - 6 R6-1R 36" X 12" ONE WAY



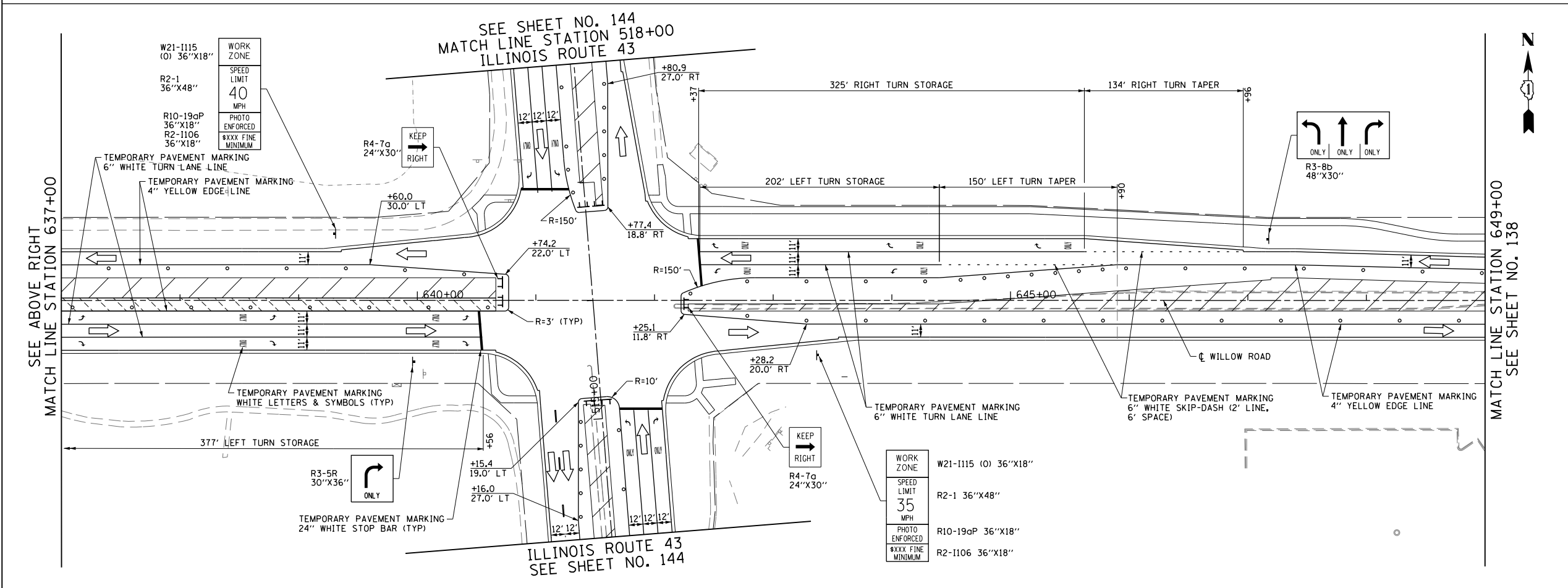
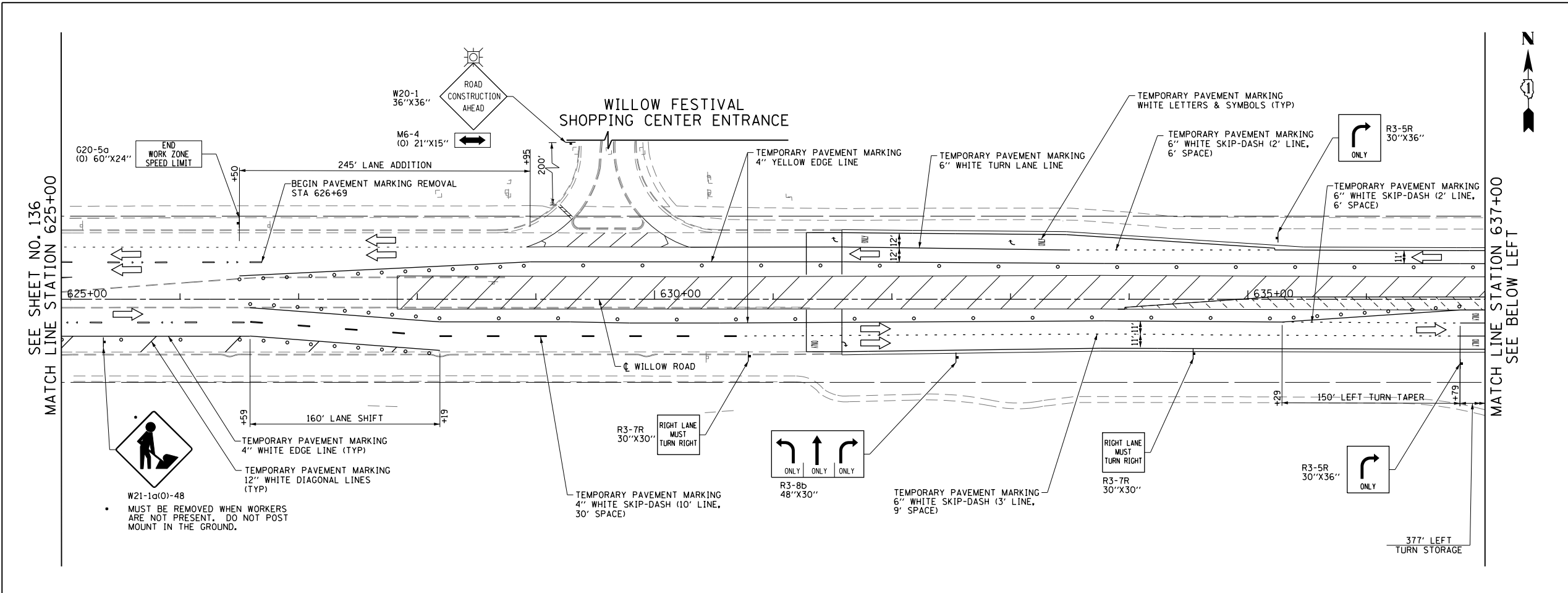
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PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 3**

SCALE: 1" = 50' SHEET NO. 136 OF 919 SHEETS STA. 606+00 TO STA. 625+00

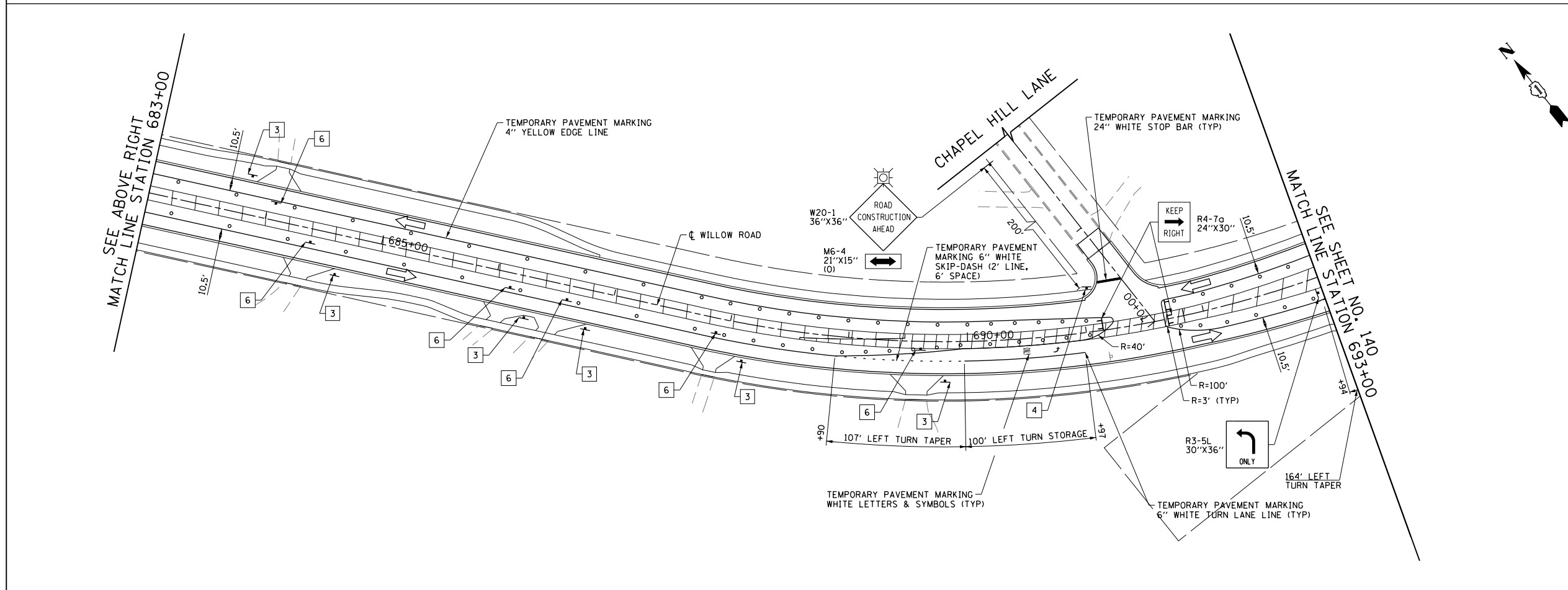
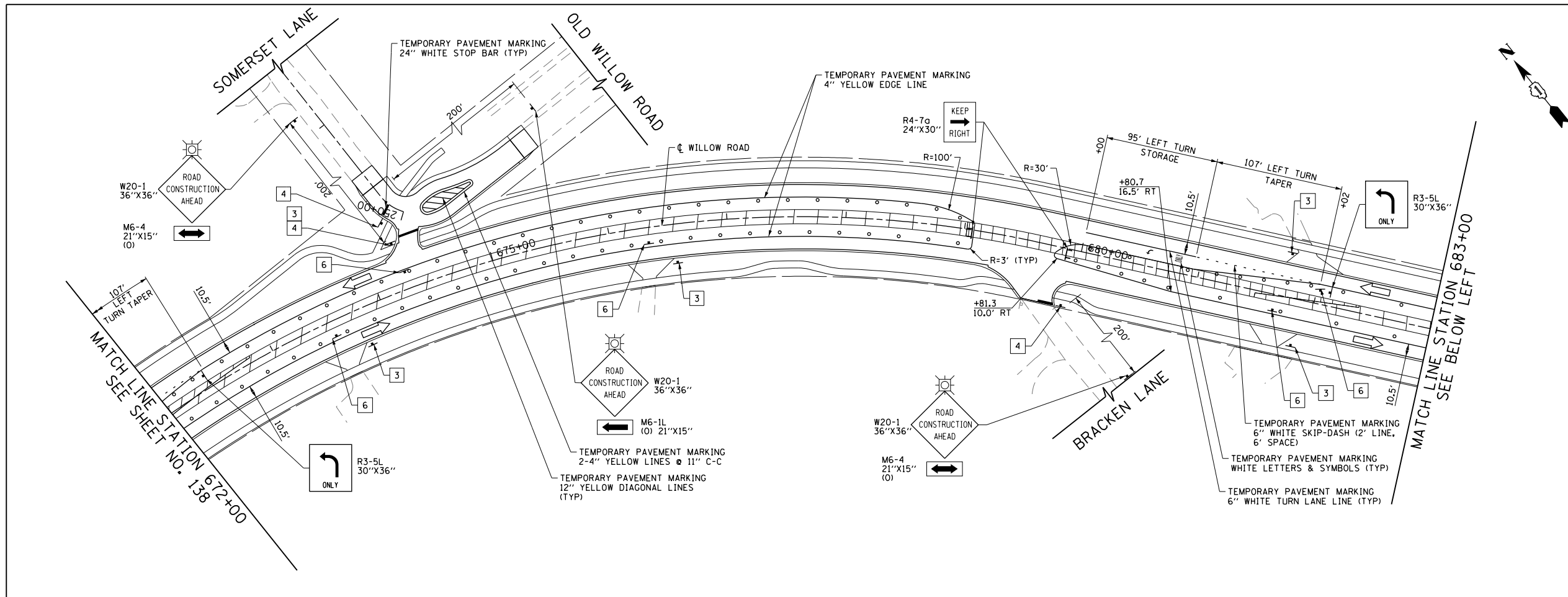
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	136
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



LEGEND

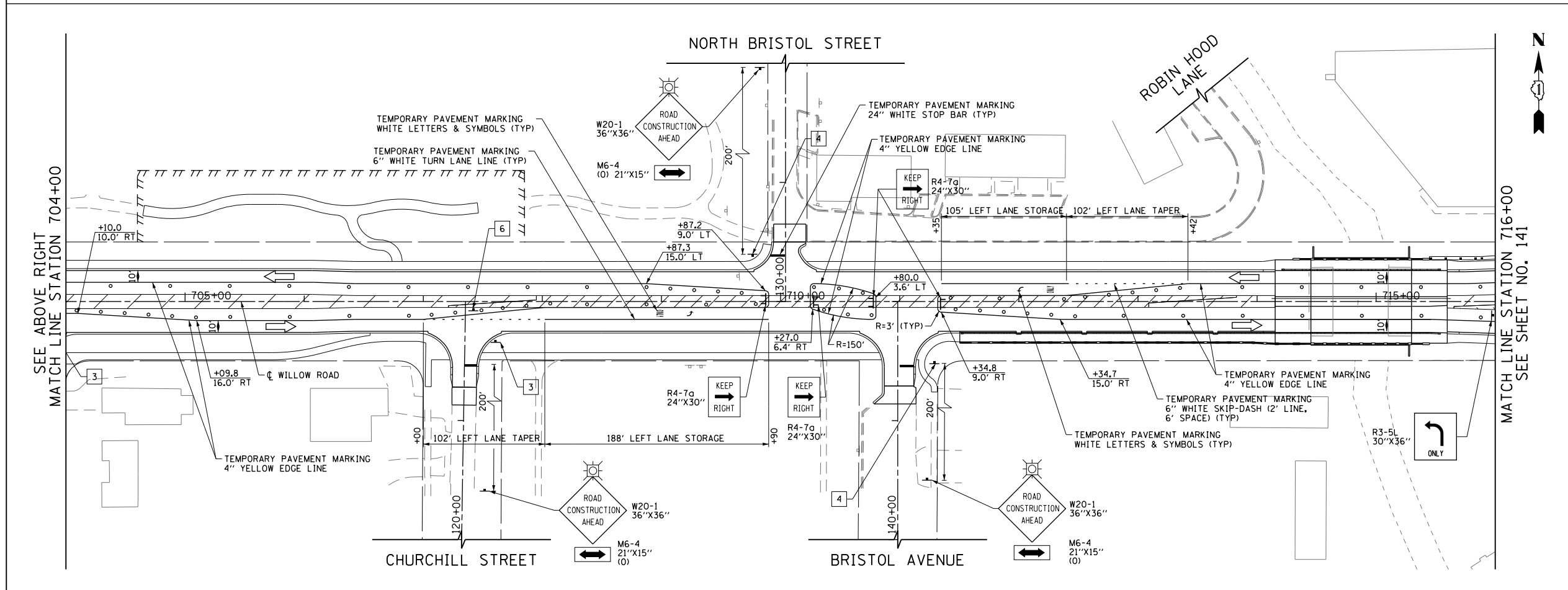
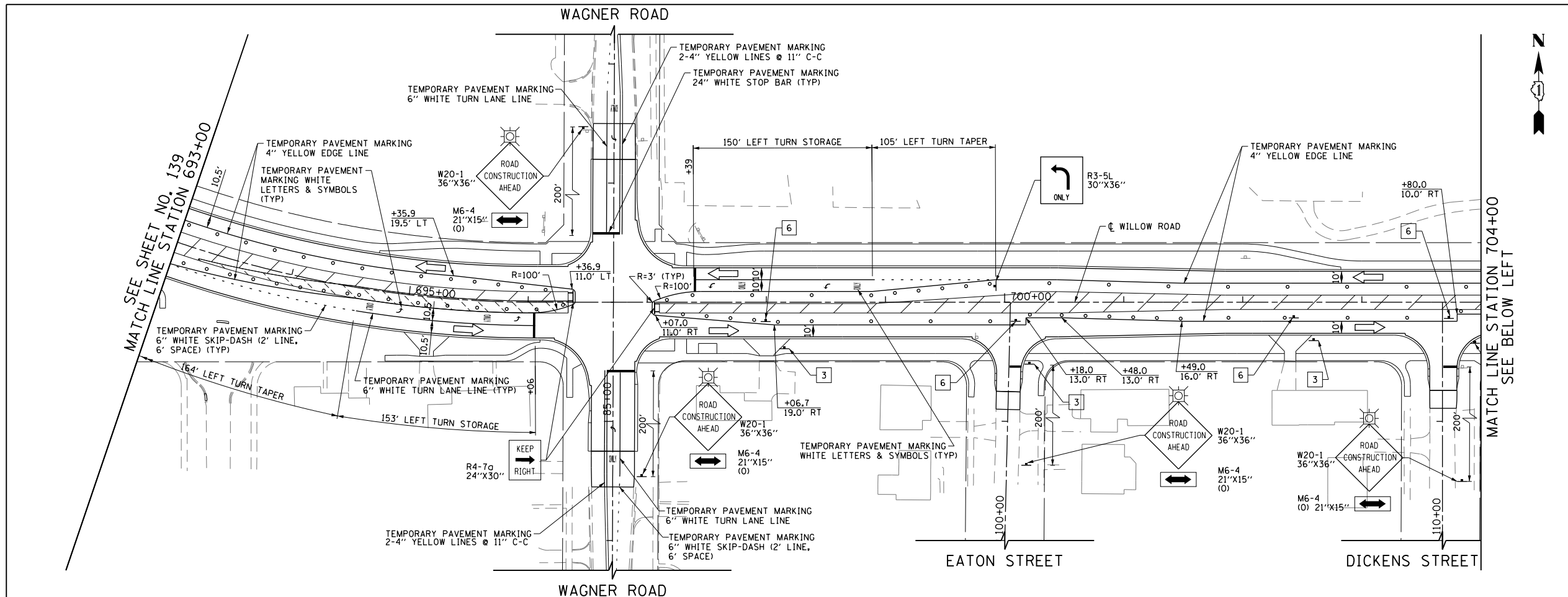
	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 STOP R1-1
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 ONE WAY R6-1R 36" X 12"

FILE NAME = G:\CH11\0158\Road\Road-GV\Sheets\DI60T35-SHT-STAGING-3-02.dgn	USER NAME = BAW\rt	DESIGNED - DBC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 3	F.A.P. RTE. 305	SECTION (I920.01,1518,2022&1922,4BIR)	COUNTY COOK	TOTAL SHEETS 919	SHEET NO. 137		
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISIED -	REVISIED -			SCALE: 1" = 50'	SHEET NO. 137 OF 919 SHEETS	STA. 625+00	TO STA. 649+00	CONTRACT NO. 60T35		
PLOT DATE = 11/29/2012	DATE - 10/31/2012	REVISIED -	REVISIED -			FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT			



LEGEND

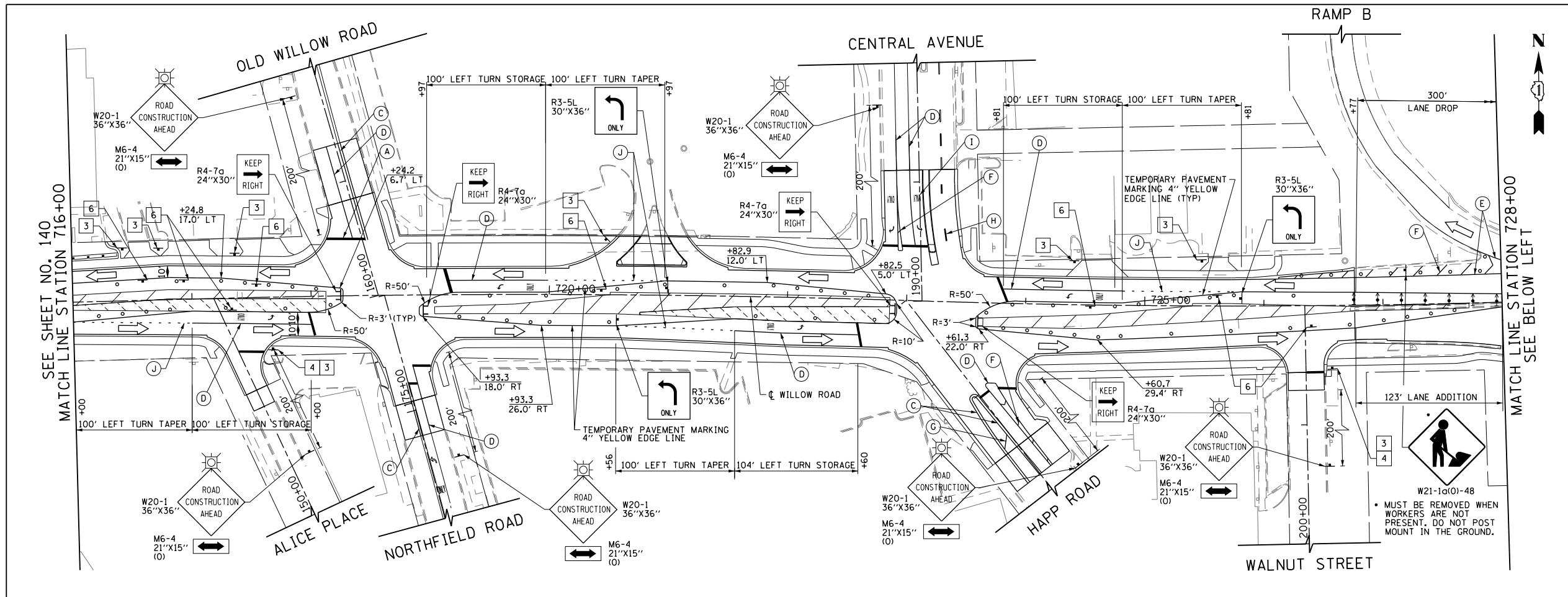
	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
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	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
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	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 STOP R1-1
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
	6 ONE WAY R6-1R 36" X 12"



LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
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	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
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	3 R3-2 24" X 24"
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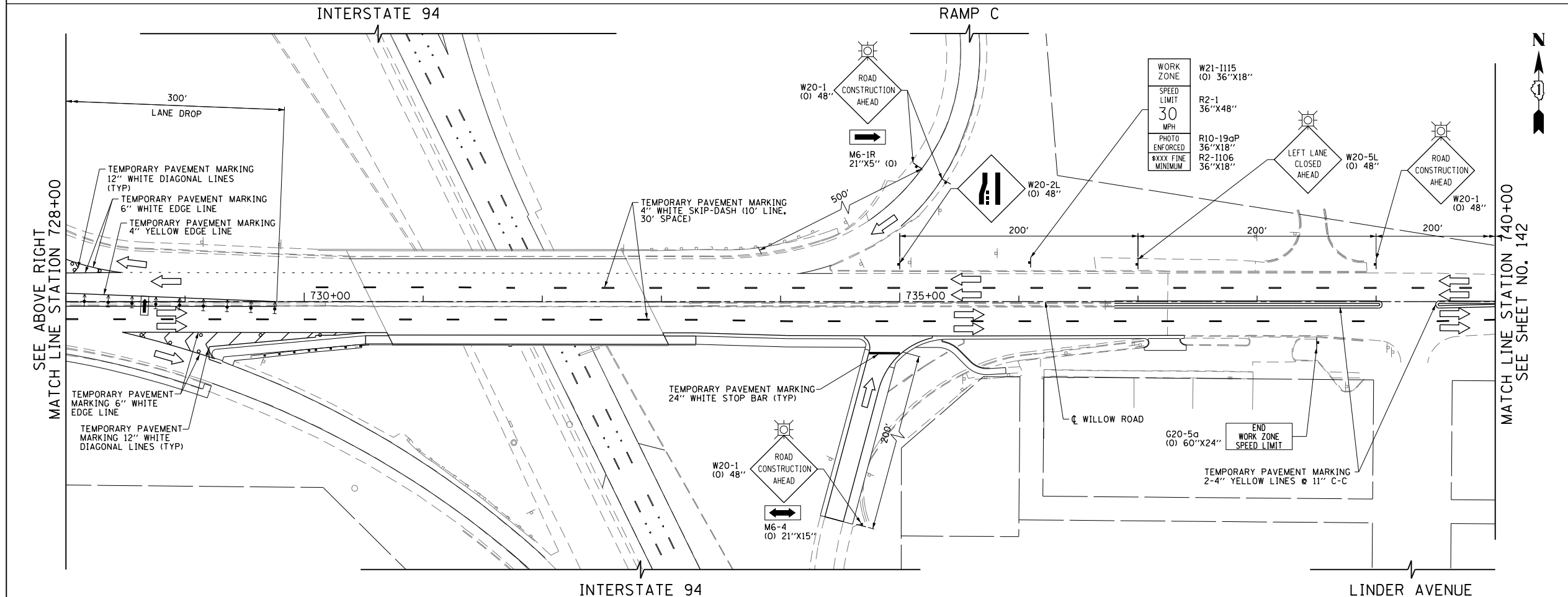
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PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISIED -	SCALE: 1" = 50'			SHEET NO. 140 OF 919 SHEETS	STA. 693+00	TO STA. 716+00	CONTRACT NO. 60T35		
PLOT DATE = 11/29/2012	DATE - 10/31/2012	REVISIED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								



- (A) TEMPORARY PAVEMENT MARKING 24" WHITE STOP BAR (TYP)
- (B) TEMPORARY PAVEMENT MARKING 8" WHITE CROSSWALK LINE (TYP)
- (C) TEMPORARY PAVEMENT MARKING 2-4" YELLOW LINES @ 11" C-C
- (D) TEMPORARY PAVEMENT MARKING 6" WHITE TURN LANE LINE
- (E) TEMPORARY PAVEMENT MARKING 6" WHITE EDGE LINE
- (F) TEMPORARY PAVEMENT MARKING 12" WHITE DIAGONAL LINES (TYP)
- (G) TEMPORARY PAVEMENT MARKING 12" YELLOW DIAGONAL LINES (TYP)
- (H) TEMPORARY PAVEMENT MARKING 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- (I) TEMPORARY PAVEMENT MARKING WHITE LETTERS & SYMBOLS (TYP)
- (J) TEMPORARY PAVEMENT MARKING 6" WHITE SKIP-DASH (2' LINE, 6' SPACE)

LEGEND

- CONSTRUCTION WORK ZONE
- POST-STAGE 1 CONSTRUCTION WORK ZONE
- PRE-STAGE 3 CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
- TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONODIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
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- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW
- 1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
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- 4 R1-1 STOP
- 5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
- 6 R6-1R 36" X 12" ONE WAY



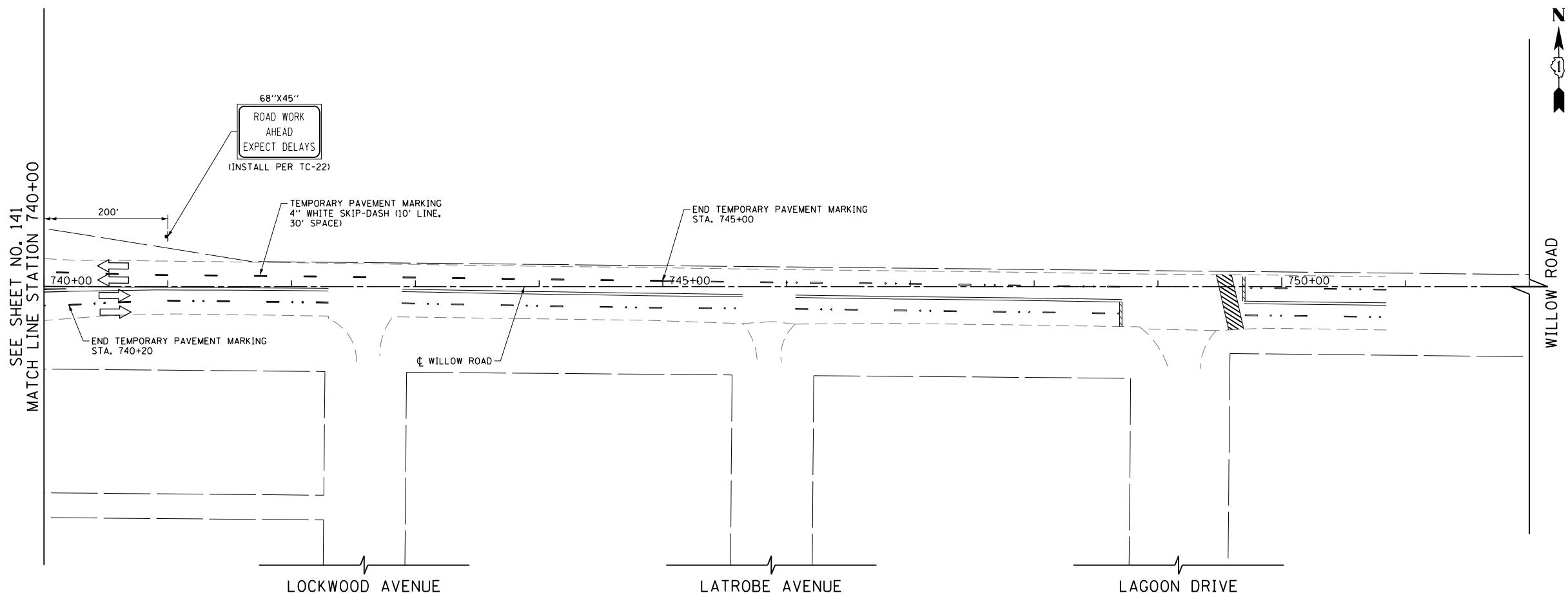
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PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 3**

SCALE: 1" = 50' SHEET NO. 141 OF 919 SHEETS STA. 716+00 TO STA. 740+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	1920,01,1518,2022&1922,4BIR	COOK	919	141
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



SEE SHEET NO. 141
MATCH LINE STATION 740+00

WILLOW ROAD

LOCKWOOD AVENUE

LATROBE AVENUE

LAGOON DRIVE

LEGEND

- CONSTRUCTION WORK ZONE
- POST-STAGE 1 CONSTRUCTION WORK ZONE
- PRE-STAGE 3 CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
- TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONODIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
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- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW
- 1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
- 2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
- 3 R3-2 24" X 24"
- 4 R1-1
- 5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
- 6 R6-1R 36" X 12"

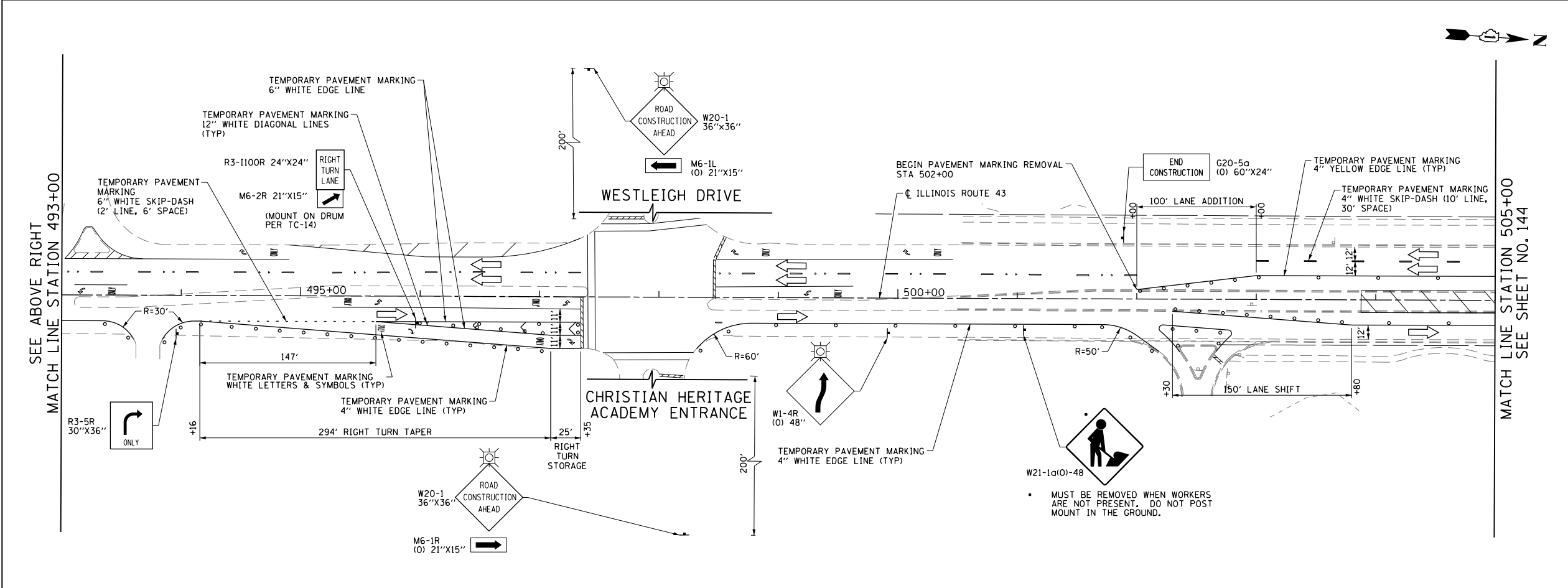
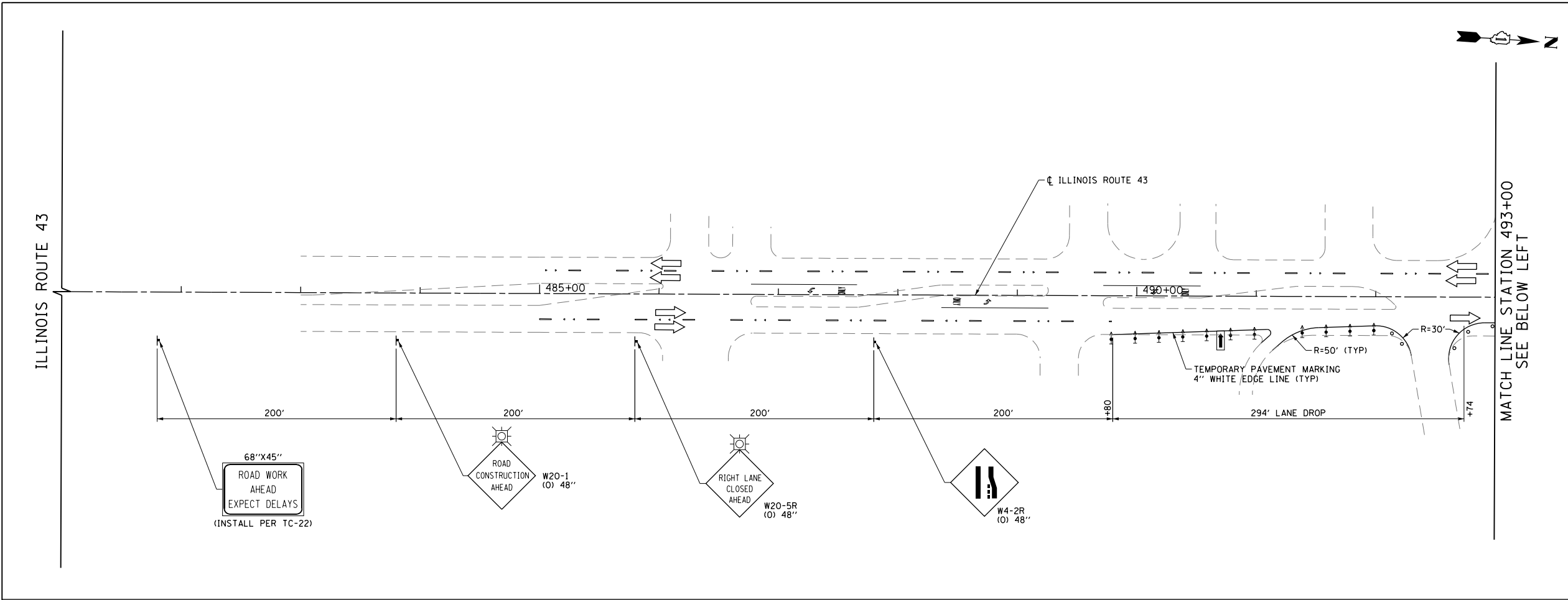
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	PLOT DATE = 11/29/2012	DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - WILLOW ROAD STAGE 3

SCALE: 1" = 50' SHEET NO. 142 OF 919 SHEETS STA. 740+00 TO STA. 752+00

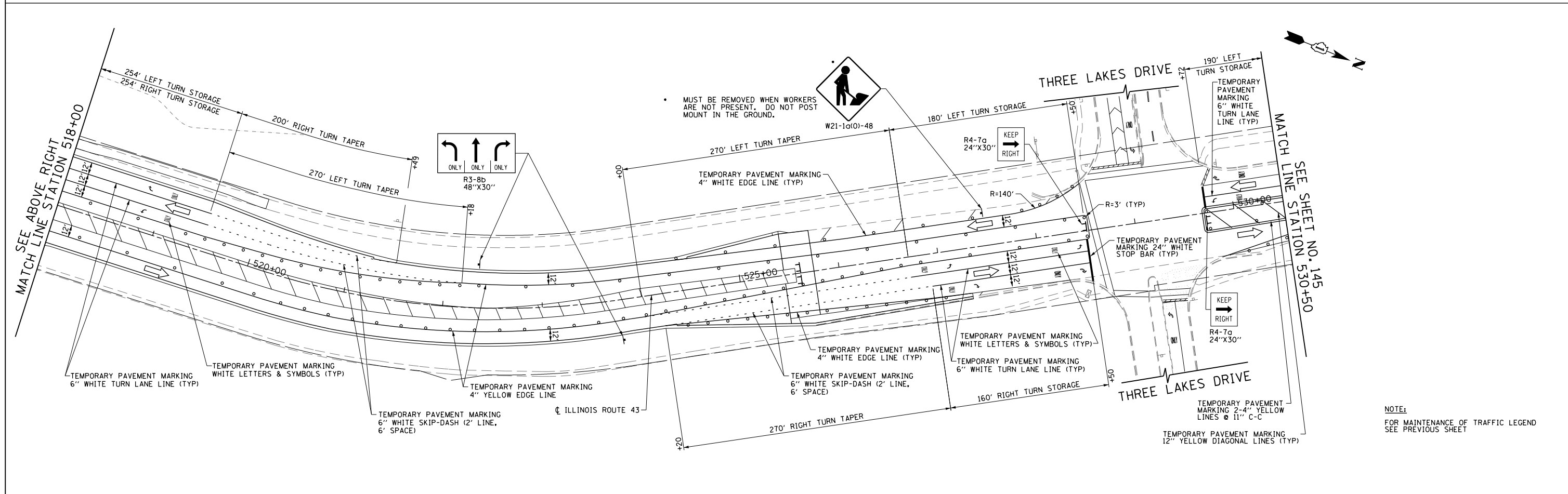
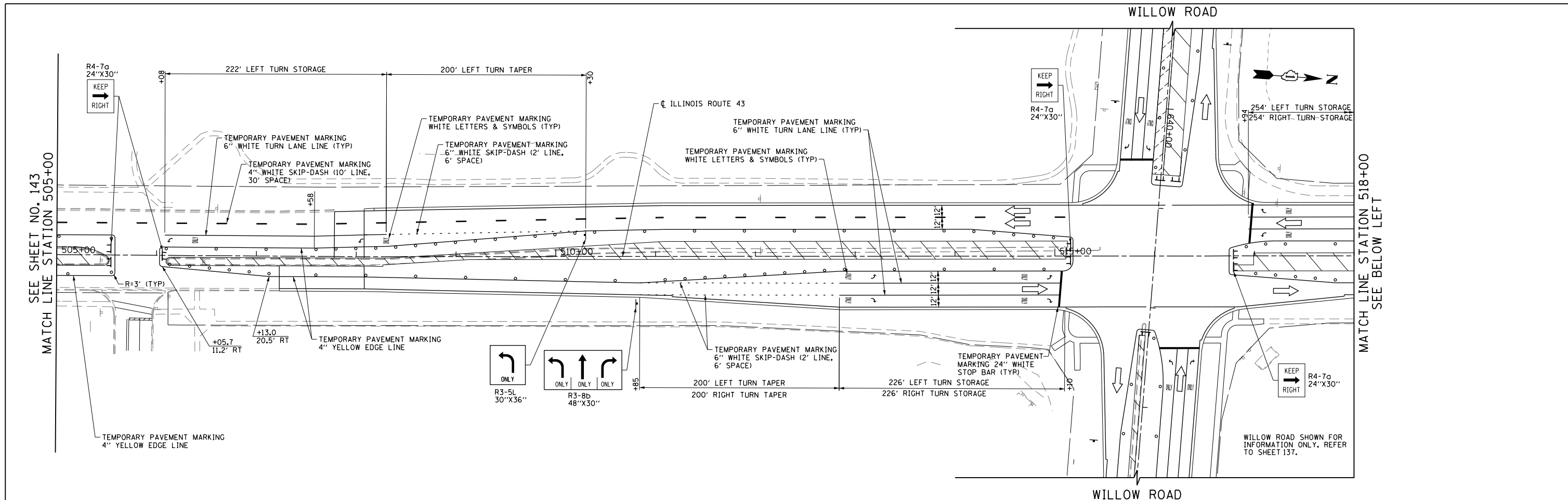
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	1920..01,1518,2022&1922,4BIR	COOK	919	142
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
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	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 R1-1 STOP
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
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PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISIED -	REVISIED -			SCALE: 1" = 50'	SHEET NO. 143 OF 919 SHEETS	STA. 481+00	TO STA. 505+00	CONTRACT NO. 60T35		
PLOT DATE = 11/29/2012	DATE - 10/31/2012	REVISIED -	REVISIED -			FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT			



NOTE:
FOR MAINTENANCE OF TRAFFIC LEGEND
SEE PREVIOUS SHEET

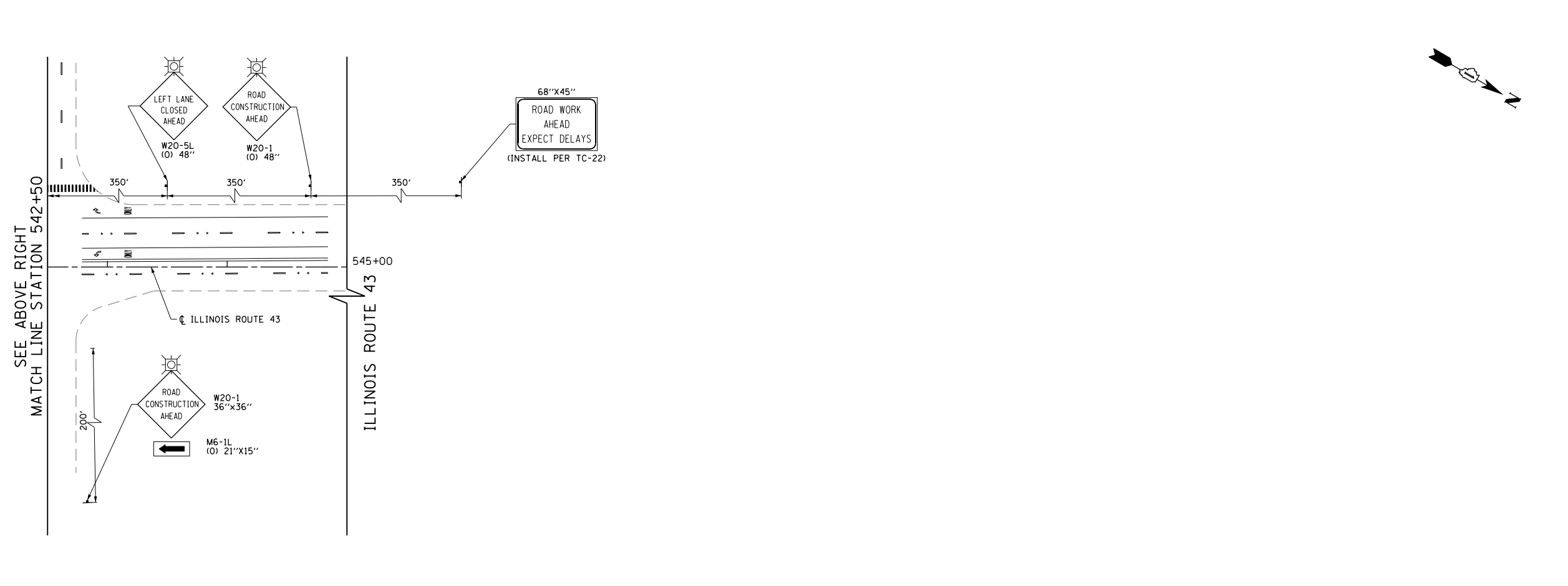
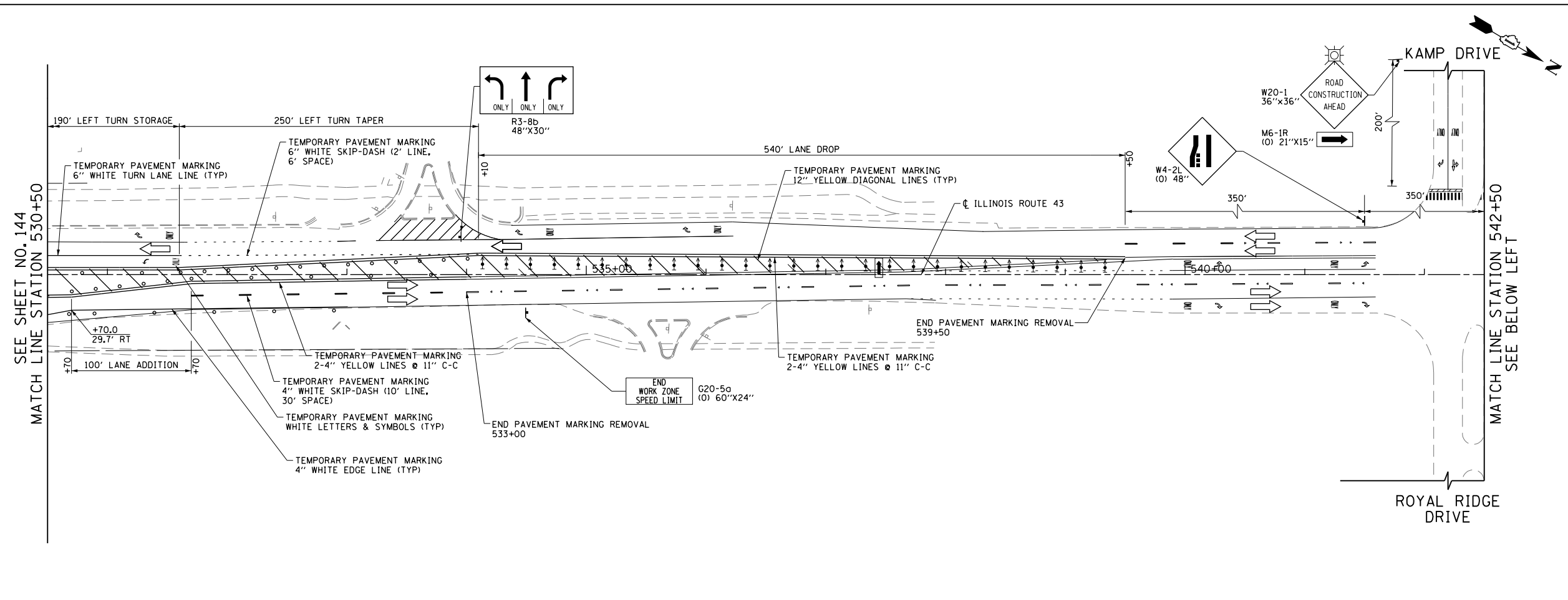
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PLOT DATE = 11/29/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - ILLINOIS ROUTE 43 STAGE 3**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4BIR	COOK	919	144
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

SCALE: 1" = 50' SHEET NO. 144 OF 919 SHEETS 505+00 530+50



LEGEND

	CONSTRUCTION WORK ZONE
	POST-STAGE 1 CONSTRUCTION WORK ZONE
	PRE-STAGE 3 CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE 1
	TEMPORARY PAVEMENT TO BE CONSTRUCTED POST-STAGE 1
	ARROW BOARD
	SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
	MONODIRECTIONAL FLASHING LIGHT
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
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	TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
	VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
	MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
	DIRECTION OF TRAFFIC FLOW
	1 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	2 DRIVEWAY ENTRANCE 30" X 30" SEE TC-26
	3 R3-2 24" X 24"
	4 R1-1 STOP
	5 CAUTION NEW LANES OPEN STOP HERE 30" X 36"
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FILE NAME = G:\CH11\0158\Road\Road-GV\Sheets\DI60T35-SHT-STAGING-3-10.dgn	USER NAME = BAW\ort	DESIGNED - DBC	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED - RCB	DATE - 10/31/2012	REVISED -
PLOT DATE = 11/29/2012			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - ILLINOIS ROUTE 43 STAGE 3**

SCALE: 1" = 50' SHEET NO. 145 OF 919 SHEETS STA. 530+50 TO STA. 545+00

F.A.P. RTE. 305	SECTION (1920.01,1518,2022&1922,4BR)	COUNTY COOK	TOTAL SHEETS 919	SHEET NO. 145
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 60T35				

SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE INTERSECTION OF WILLOW ROAD AND ILLINOIS ROUTE 43

CONTRACTOR SHALL ENSURE PEDESTRIANS ARE PROTECTED THROUGH THE CONSTRUCTION AREAS.

ANY CHANGES TO THE SUGGESTED CONSTRUCTION SEQUENCING SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO IMPLEMENTATION.

PRE-STAGE 1

1. MAINTAIN TWO-WAY TRAFFIC FLOW ON WILLOW ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.
2. REFER TO SUGGESTED CONSTRUCTION PROCEDURES ON SHEET 105 FOR ADDITIONAL WORK.
3. MAINTAIN TWO-WAY TRAFFIC FLOW ON ILLINOIS ROUTE 43. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.
4. REFER TO SUGGESTED CONSTRUCTION PROCEDURES ON SHEET 108 FOR ADDITIONAL WORK.

STAGE 1

1. MAINTAIN TWO-WAY TRAFFIC FLOW ON WILLOW ROAD AND ILLINOIS ROUTE 43. REFER TO SHEETS 113 AND 122. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.
2. REFER TO SUGGESTED CONSTRUCTION PROCEDURES ON SHEETS 105 AND 108.
3. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 1" AS SHOWN ON SHEET 147. INSTALL TEMPORARY PAVEMENT REQUIRED FOR USE DURING STAGE 1A.

STAGE 1A

1. MAINTAIN STAGE 1 TRAFFIC PATTERNS WITH THE FOLLOWING CHANGES:
 - a. PROHIBIT WESTBOUND RIGHT TURNS AT THE STOP LINE.
 - b. CREATE A WESTBOUND RIGHT TURN ONLY LANE UPSTREAM OF STOP LINE TO CHANNEL RIGHT TURNING VEHICLES ONTO NEWLY CONSTRUCTED STAGE 1 PAVEMENT AND AROUND STAGE 1A CONSTRUCTION AREA. PROVIDE A MINIMUM 11-FOOT LANE FOR RIGHT TURN MOVEMENT.
 - c. MERGE RIGHT TURNING TRAFFIC INTO THE NORTHBOUND TRAFFIC LANE ALONG ILLINOIS ROUTE 43. COORDINATE WITH ENGINEER FOR THE TRAFFIC CONTROLS REQUIRED FOR THIS MERGE.
2. CONSTRUCT PAVEMENT AREA LABELED "1A" AS SHOWN ON SHEET 147. INSTALL TEMPORARY PAVEMENT REQUIRED FOR USE DURING STAGE 1B.

STAGE 1B

1. MAINTAIN STAGE 1 TRAFFIC PATTERNS ALONG ILLINOIS ROUTE 43.
2. MAINTAIN EASTBOUND WILLOW ROAD TRAFFIC AS IN STAGE 1.
3. SHIFT WESTBOUND WILLOW ROAD TRAFFIC TO THE NORTHSIDE OF WILLOW ROAD. PROVIDE A MINIMUM OF A SINGLE LEFT TURN LANE AND A SINGLE THROUGH/RIGHT LANE ON APPROACH.
4. CONSTRUCT PAVEMENT AREAS LABELED "1B" AS SHOWN ON SHEET 147. INSTALL TEMPORARY PAVEMENT REQUIRED FOR USE DURING STAGE 1C.

STAGE 1C

1. MAINTAIN STAGE 1B TRAFFIC PATTERNS ALONG ILLINOIS ROUTE 43.
2. MAINTAIN WESTBOUND WILLOW ROAD TRAFFIC ON THE NORTHSIDE OF WILLOW ROAD. REFER TO TRAFFIC CONTROL FOR STAGE 2, SHEET 124.
3. SHIFT EASTBOUND WILLOW ROAD TRAFFIC TO THE NORTHSIDE OF WILLOW ROAD. REFER TO TRAFFIC CONTROL FOR STAGE 2, SHEET 124.
4. CONSTRUCT PAVEMENT AREAS LABELED "1C" AS SHOWN ON SHEET 147. INSTALL TEMPORARY PAVEMENT REQUIRED FOR USE DURING STAGE 1D.

STAGE 1D

1. MAINTAIN STAGE 1C TRAFFIC PATTERNS ALONG ILLINOIS ROUTE 43 WITH THE FOLLOWING CHANGES:
 - a. PROHIBIT NORTHBOUND RIGHT TURNS AT THE STOP LINE.
 - b. CREATE A NORTHBOUND RIGHT TURN ONLY LANE UPSTREAM OF STOP LINE TO CHANNEL RIGHT TURNING VEHICLES ONTO NEWLY CONSTRUCTED STAGE 1 AND STAGE 1B PAVEMENT SECTIONS AND AROUND STAGE 1D CONSTRUCTION AREA. PROVIDE A MINIMUM 11-FOOT LANE FOR RIGHT TURN MOVEMENT.
 - c. MERGE RIGHT TURNING TRAFFIC INTO THE EASTBOUND TRAFFIC LANE ALONG WILLOW ROAD. COORDINATE WITH ENGINEER FOR THE TRAFFIC CONTROLS REQUIRED FOR THIS MERGE.
2. CONSTRUCT PAVEMENT AREA LABELED "1D" AS SHOWN ON SHEET 147.

STAGE 2

1. MAINTAIN TWO-WAY TRAFFIC FLOW ON WILLOW ROAD AND WAUKEGAN ROAD (RTE 43). REFER TO SHEETS 124 AND 131. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH DIRECTION.
2. REFER TO SUGGESTED CONSTRUCTION PROCEDURES ON SHEETS 106 AND 109.
3. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 2" AS SHOWN ON SHEET 147. INSTALL TEMPORARY PAVEMENT REQUIRED FOR USE DURING STAGE 2A.

STAGE 2A

1. MAINTAIN STAGE 2 TRAFFIC PATTERNS ALONG ILLINOIS ROUTE 43 WITH THE FOLLOWING CHANGE:
 - a. MODIFY THE NORTHBOUND APPROACH OF WAUKEGAN ROAD RTE 43 TRAFFIC LANES TO PROVIDE A SINGLE LEFT TURN LANE AND A SHARED THROUGH/RIGHT LANE.
2. SHIFT WILLOW ROAD TRAFFIC TO THE SOUTHSIDE OF WILLOW ROAD. PROVIDE A MINIMUM OF A SINGLE LEFT TURN LANE AND A SINGLE THROUGH/RIGHT LANE ON THE APPROACHES.
3. CONSTRUCT PAVEMENT AREA LABELED "2A" AS SHOWN ON SHEET 147.

STAGE 2B

1. MAINTAIN STAGE 2A TRAFFIC PATTERNS ALONG ILLINOIS ROUTE 43 WITH THE FOLLOWING CHANGES:
 - a. TAPER THE SOUTHBOUND APPROACH OF ILLINOIS ROUTE 43 TRAFFIC LANES TO ALIGN WITH NORTHBOUND ILLINOIS ROUTE 43 LANES. PROVIDE A SINGLE LEFT TURN LANE AND A SHARED THROUGH/RIGHT LANE.
 - b. PROHIBIT SOUTHBOUND RIGHT TURNS AT THE STOP LINE.
 - c. CREATE A SOUTHBOUND RIGHT TURN ONLY LANE UPSTREAM OF STOP LINE TO CHANNEL RIGHT TURNING VEHICLES ONTO NEWLY CONSTRUCTED STAGE 1, STAGE 2, AND STAGE 2A PAVEMENT SECTIONS AROUND STAGE 2B CONSTRUCTION AREA. PROVIDE A MINIMUM 11-FOOT LANE FOR RIGHT TURN MOVEMENT.
 - d. MERGE RIGHT TURNING TRAFFIC INTO THE WESTBOUND TRAFFIC LANE ALONG WILLOW ROAD. COORDINATE WITH ENGINEER FOR THE TRAFFIC CONTROLS REQUIRED FOR THIS MERGE.
2. CONSTRUCT PAVEMENT AREA LABELED "2B" AS SHOWN ON SHEET 147.

STAGE 2C

1. MAINTAIN STAGE 2B TRAFFIC PATTERN FOR THE NORTHBOUND APPROACH OF ILLINOIS ROUTE 43.
2. MAINTAIN STAGE 2B TRAFFIC PATTERN FOR THE SOUTHBOUND APPROACH OF ILLINOIS ROUTE 43. CONTRACTOR CAN ADJUST LANES IF REQUIRED BY THE ENGINEER.
3. SHIFT WILLOW ROAD TRAFFIC TO THE NORTHSIDE OF WILLOW ROAD WITH THE FOLLOWING CHANGES:
 - a. PROVIDE A SINGLE LEFT TURN LANE AND A SHARED THROUGH/RIGHT LANE FOR THE WESTBOUND APPROACH.
 - b. PROVIDE A SINGLE LEFT TURN LANE AND A SINGLE THROUGH ONLY LANE FOR THE EASTBOUND APPROACH.
 - c. PROHIBIT EASTBOUND RIGHT TURNS AT THE STOP LINE.
 - d. CREATE AN EASTBOUND RIGHT TURN ONLY LANE UPSTREAM OF STOP LINE TO CHANNEL RIGHT TURNING VEHICLES ONTO NEWLY CONSTRUCTED STAGE 2 PAVEMENT AROUND STAGE 2C CONSTRUCTION AREA. PROVIDE A MINIMUM 11-FOOT LANE FOR RIGHT TURN MOVEMENT.
 - e. MERGE RIGHT TURNING TRAFFIC INTO THE SOUTHBOUND TRAFFIC LANE ALONG ILLINOIS ROUTE 43. COORDINATE WITH ENGINEER FOR THE TRAFFIC CONTROLS REQUIRED FOR THIS MERGE.
4. CONSTRUCT PAVEMENT AREA LABELED "2C" AS SHOWN ON SHEET 147.

STAGE 3

1. MAINTAIN TWO-WAY TRAFFIC FLOW ON WILLOW ROAD AND ILLINOIS ROUTE 43. REFER TO SHEETS 137 AND 144. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.
2. REFER TO SUGGESTED CONSTRUCTION PROCEDURES ON SHEETS 107 AND 109.
3. CONSTRUCT MEDIAN ISLAND AREAS LABELED "STAGE 3" AS SHOWN ON SHEET 147.

FILE NAME =	USER NAME = BAWtor.t	DESIGNED - ACW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC - NOTES WILLOW ROAD AT ILLINOIS ROUTE 43	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
G:\CH11\0158\Road\Road-GV\Sheets\0160T35-SHT-STAGING-WILWAU NOTES.dgn	DRAWN - ACW	REVISED -	305			(1920.01,1518,2022&1922.4)R	COOK	919	146	
PLOT SCALE = 40.000' / in.	CHECKED - DBC	REVISED -	CONTRACT NO. 60T35							
PLOT DATE = 11/29/2012	DATE - 10/31/2012	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
						SCALE: 1" = 20'	SHEET NO. 146 OF 919 SHEETS			

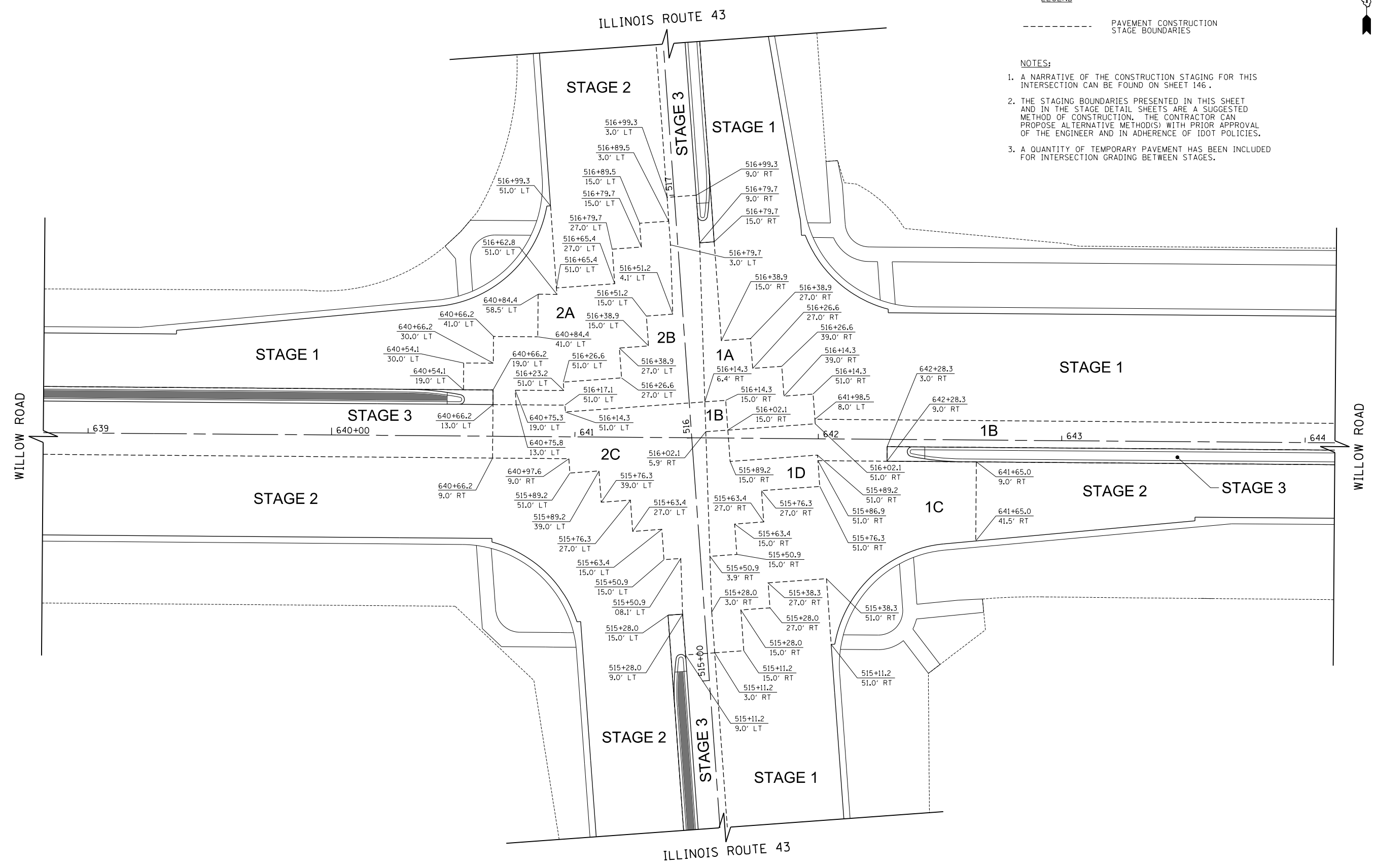


LEGEND

----- PAVEMENT CONSTRUCTION STAGE BOUNDARIES

NOTES:

1. A NARRATIVE OF THE CONSTRUCTION STAGING FOR THIS INTERSECTION CAN BE FOUND ON SHEET 146.
2. THE STAGING BOUNDARIES PRESENTED IN THIS SHEET AND IN THE STAGE DETAIL SHEETS ARE A SUGGESTED METHOD OF CONSTRUCTION. THE CONTRACTOR CAN PROPOSE ALTERNATIVE METHOD(S) WITH PRIOR APPROVAL OF THE ENGINEER AND IN ADHERENCE OF IDOT POLICIES.
3. A QUANTITY OF TEMPORARY PAVEMENT HAS BEEN INCLUDED FOR INTERSECTION GRADING BETWEEN STAGES.



FILE NAME =	USER NAME = BAWtor.t	DESIGNED - ACW	REVISED -
G:\CH11\0158\Road\Road-GV\Sheets\0160T35-SHT-STAGING-WILWAU.dgn		DRAWN - ACW	REVISED -
	PLOT SCALE = 40.000' / in.	CHECKED - DBC	REVISED -
	PLOT DATE = 11/29/2012	DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION PROCEDURES AND
MAINTENANCE OF TRAFFIC - CONSTRUCTION STAGING LIMITS
WILLOW ROAD AT ILLINOIS ROUTE 43**

SCALE: 1" = 20' SHEET NO. 147 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4B)R	COOK	919	147
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SEE SHEET NO. 148
MATCH LINE STATION 673+00

SOMERSET LANE

SIDEWALK
CLOSED
R11-1101
24" X 12"

IF REQUESTED BY THE ENGINEER, THE
CONTRACTOR SHALL PROVIDE ADDITIONAL
PEDESTRIAN DETOUR SIGNAGE AT NO
ADDITIONAL COST TO THE CONTRACT

OLD WILLOW ROAD

WILLOW ROAD

WILLOW ROAD

CHAPEL HILL LANE

WAGNER ROAD

PEDESTRIAN ACCESS ALONG THE EXISTING PATH WITHIN
WILLOW PARK SHALL BE MAINTAINED AT ALL TIMES. ANY
TEMPORARY PATH THAT IS CONSTRUCTED TO MAINTAIN
PEDESTRIAN ACCESS SHALL BE CONSIDERED INCLUDED IN
THE COST OF TRAFFIC AND CONTROL PROTECTION, (SPECIAL).

IF POSSIBLE, CONTRACTOR SHALL MAINTAIN
EXISTING PEDESTRIAN ACCESS AT THE
INTERSECTION. AT LEAST ONE NORTH-SOUTH
AND ONE EAST-WEST CROSSWALK SHALL BE
PROVIDED AT ALL TIMES.

WILLOW ROAD

WILLOW ROAD

GRAEMERE
STREET

WAGNER ROAD

EATON STREET

DICKENS STREET

MATCH LINE STATION 705+00
SEE SHEET NO. 150



LEGEND

	CONSTRUCTION WORK ZONE
	SIDEWALK OPEN DURING STAGE 1
	DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
	BARRICADE OR DRUM
	SIGN

FILE NAME =	USER NAME = BAW:tor.t	DESIGNED - DBC	REVISED -
G:\CH11\0158\Road\Road-GV\Sheets\0160T35-SHT-STAGING-1-P2.dgn		DRAWN - FY	REVISED -
PLOT SCALE = 200.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/30/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN DETOUR PLAN STAGE 1

SCALE: 1" = 100' SHEET NO. 149 OF 919 SHEETS STA. 673+00 TO STA. 705+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	149
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

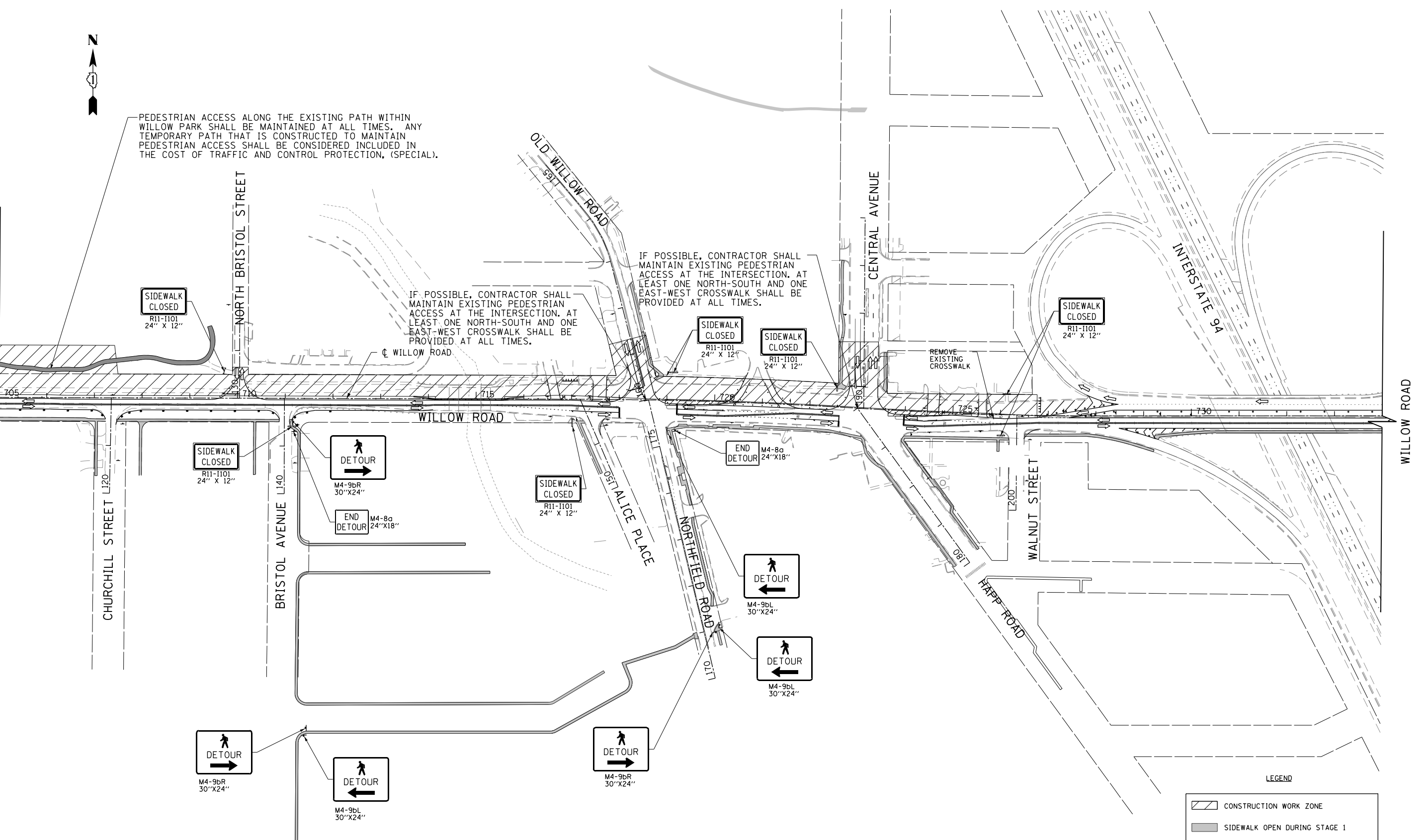


PEDESTRIAN ACCESS ALONG THE EXISTING PATH WITHIN WILLOW PARK SHALL BE MAINTAINED AT ALL TIMES. ANY TEMPORARY PATH THAT IS CONSTRUCTED TO MAINTAIN PEDESTRIAN ACCESS SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC AND CONTROL PROTECTION, (SPECIAL).

IF POSSIBLE, CONTRACTOR SHALL MAINTAIN EXISTING PEDESTRIAN ACCESS AT THE INTERSECTION. AT LEAST ONE NORTH-SOUTH AND ONE EAST-WEST CROSSWALK SHALL BE PROVIDED AT ALL TIMES.

IF POSSIBLE, CONTRACTOR SHALL MAINTAIN EXISTING PEDESTRIAN ACCESS AT THE INTERSECTION. AT LEAST ONE NORTH-SOUTH AND ONE EAST-WEST CROSSWALK SHALL BE PROVIDED AT ALL TIMES.

SEE SHEET NO. 149
MATCH LINE STATION 705+00



LEGEND

	CONSTRUCTION WORK ZONE
	SIDEWALK OPEN DURING STAGE 1
	DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
	BARRICADE OR DRUM
	SIGN

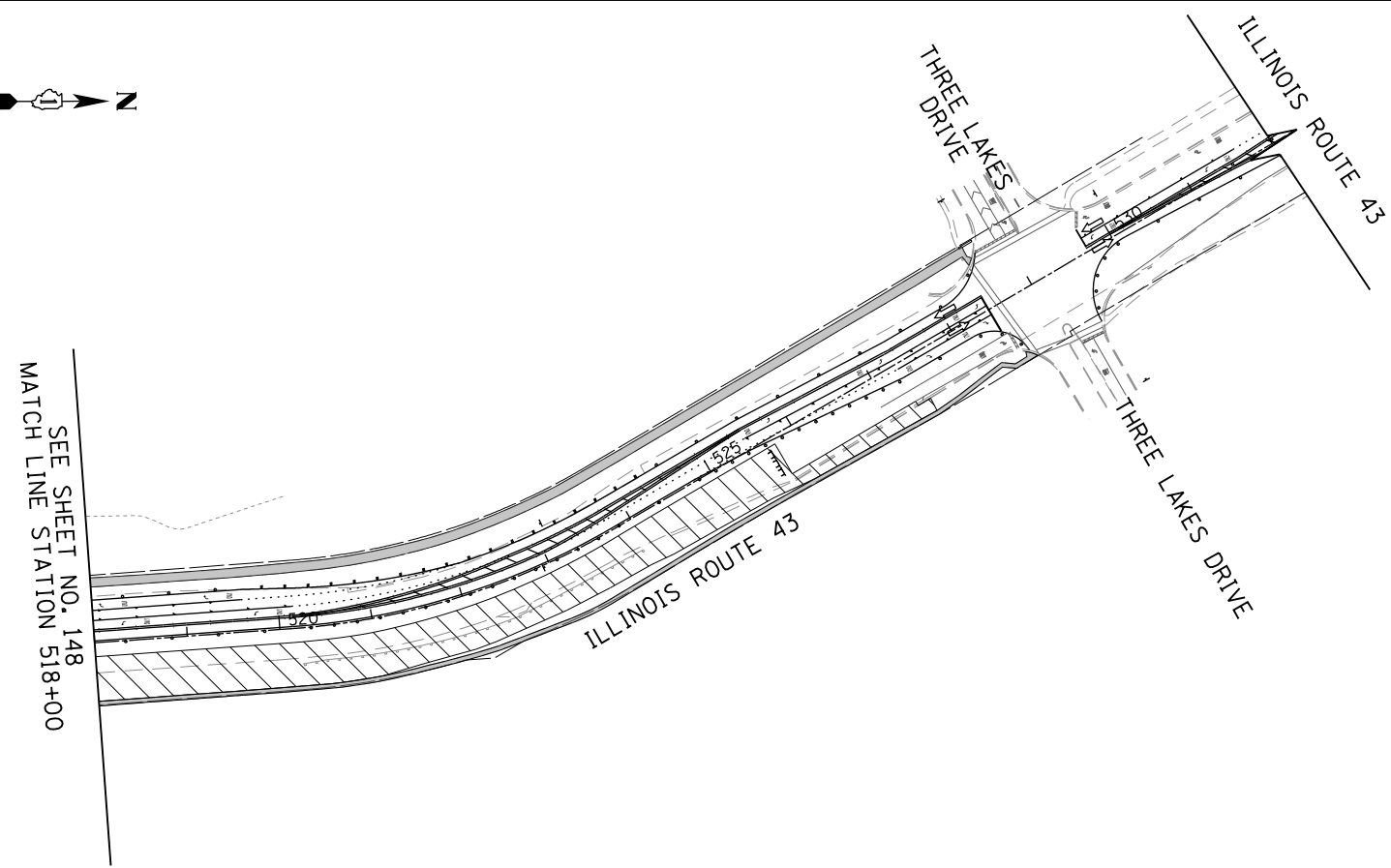
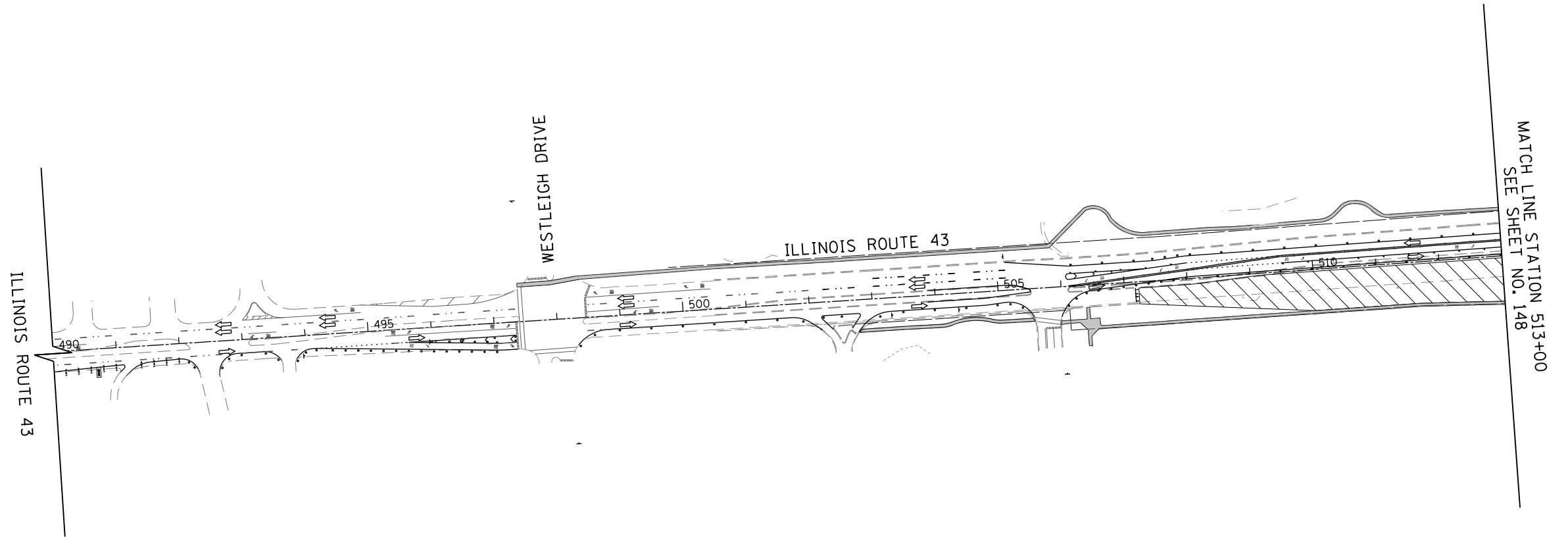
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	PLOT SCALE = 200.000' / in.	CHECKED - RCB	REVISED -
	PLOT DATE = 11/30/2012	DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PEDESTRIAN DETOUR PLAN STAGE 1

SCALE: 1" = 100' SHEET NO. 150 OF 919 SHEETS STA. 705+00 TO STA. 734+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	150
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



LEGEND

	CONSTRUCTION WORK ZONE
	SIDWALK OPEN DURING STAGE 1
	DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
	BARRICADE OR DRUM
	SIGN

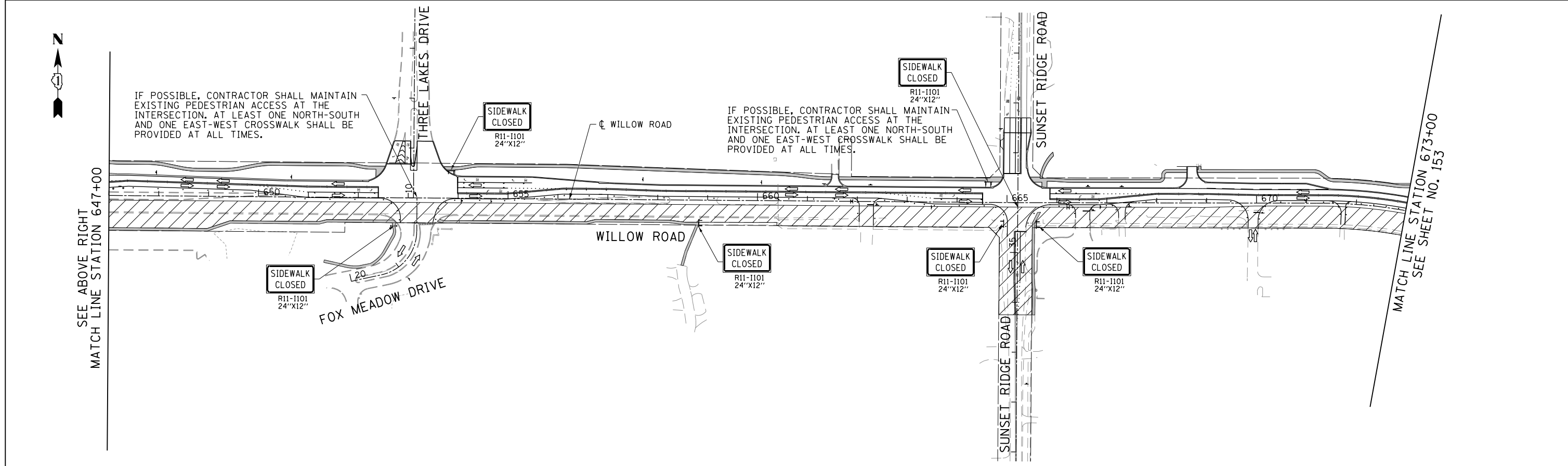
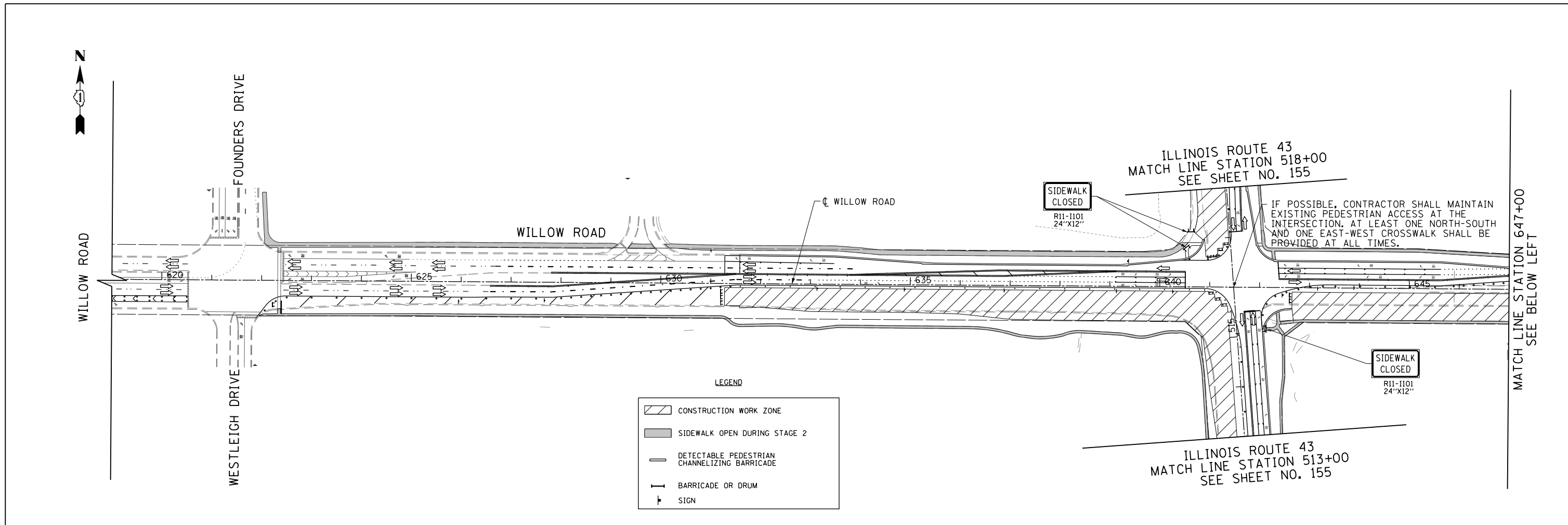
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		DRAWN - FY	REVISED -
	PLOT SCALE = 200.000' / in.	CHECKED - RCB	REVISED -
	PLOT DATE = 11/30/2012	DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN DETOUR PLAN STAGE 1

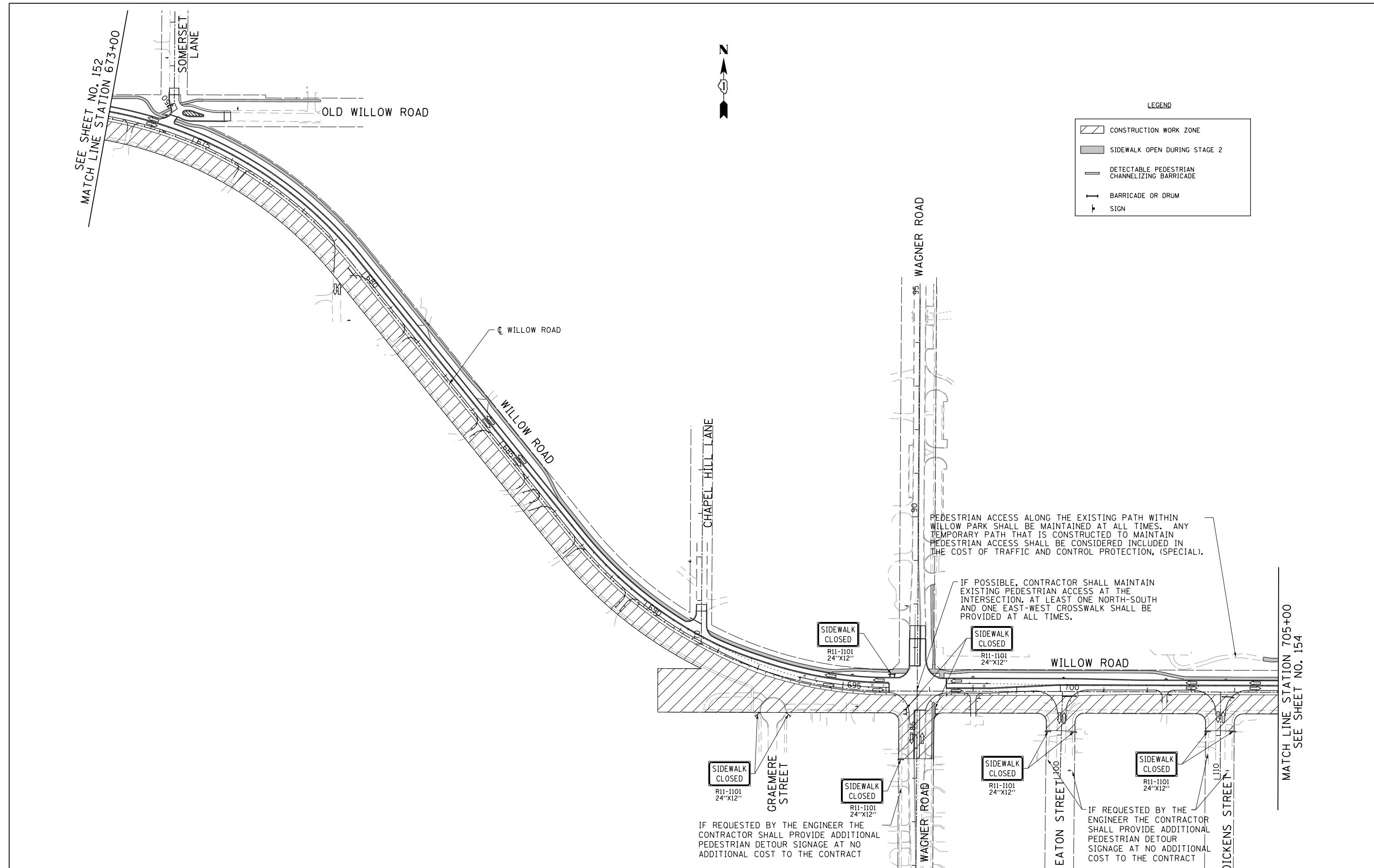
SCALE: 1" = 100' SHEET NO. 151 OF 919 SHEETS STA. 490+00 TO STA. 532+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4B)R	COOK	919	151
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



FILE NAME =	USER NAME = BAW:ort	DESIGNED - DBC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PEDESTRIAN DETOUR PLAN STAGE 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
G:\CH11\0158\Road\Road-GV\Sheets\0160T35-SHT-STAGING-2-Pl.dgn	PLOT SCALE = 200.007' / in.	CHECKED - RCB	REVISED -			305	(1920.01,1518,2022&1922.4)R	COOK	919	152	
PLOT DATE = 11/30/2012	DATE = 10/31/2012	REVISED -	REVISED -			CONTRACT NO. 60T35					
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

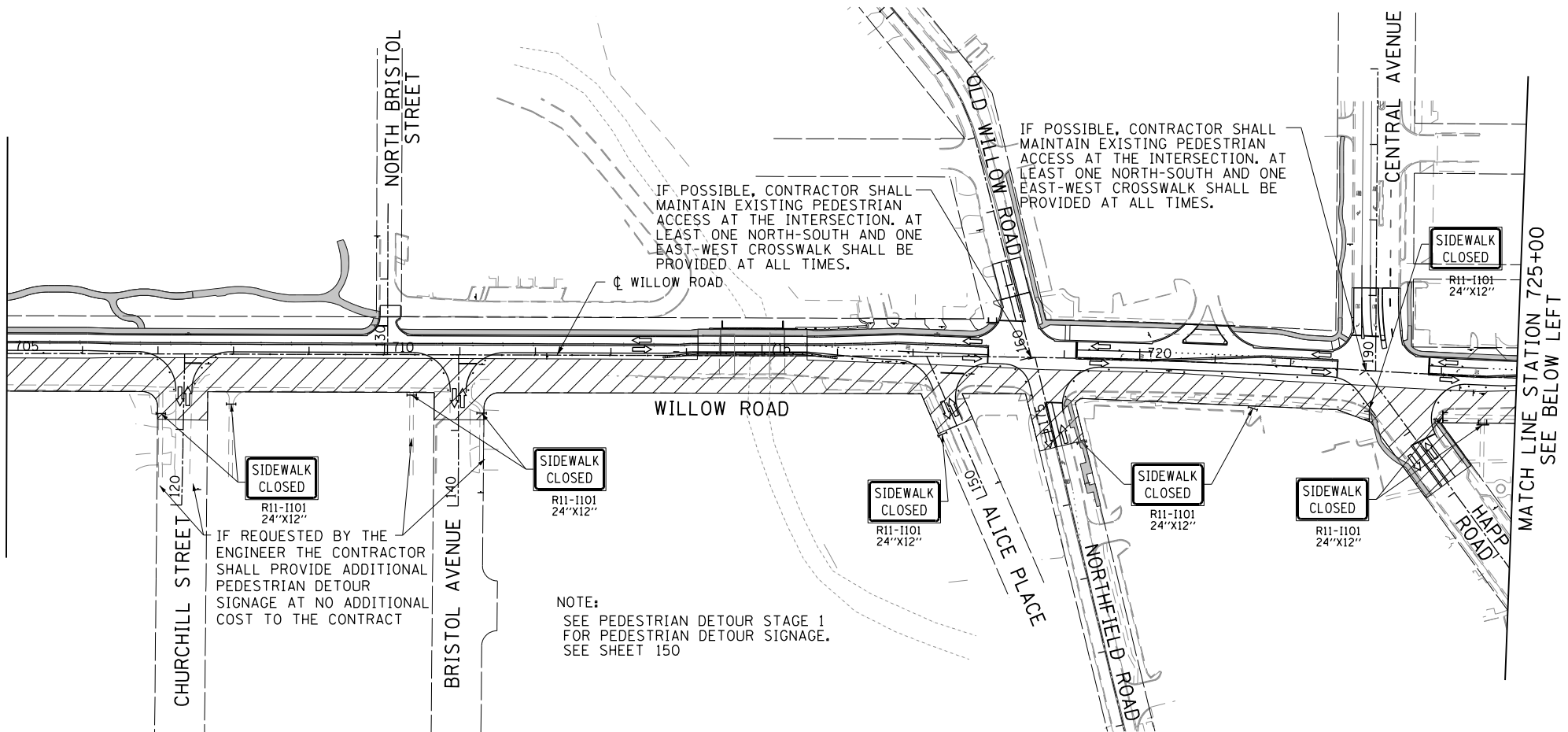
SCALE: 1" = 100' SHEET NO. 152 OF 919 SHEETS STA. 619+00 TO STA. 673+00



FILE NAME =	USER NAME = BAW\trt	DESIGNED - DBC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PEDESTRIAN DETOUR PLAN STAGE 2			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
G:\CH11\0158\Road\Road-GV\Sheets\0160T35-SHT-STAGING-2-P2.dgn		DRAWN - FY	REVISED -		SCALE: 1" = 100'	SHEET NO. 153 OF 919 SHEETS	STA. 673+00 TO STA. 705+00	305	(1920.01,1518,2022&1922.4B)R	COOK	919	153
PLOT SCALE = 200.000' / in.		CHECKED - RCB	REVISED -					CONTRACT NO. 60T35				
PLOT DATE = 11/30/2012		DATE - 10/31/2012	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



MATCH LINE STATION 705+00
SEE SHEET NO. 153

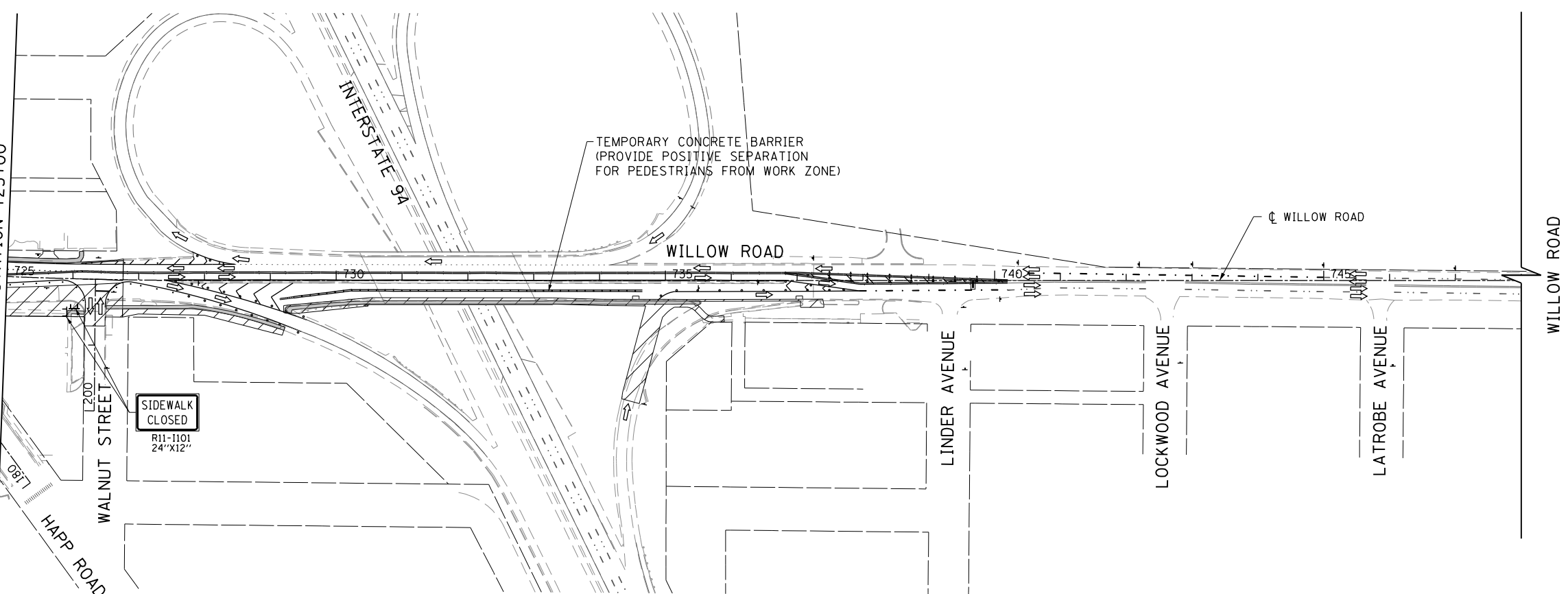


LEGEND

	CONSTRUCTION WORK ZONE
	SIDEWALK OPEN DURING STAGE 2
	DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
	BARRICADE OR DRUM
	SIGN



SEE ABOVE RIGHT
MATCH LINE STATION 725+00



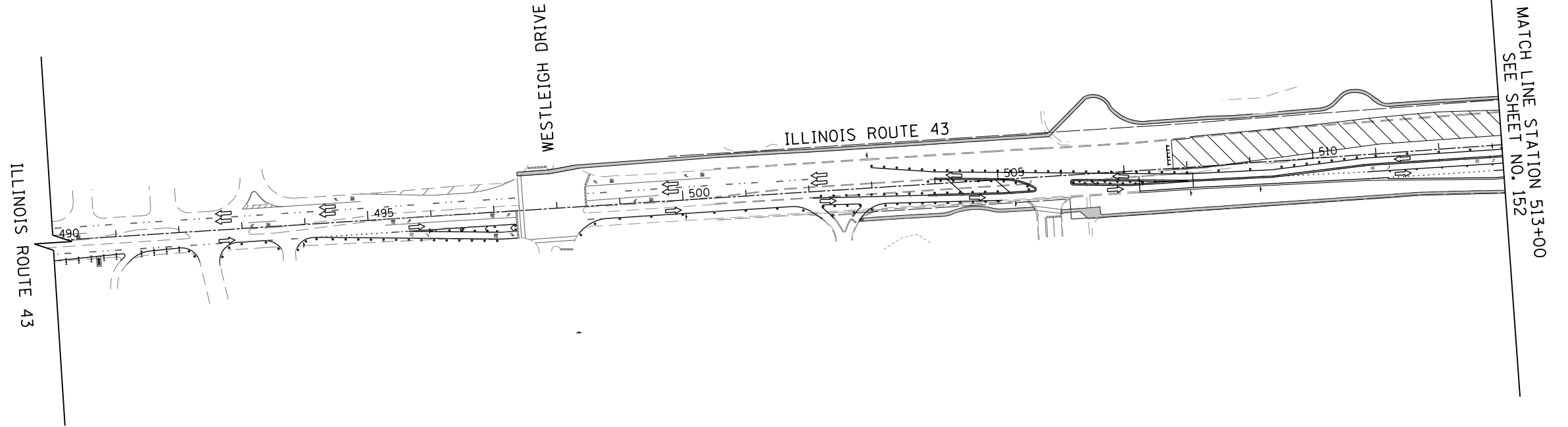
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		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

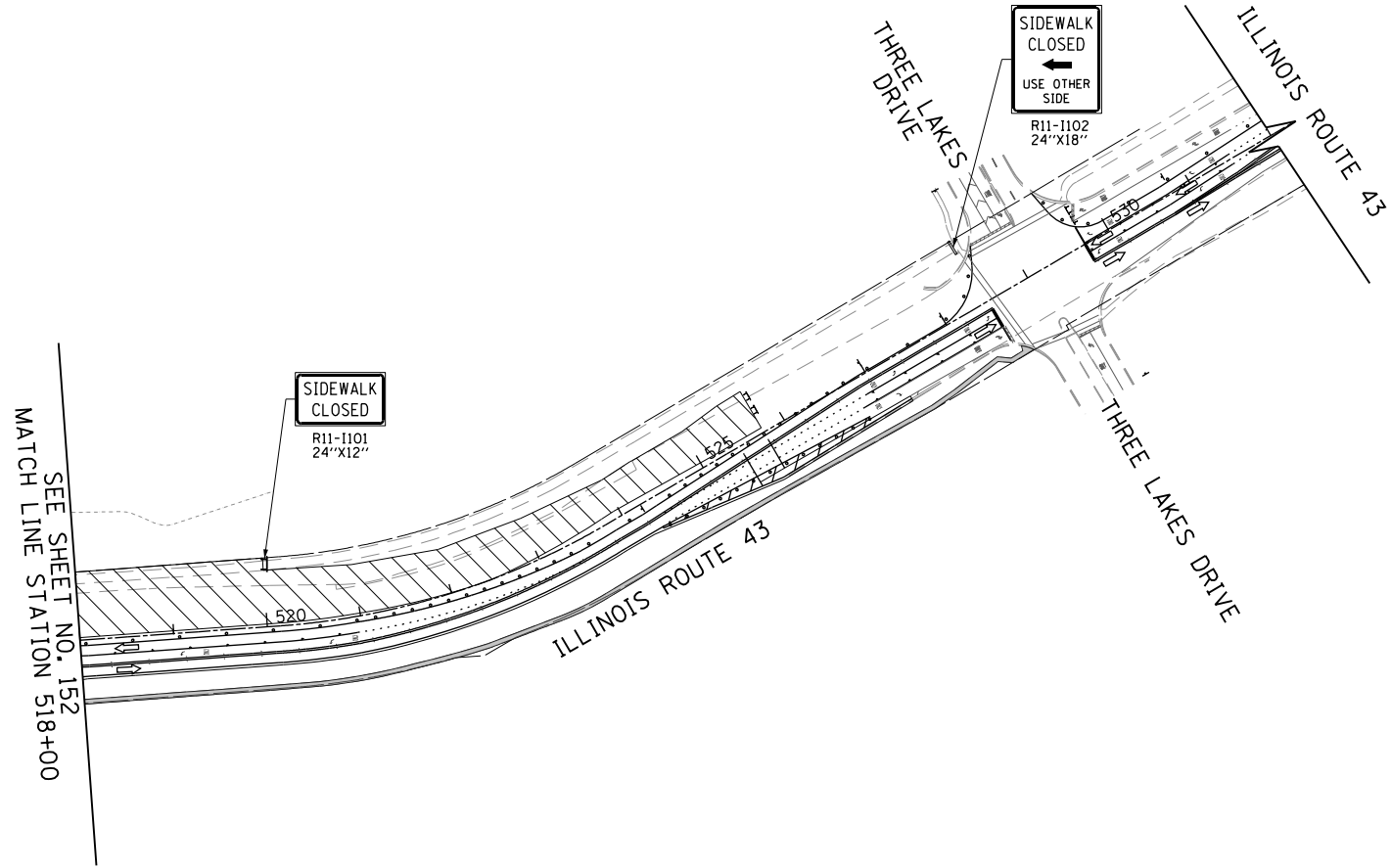
PEDESTRIAN DETOUR PLAN STAGE 2

SCALE: 1" = 100' SHEET NO. 154 OF 919 SHEETS STA. 705+00 TO STA. 748+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4B)R	COOK	919	154
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



MATCH LINE STATION 513+00
SEE SHEET NO. 152



MATCH LINE STATION 518+00
SEE SHEET NO. 152

LEGEND

	CONSTRUCTION WORK ZONE
	SIDEWALK OPEN DURING STAGE 2
	DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
	BARRICADE OR DRUM
	SIGN

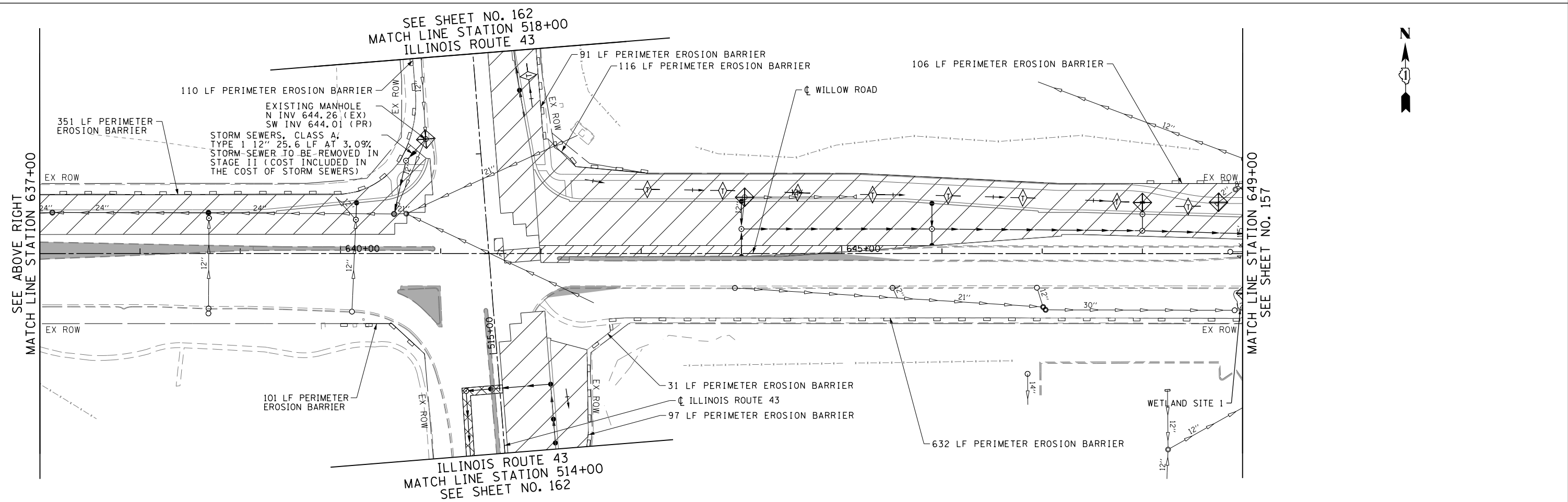
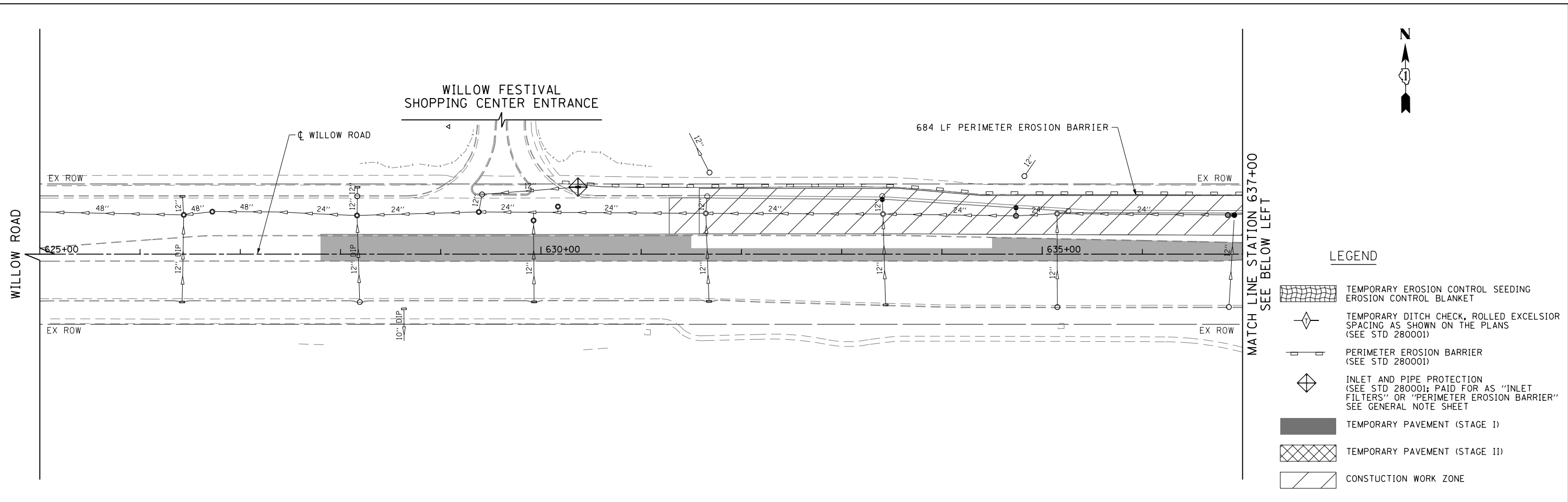
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	PLOT SCALE = 200.000' / in.	DRAWN - FY	REVISED -
	PLOT DATE = 11/30/2012	CHECKED - RCB	REVISED -
		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

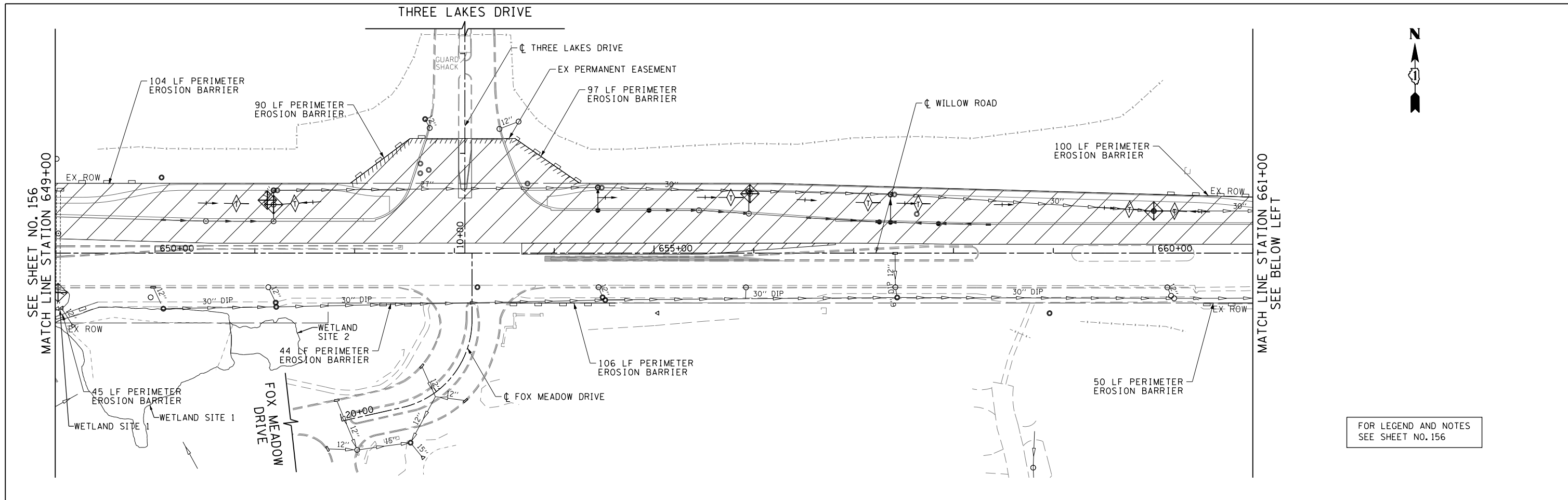
PEDESTRIAN DETOUR PLAN STAGE 2

SCALE: 1" = 100' SHEET NO. 155 OF 919 SHEETS STA. 490+00 TO STA. 532+00

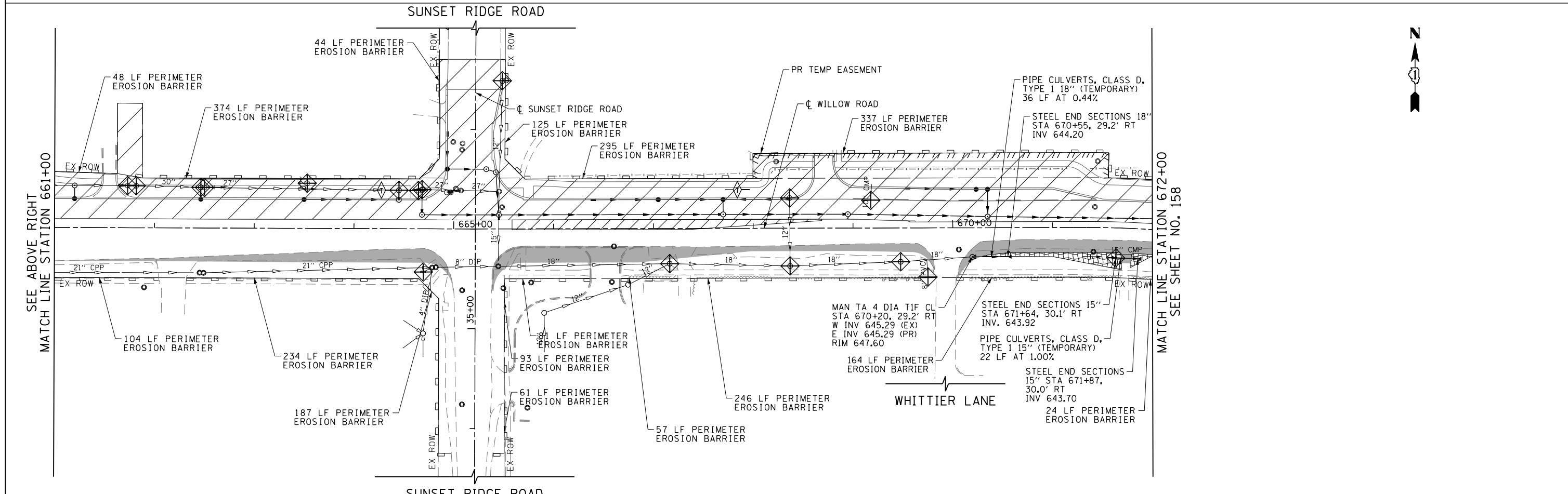
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	155
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



FILE NAME = G:\CH11\0158\Road\Sheets\0160T35-SHT-EROS-1-01.dgn	USER NAME = BAW\trt	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD EROSION CONTROL PLAN STAGE 1		F.A.P. RTE. 305	SECTION (1920.01,1518,2022&1922.4BR)	COUNTY COOK	TOTAL SHEETS 919	SHEET NO. 156	
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISIED -	REVISIED -		SCALE: 1" = 50'	SHEET NO. 156 OF 919 SHEETS	STA. 625+00	TO STA. 649+00		CONTRACT NO. 60T35		
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISIED -	REVISIED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

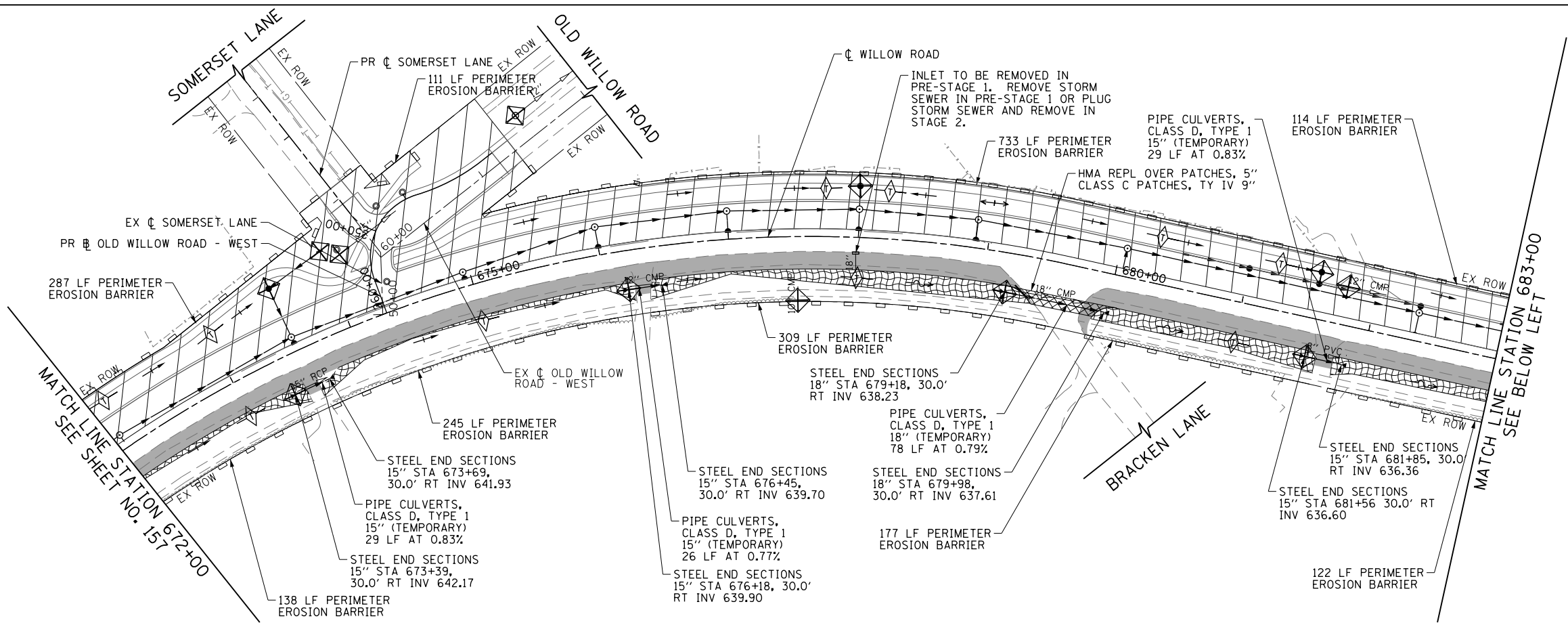
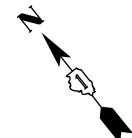


FOR LEGEND AND NOTES
SEE SHEET NO. 156

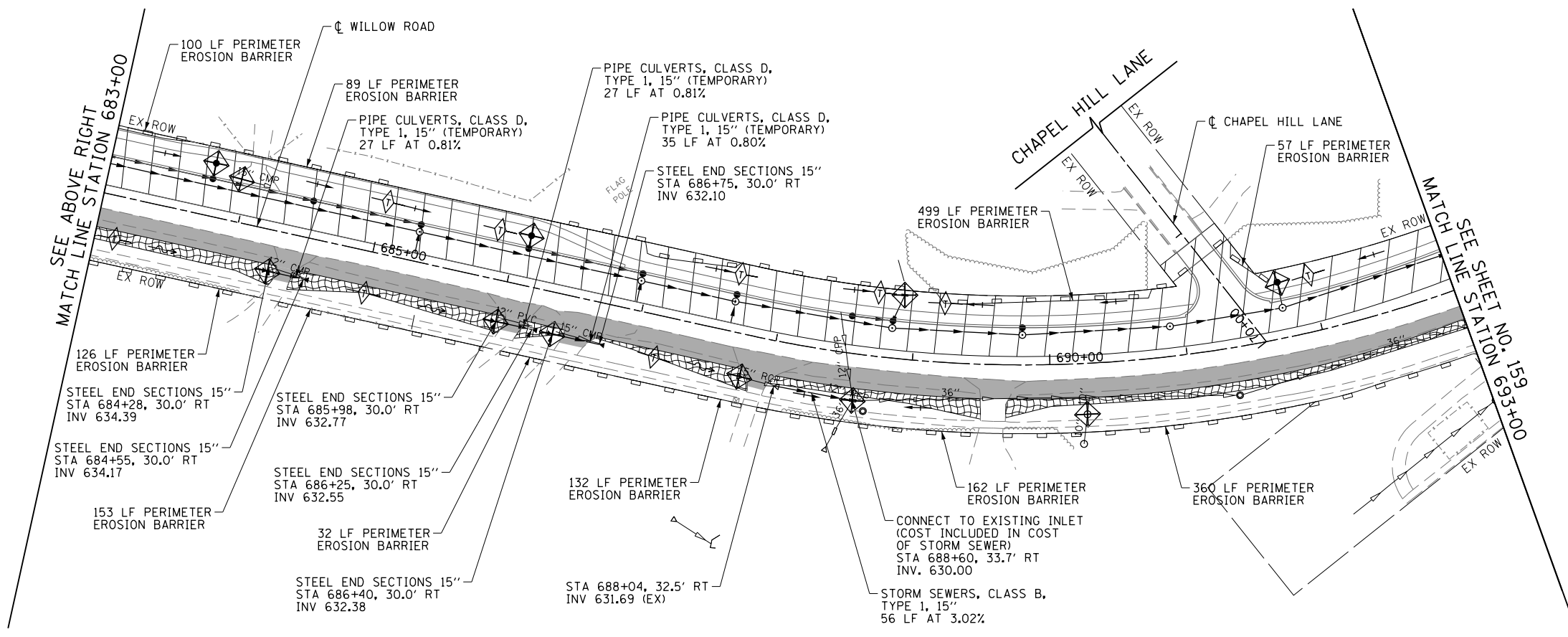
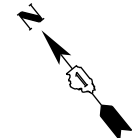


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G:\CH11\0158\Road\Sheets\0160T35-SHT-EROS-1-02.dgn		DRAWN - KAL	REVISED -			305	(1920.01,1518,2022&1922.4)R	COOK	919	157	
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

SCALE: 1" = 50' SHEET NO. 157 OF 919 SHEETS STA. 649+00 TO STA. 672+00



FOR LEGEND AND NOTES
SEE SHEET NO. 156



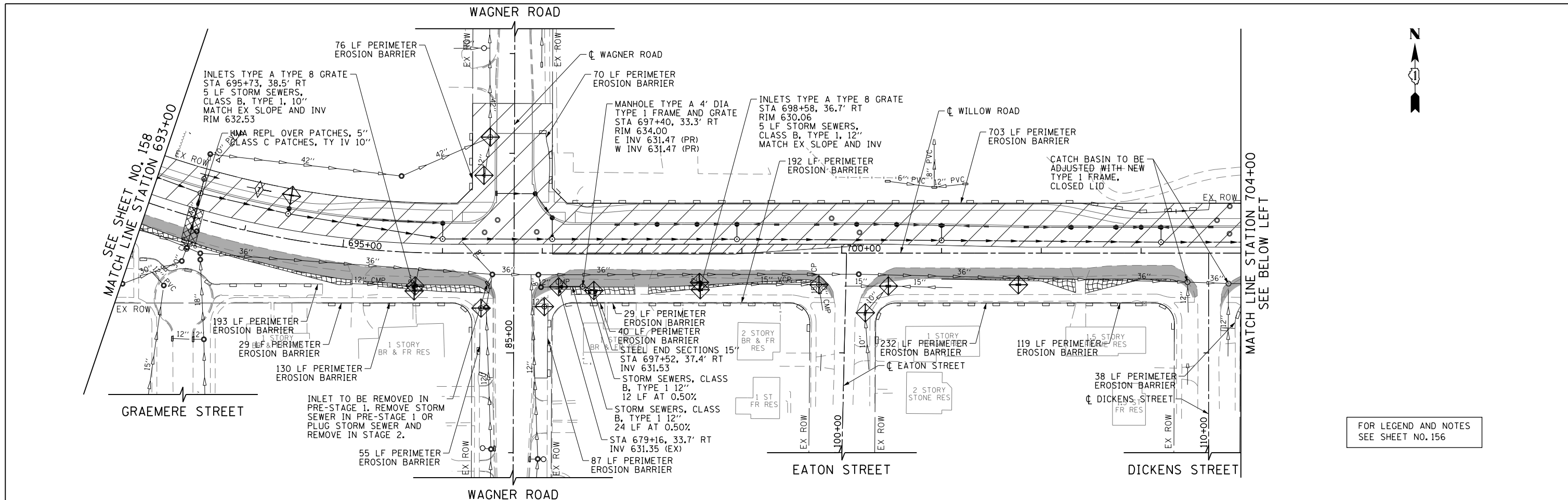
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PLOT SCALE = 1/8" = 1' in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

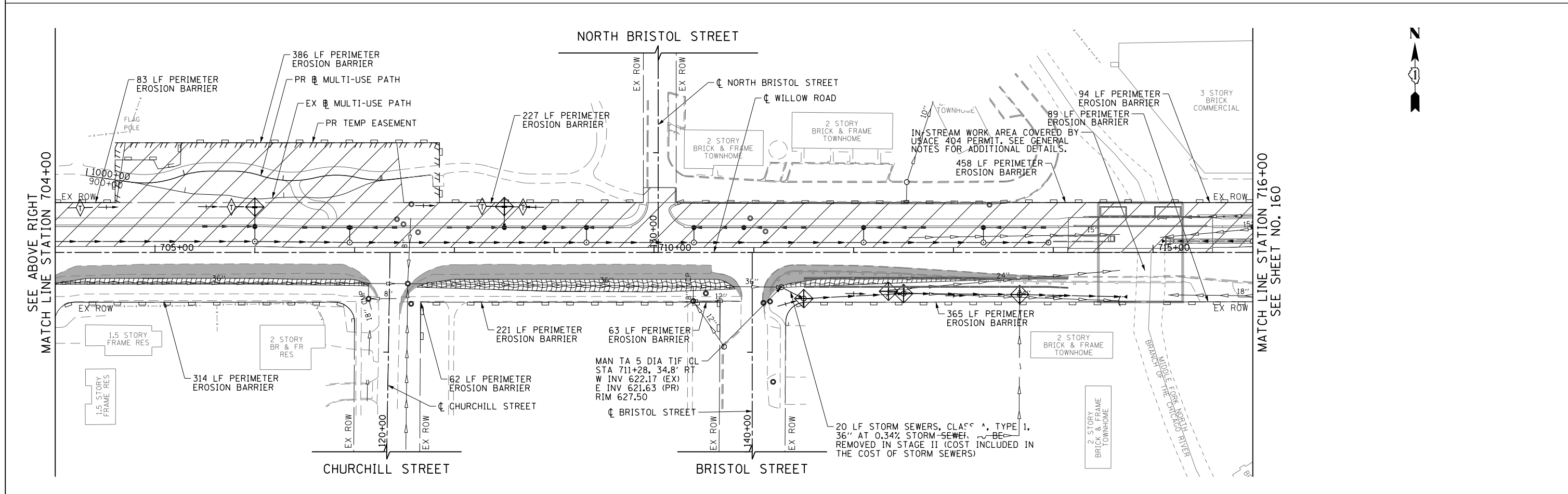
**WILLOW ROAD EROSION CONTROL PLAN
STAGE 1**

SCALE: 1" = 50' SHEET NO. 158 OF 1919 SHEETS STA. 672+00 TO STA. 693+00

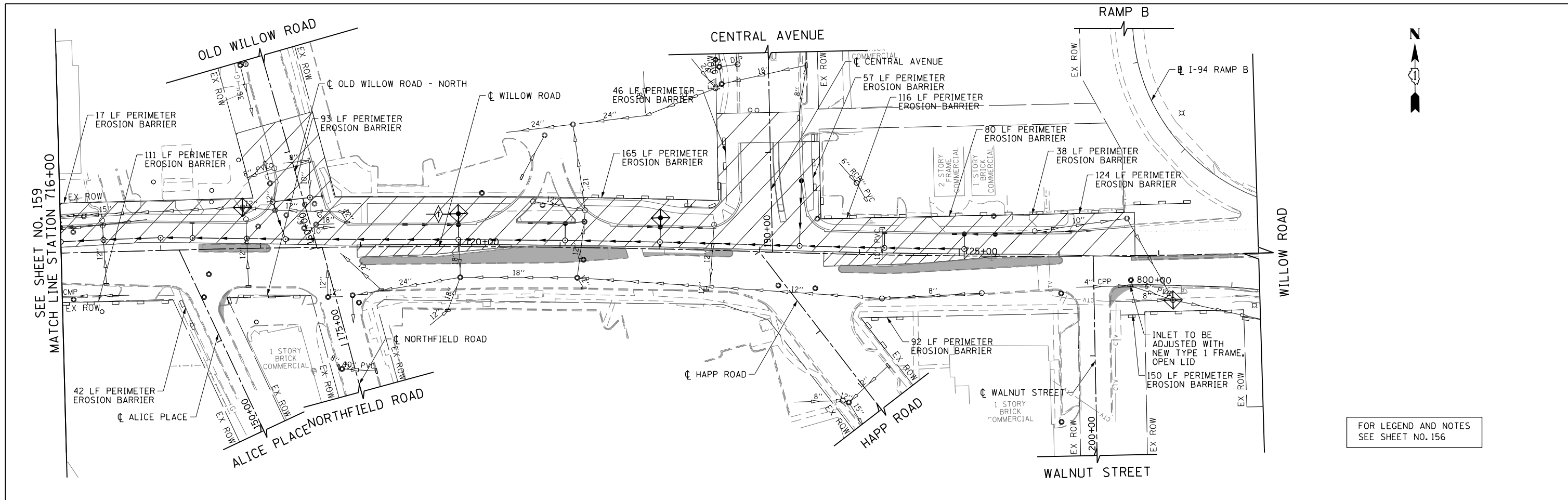
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	158
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FOR LEGEND AND NOTES
SEE SHEET NO. 156



FILE NAME = G:\CH11\0158\Road\Sheets\160T35-SHT-EROS-1-04.dgn	USER NAME = BAW\jort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD EROSION CONTROL PLAN STAGE 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -	305			(1920.01,1518,2022&1922.4BR)	COOK	919	159	
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -	CONTRACT NO. 60T35							
SCALE: 1" = 50'						SHEET NO. 159 OF 919 SHEETS		STA. 693+00 TO STA. 716+00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



FOR LEGEND AND NOTES
SEE SHEET NO. 156

FILE NAME =	USER NAME = BAW:tor.t	DESIGNED - JLV	REVISED -
G:\CH11\0158\Road\Sheets\0160T35-SHT-EROS-1-05.dgn		DRAWN - KAL	REVISED -
	PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -
	PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -

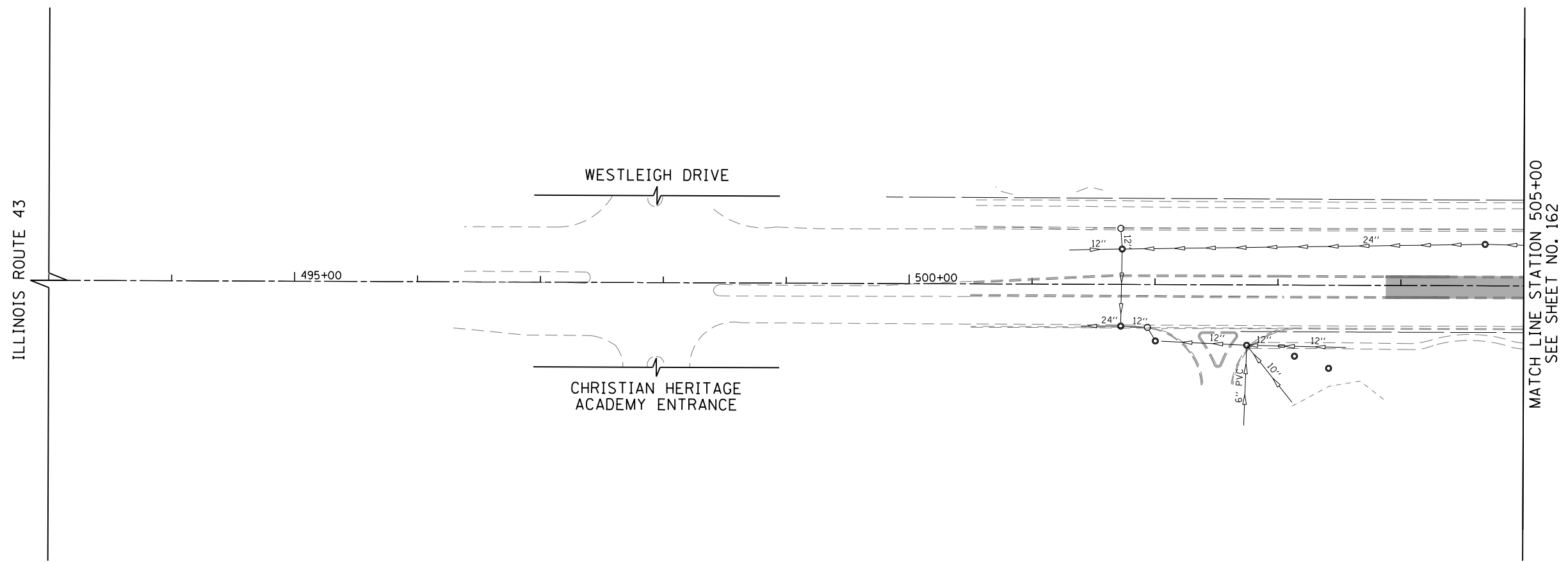
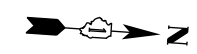
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WILLOW ROAD EROSION CONTROL PLAN
STAGE 1**

SCALE: 1" = 50' SHEET NO. 160 OF 919 SHEETS STA. 716+00 TO STA. 728+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	160
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

FOR LEGEND AND NOTES
SEE SHEET NO. 156



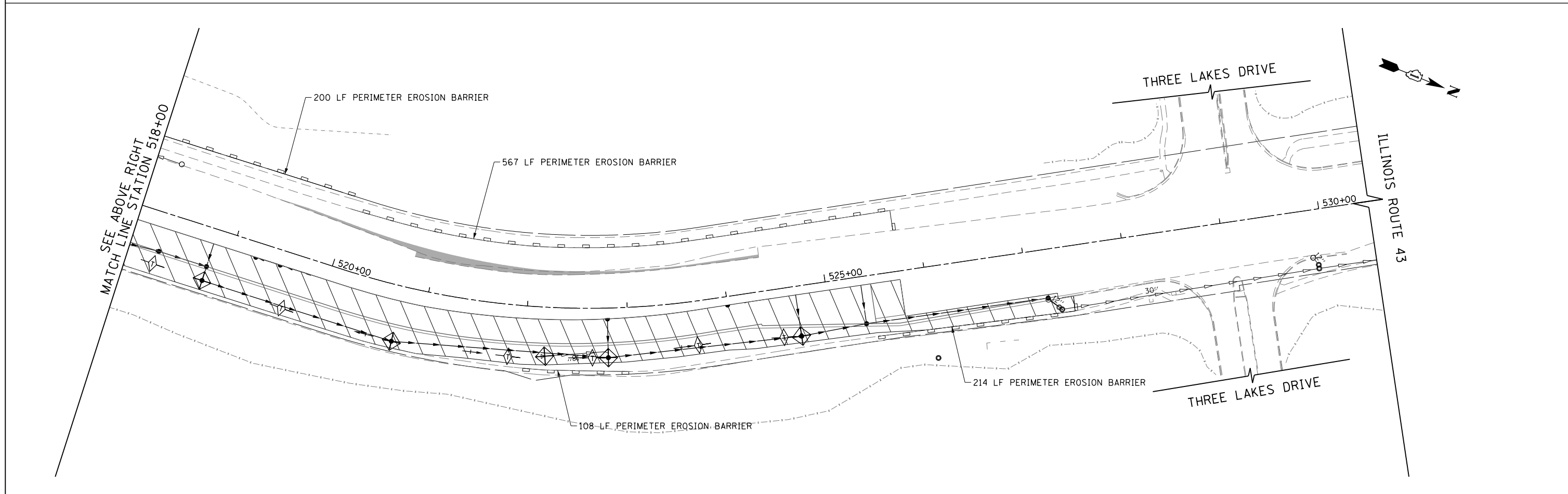
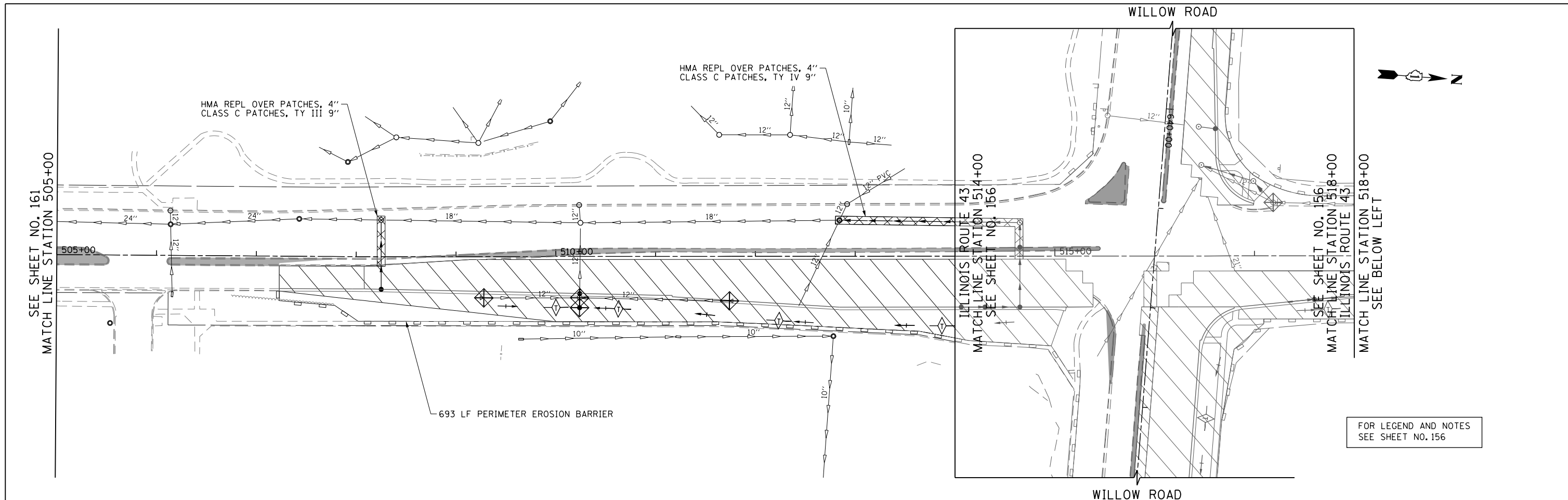
FILE NAME =	USER NAME = BAWtor.t	DESIGNED - JLV	REVISED -
G:\CH11\0158\Road\Sheets\0160T35-SHT-EROS-1-06.dgn		DRAWN - KAL	REVISED -
	PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -
	PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

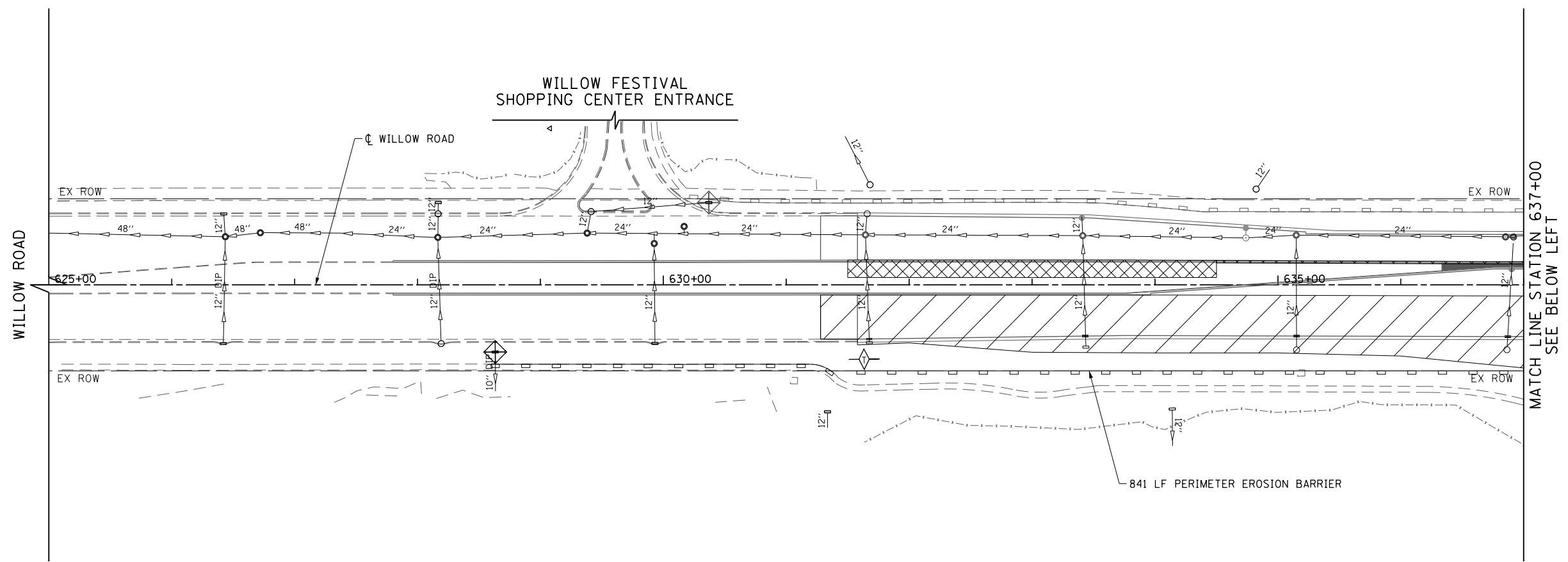
**ILLINOIS ROUTE 43 EROSION CONTROL PLAN
STAGE 1**

SCALE: 1" = 50' SHEET NO. 161 OF 919 SHEETS STA. 493+00 TO STA. 505+00

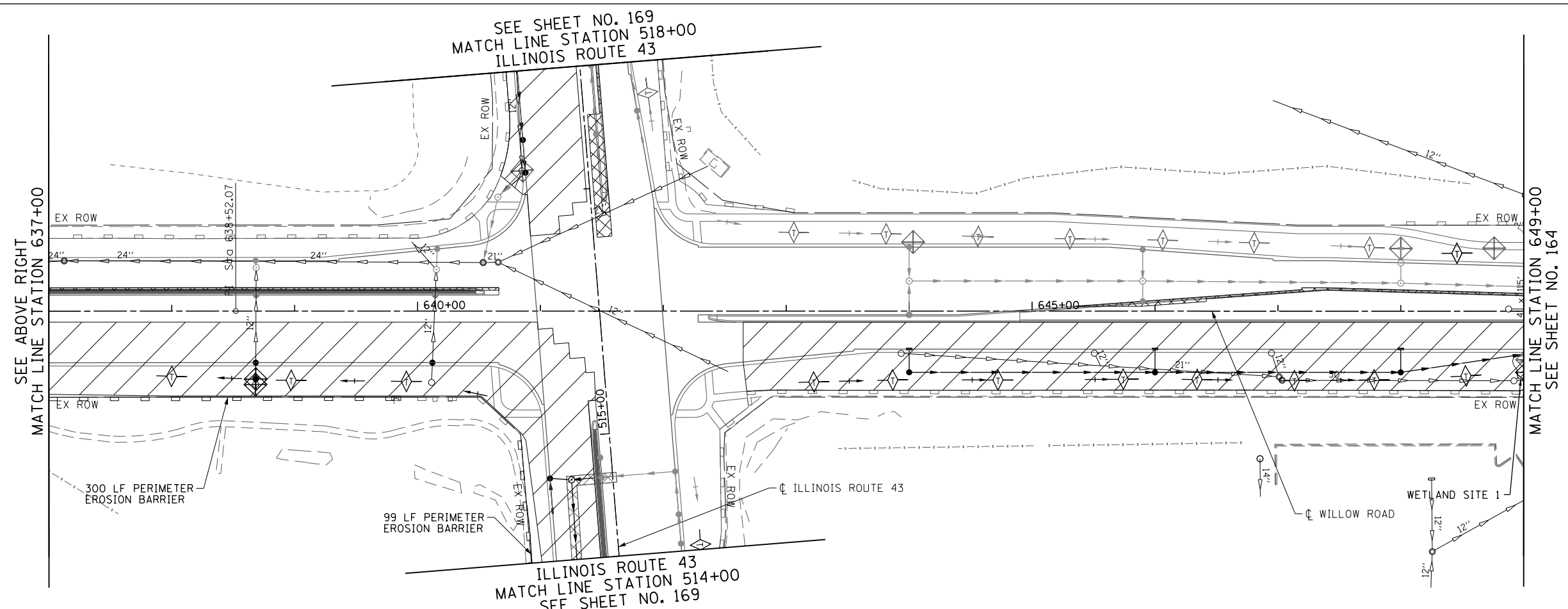
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	161
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME = G:\CH11\0158\Road\Sheets\0160T35-SHT-EROS-1-07.dgn	USER NAME = BAW\ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 43 EROSION CONTROL PLAN STAGE 1			F.A.P. R.E. = 305	SECTION = (1920.01,1518,2022&1922.4)R	COUNTY = COOK	TOTAL SHEETS = 919	SHEET NO. = 162
	PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -		SCALE: 1" = 50'	SHEET NO. 162 OF 919 SHEETS	STA. 505+00	TO STA. 530+50	CONTRACT NO. 60T35			
	PLOT DATE = 11/1/2012	DATE = 10/31/2012	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



FOR LEGEND AND NOTES
SEE SHEET NO. 156

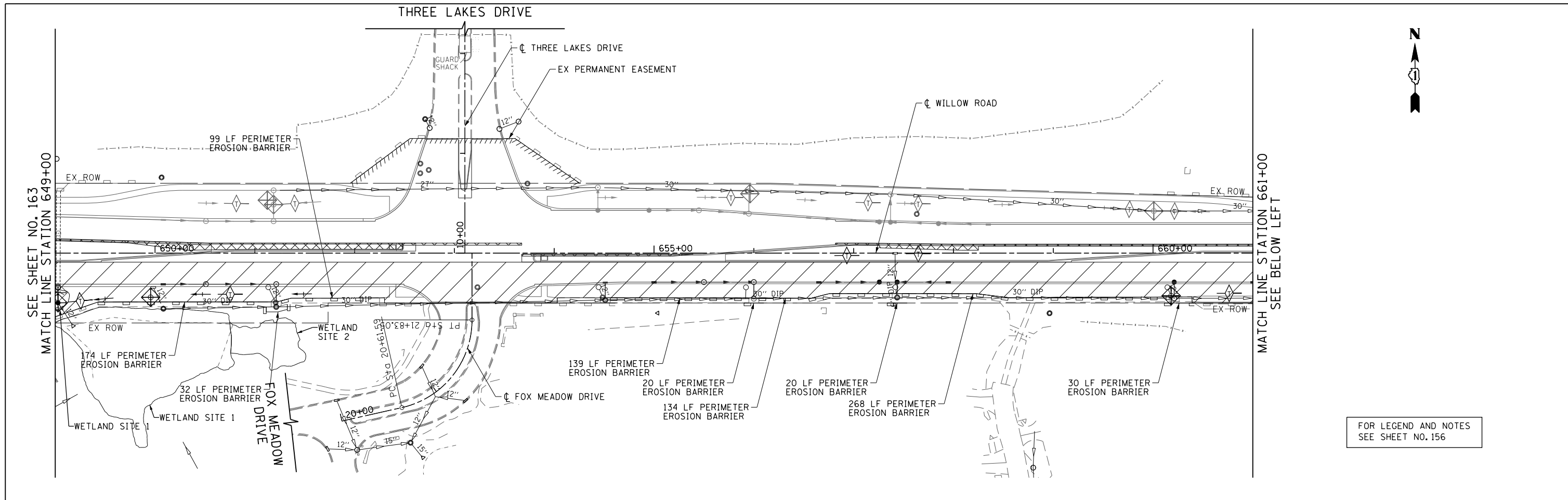


FILE NAME =	USER NAME = BAWtor.t	DESIGNED - JLJ	REVISED -
G:\CH11\0158\Road\Sheets\0160T35-SHT-EROS-2-01.dgn		DRAWN - KAL	REVISED -
	PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -
	PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -

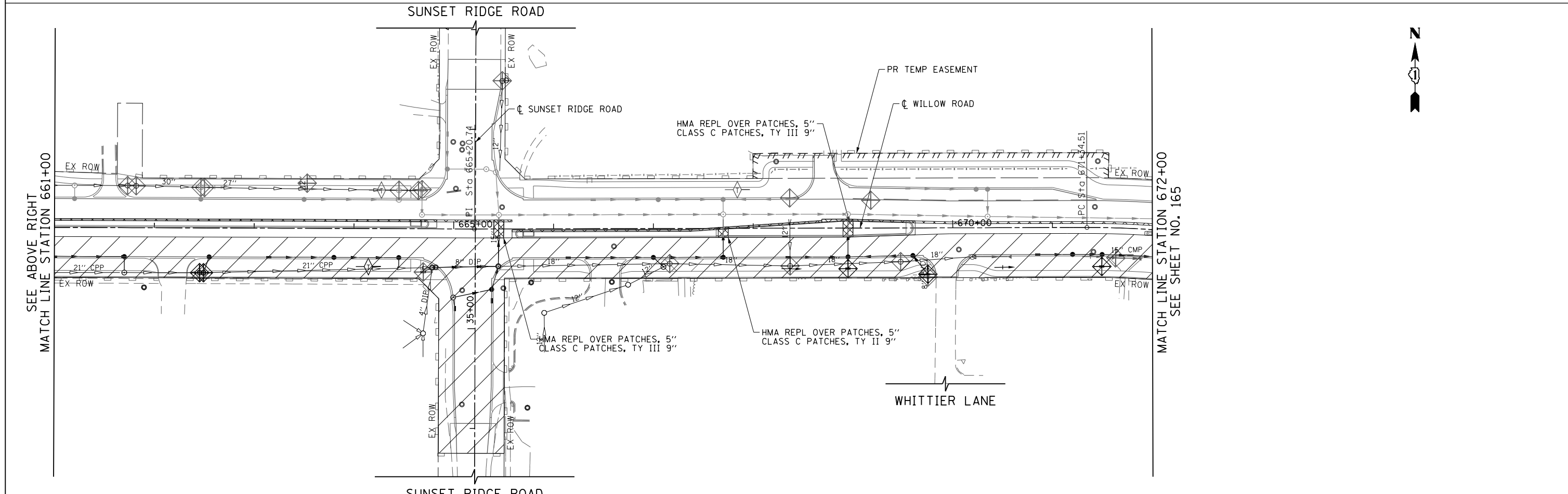
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLOW ROAD EROSION CONTROL PLAN
STAGE 2
SCALE: 1" = 50'
SHEET NO. 163 OF 919 SHEETS
STA. 625+00 TO STA. 649+00

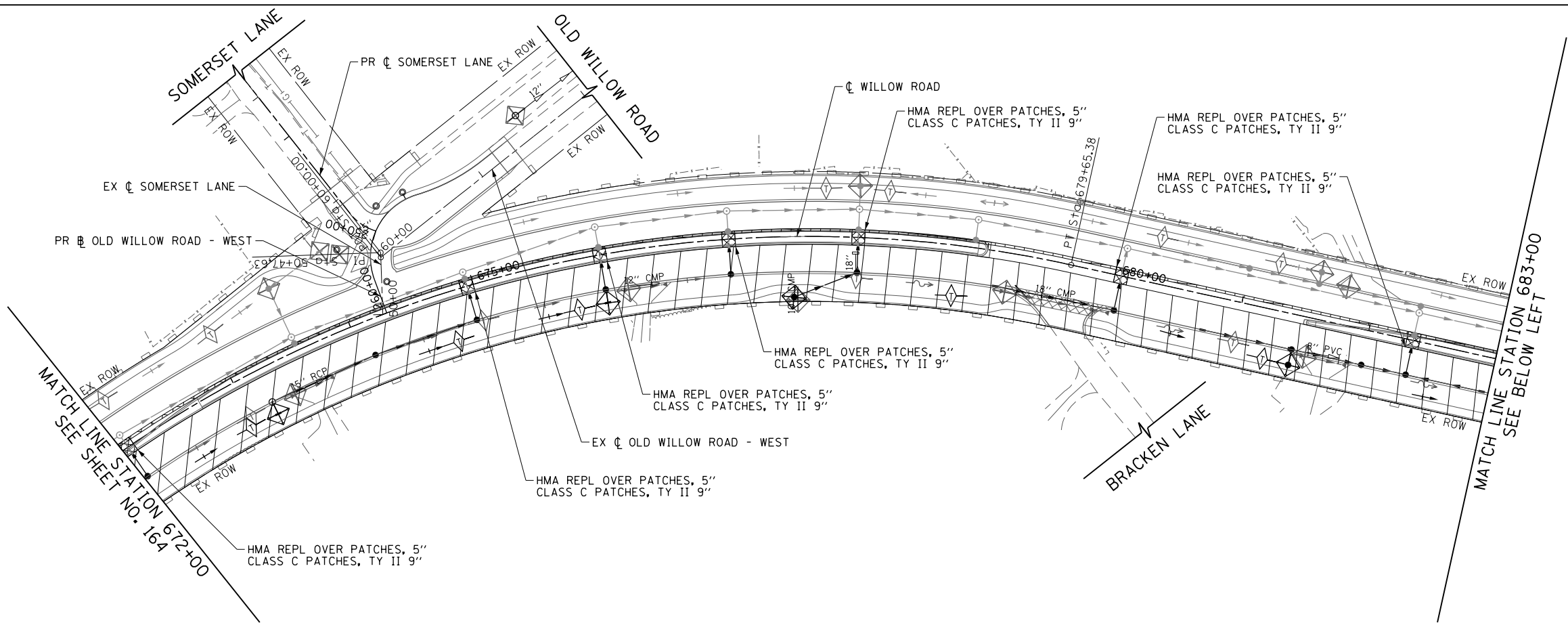
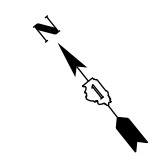
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	163
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



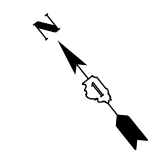
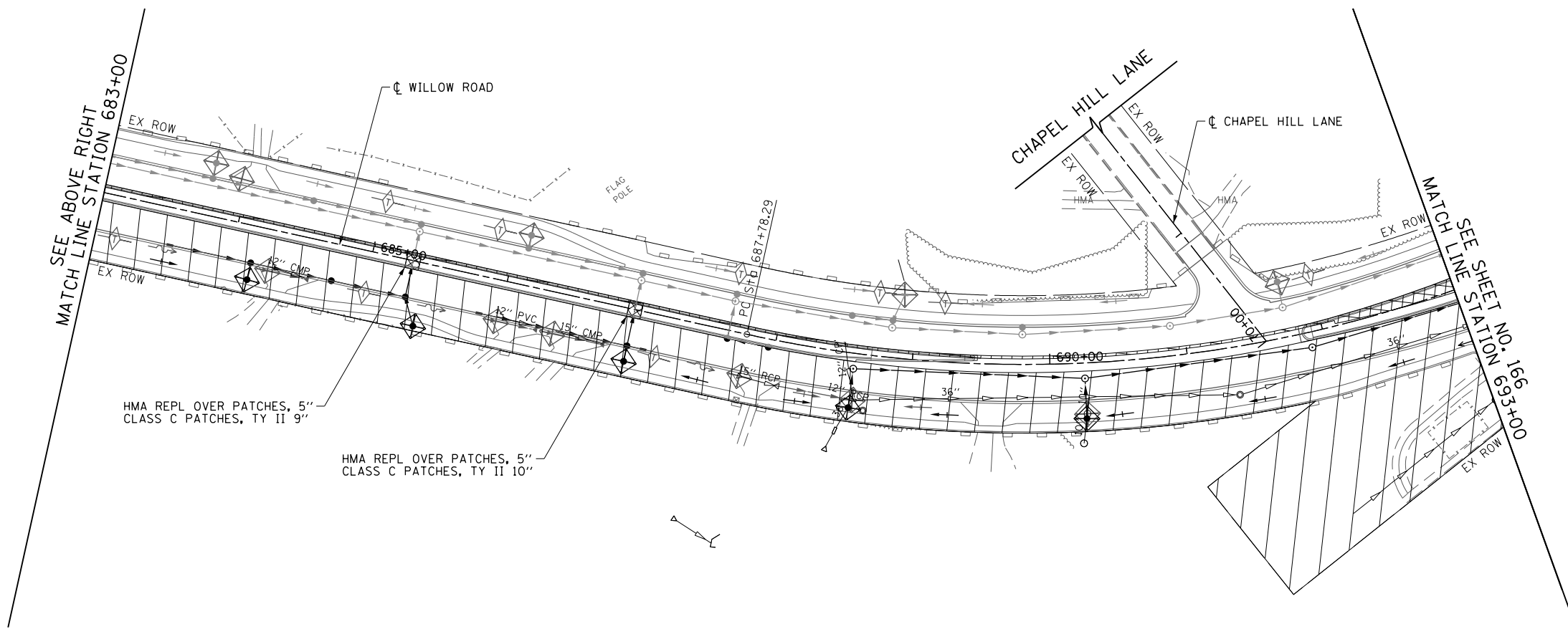
FOR LEGEND AND NOTES
SEE SHEET NO. 156



FILE NAME = G:\CH11\0158\Road\Sheets\0160T35-SHT-EROS-2-02.dgn	USER NAME = BAW\rt.t	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD EROSION CONTROL PLAN STAGE 2	F.A.P. RTE. 305	SECTION (1920.01,1518,2022&1922.4BIR)	COUNTY COOK	TOTAL SHEETS 919	SHEET NO. 164	
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISIED -	SCALE: 1" = 50'			SHEET NO. 164 OF 919 SHEETS	STA. 649+00	TO STA. 672+00	CONTRACT NO. 60T35		
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISIED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								



FOR LEGEND AND NOTES
SEE SHEET NO. 156



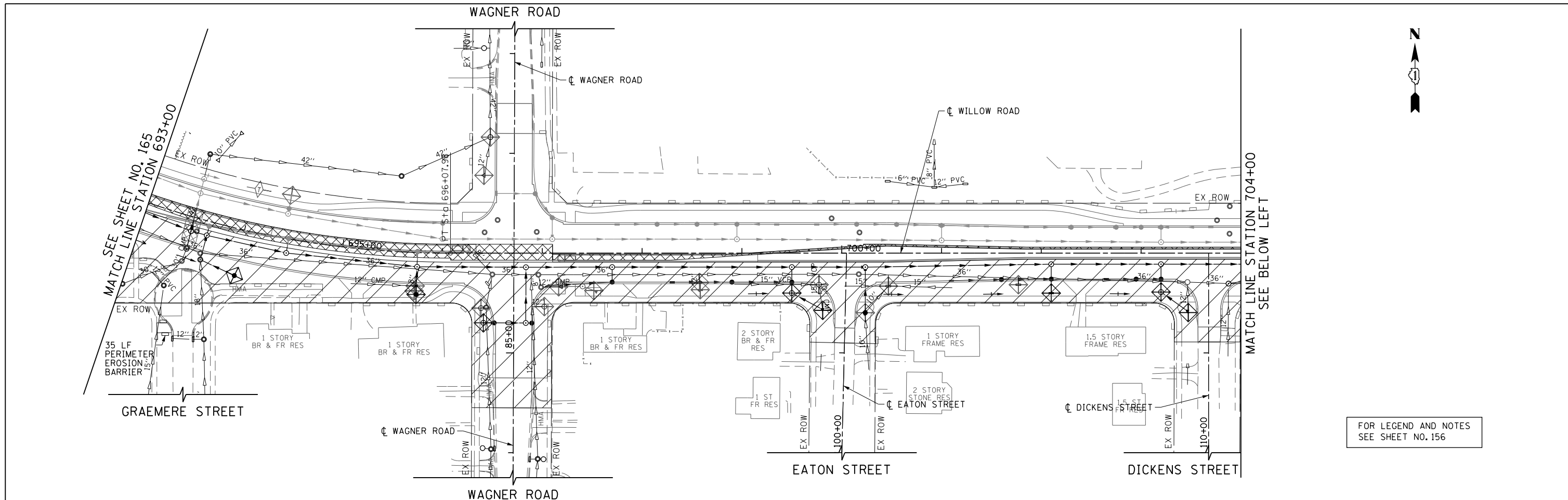
FILE NAME =	USER NAME = BAW\ort	DESIGNED - JLV	REVISED -
G:\CH11\0158\Road\Sheets\160T35-SHT-EROS-2-03.dgn		DRAWN - KAL	REVISED -
	PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -
	PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

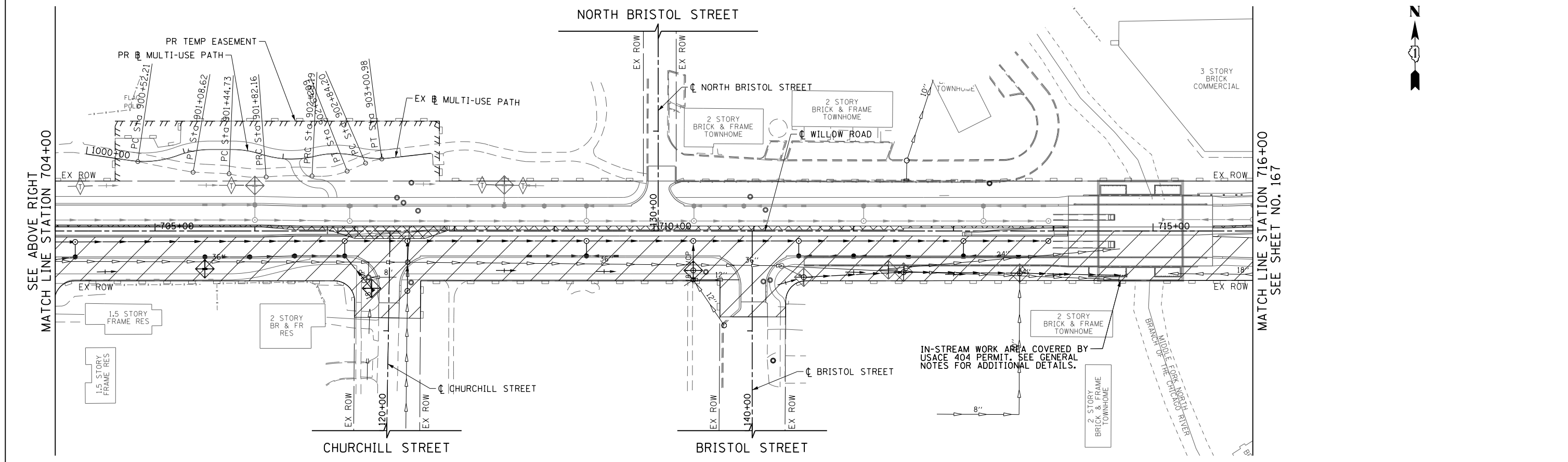
**WILLOW ROAD EROSION CONTROL PLAN
STAGE 2**

SCALE: 1" = 50' SHEET NO. 165 OF 919 SHEETS STA. 672+00 TO STA. 693+00

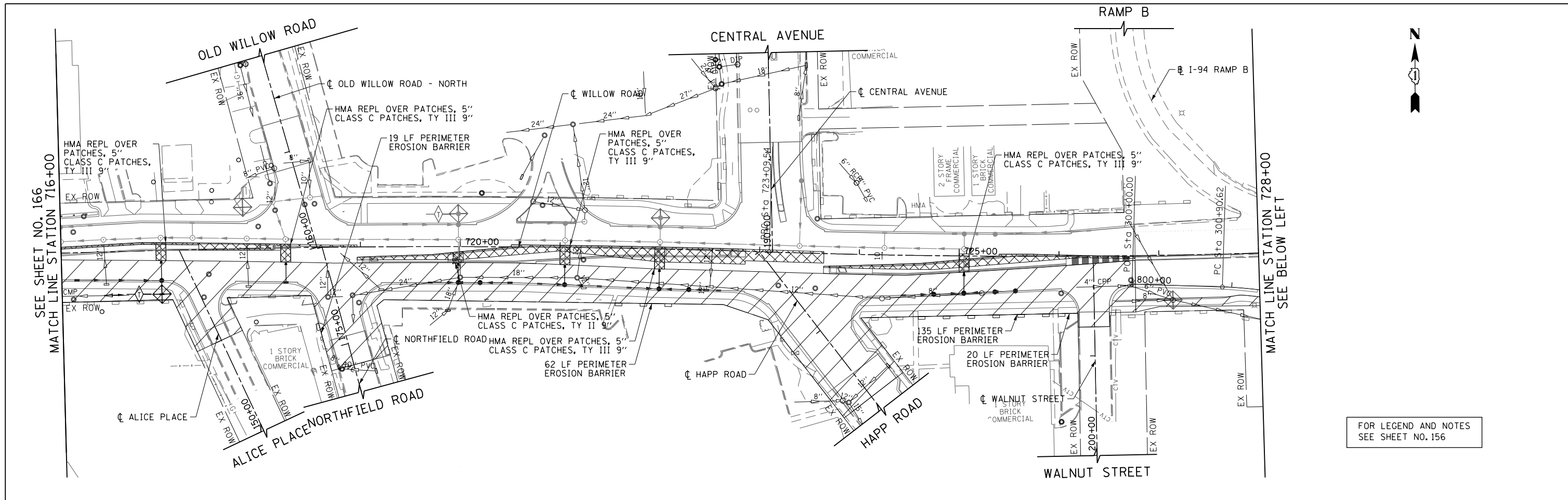
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4B)R	COOK	919	165
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



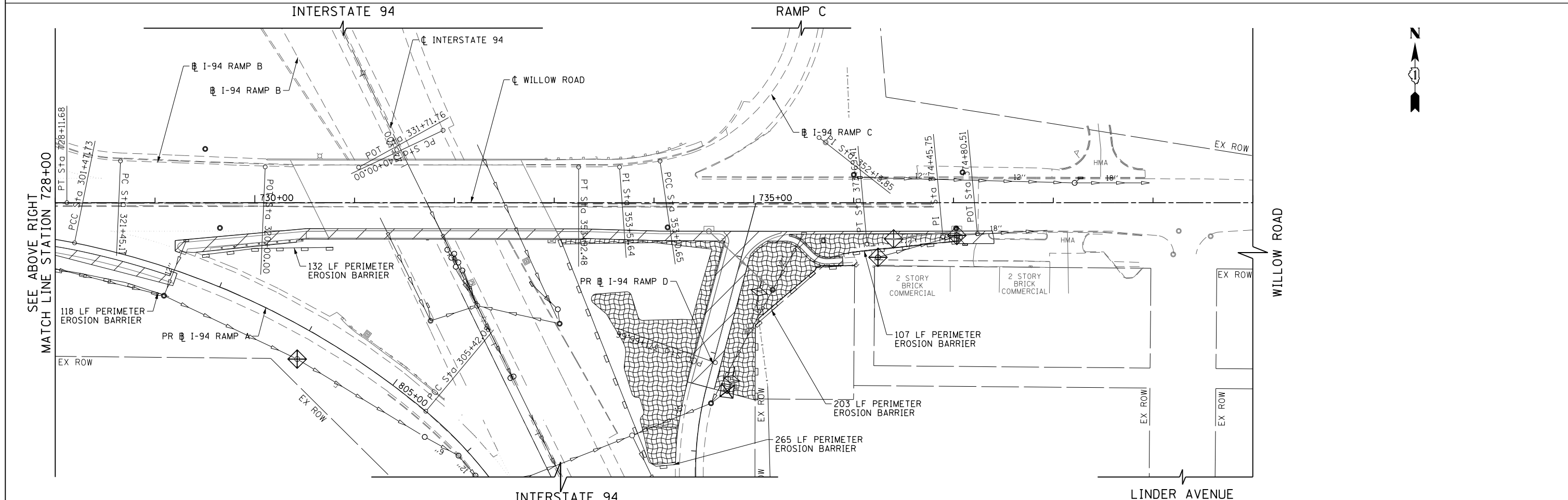
FOR LEGEND AND NOTES
SEE SHEET NO. 156



FILE NAME =	USER NAME = BAW:tor.t	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD EROSION CONTROL PLAN STAGE 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
G:\CH11\0158\Road\Sheets\160T35-SHT-EROS-2-04.dgn	DRAWN - KAL	REVISED -	305			(1920.01,1518,2022&1922.4BR)	COOK	919	166	
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -	CONTRACT NO. 60T35							
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
SCALE: 1" = 50'						SHEET NO. 166 OF 919 SHEETS		STA. 693+00		TO STA. 716+00



FOR LEGEND AND NOTES
SEE SHEET NO. 156



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
G:\CH11\0158\Road\Sheets\0160T35-SHT-EROS-2-05.dgn		DRAWN - KAL	REVISED -
		CHECKED - RCB	REVISED -
		DATE - 10/31/2012	REVISED -

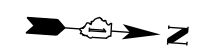
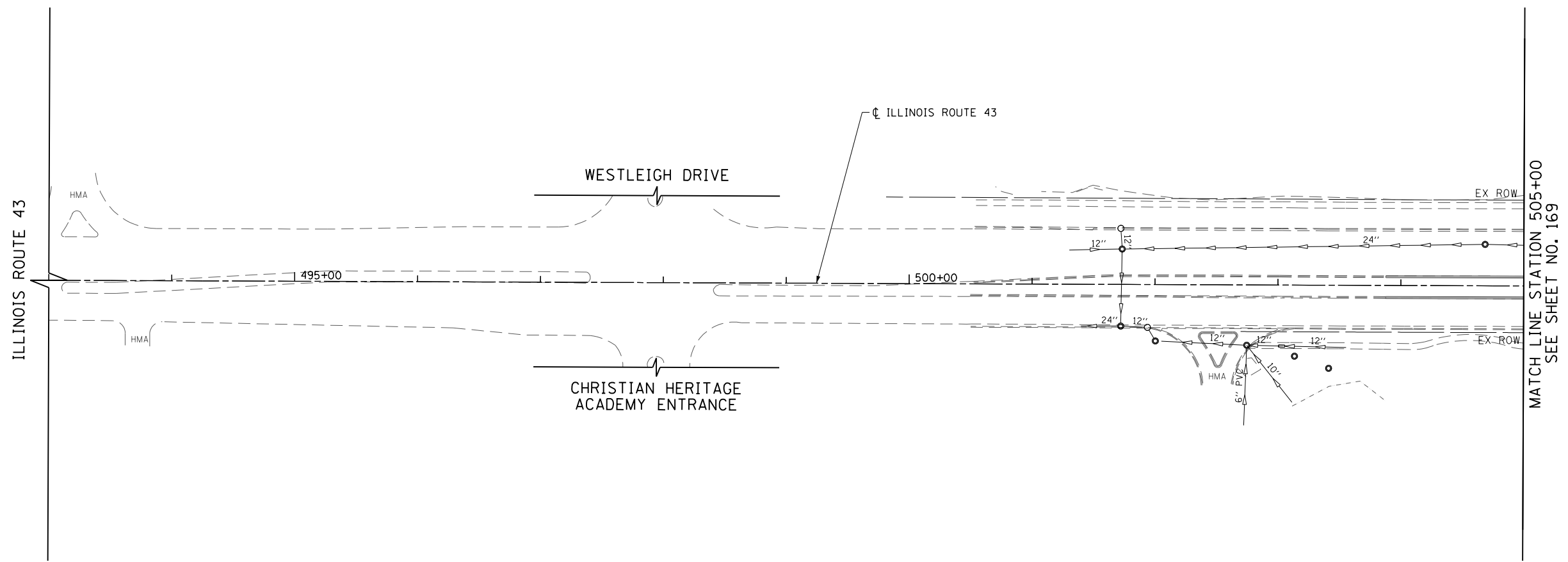
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WILLOW ROAD EROSION CONTROL PLAN
STAGE 2**

SCALE: 1" = 50'
SHEET NO. 167 OF 919 SHEETS
STA. 716+00 TO STA. 740+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	167
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

FOR LEGEND AND NOTES
SEE SHEET NO. 156



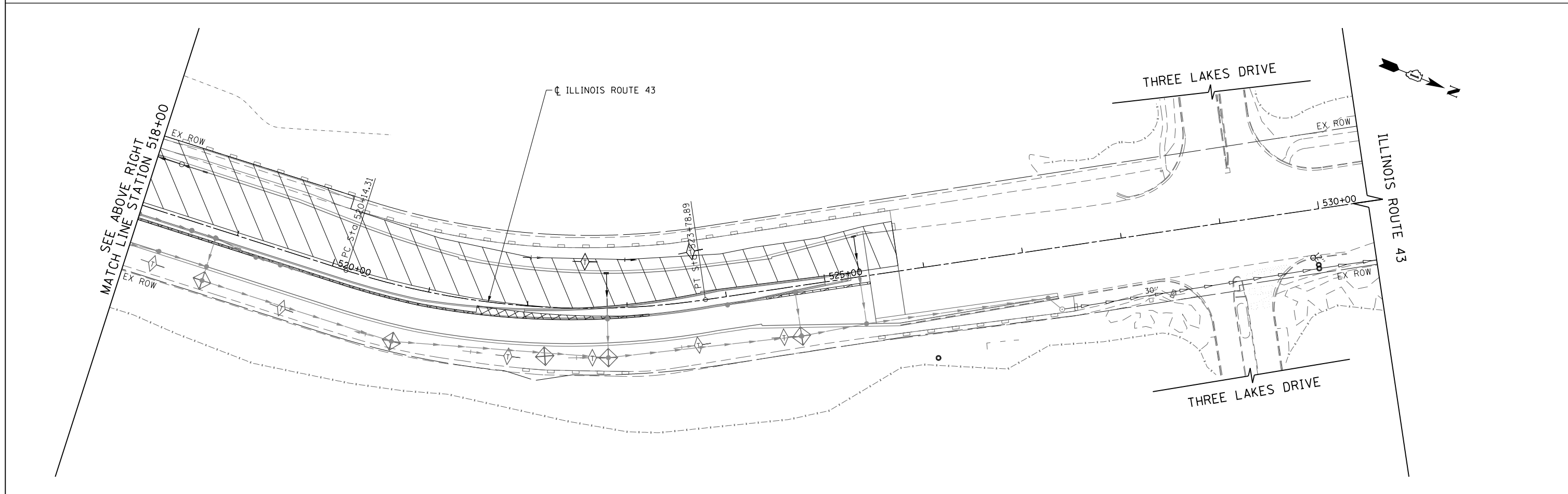
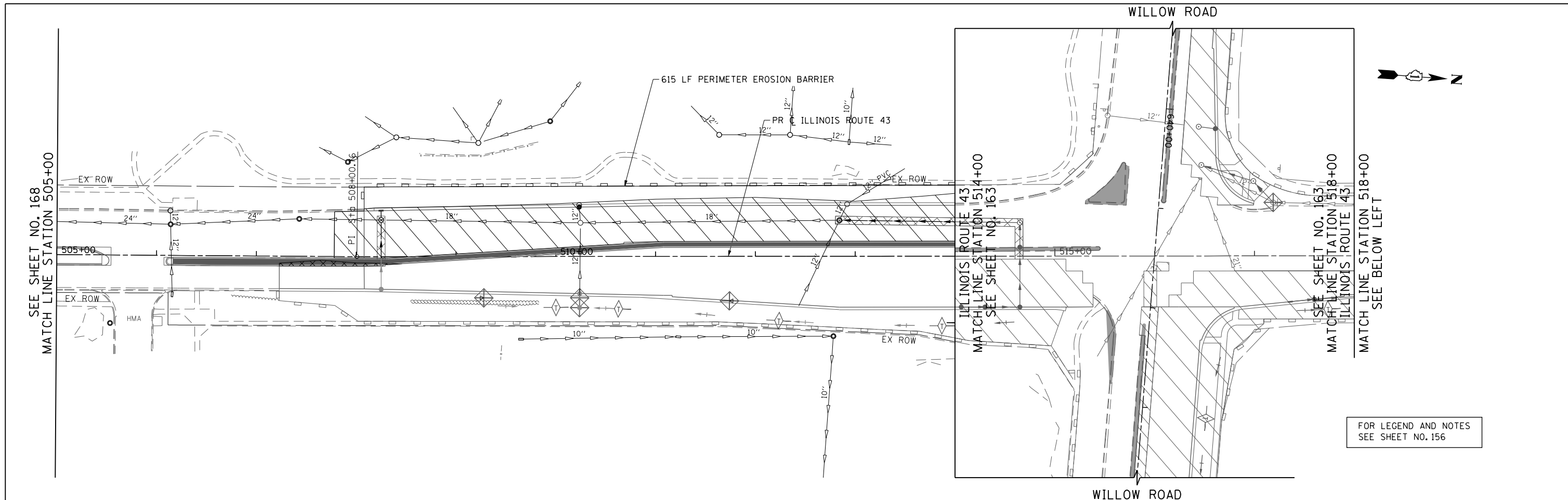
FILE NAME =	USER NAME = BAWtor.t	DESIGNED - JLV	REVISED -
G:\CH11\0158\Road\Sheets\0160T35-SHT-EROS-2-06.dgn		DRAWN - KAL	REVISED -
	PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -
	PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

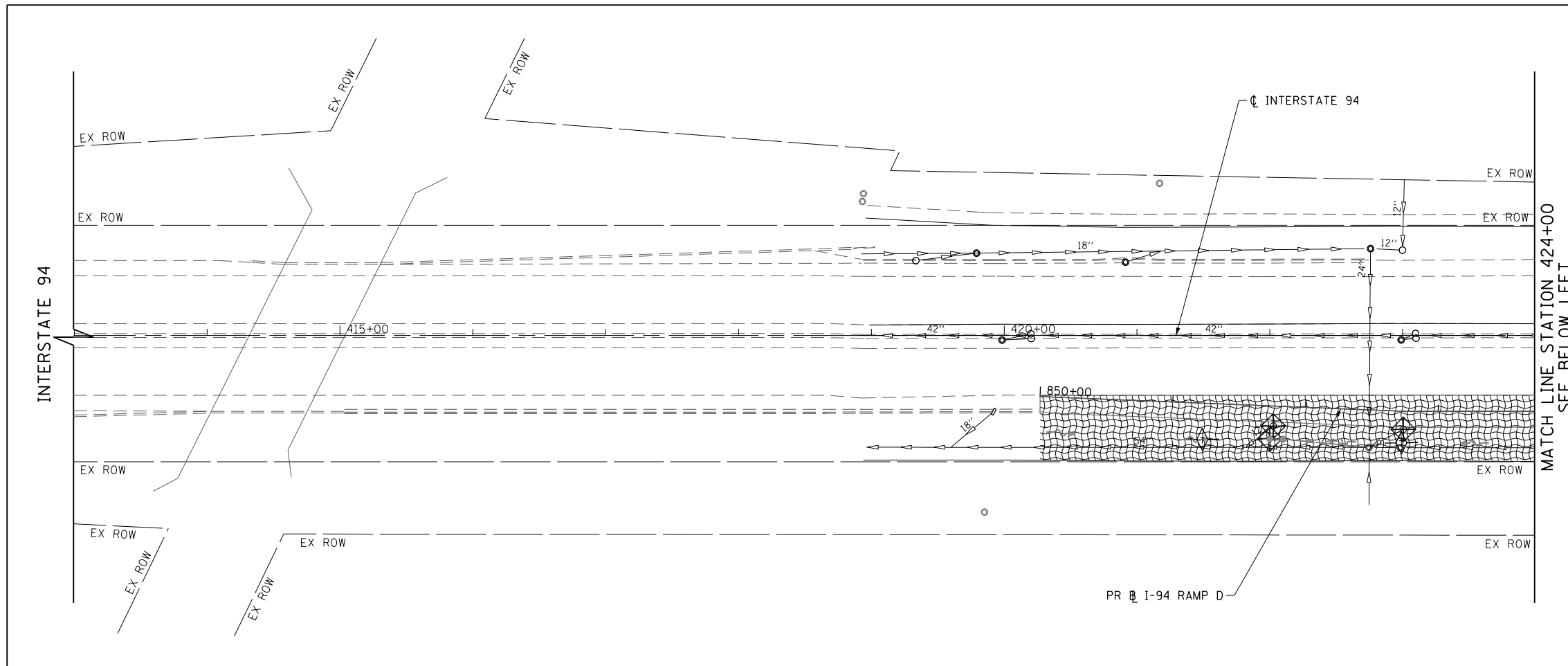
**ILLINOIS ROUTE 43 EROSION CONTROL PLAN
STAGE 2**

SCALE: 1" = 50' SHEET NO. 168 OF 919 SHEETS STA. 493+00 TO STA. 505+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	168
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

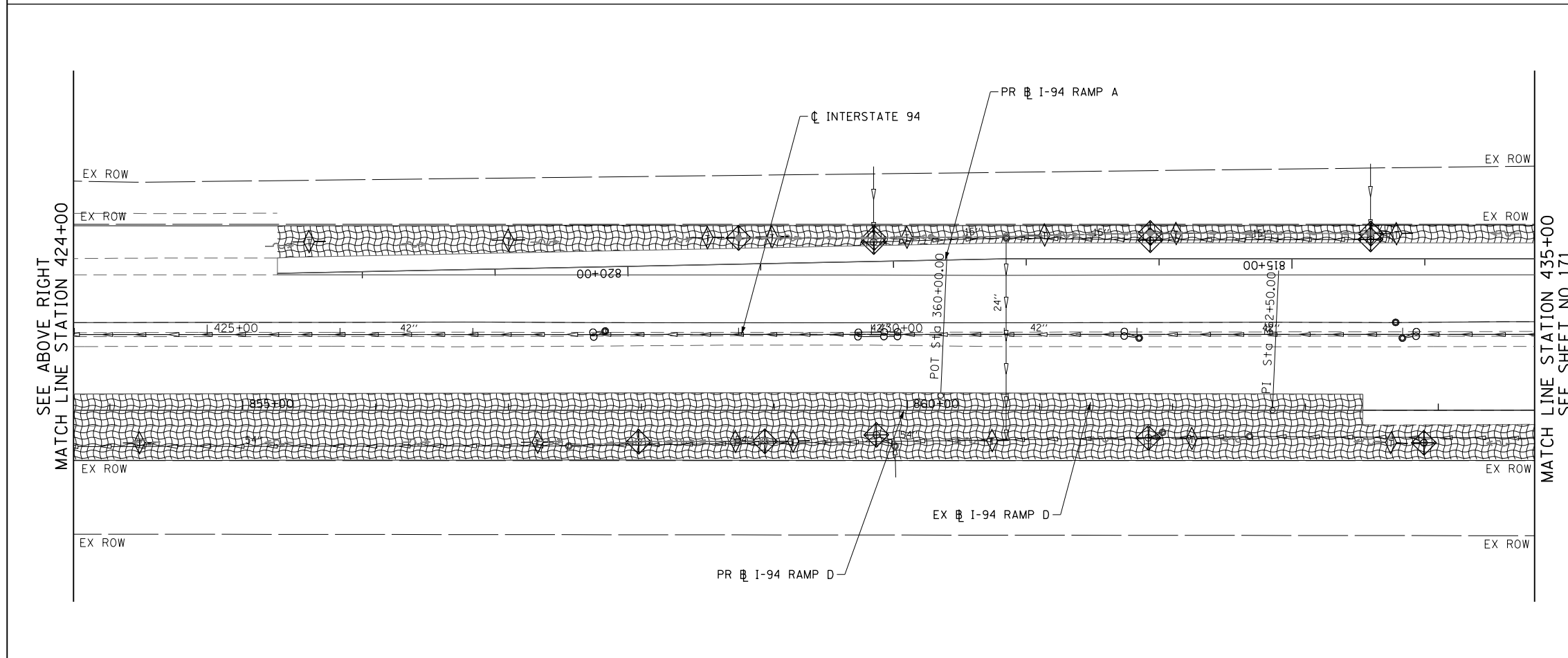


FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 43 EROSION CONTROL PLAN STAGE 2	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
G:\CH11\0158\Road\Sheets\0160T35-SHT-EROS-2-07.dgn	DRAWN - KAL	REVISED -	305			(1920,01,1518,2022&1922,4)R	COOK	919	169	
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -	CONTRACT NO. 60T35							
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
					SCALE: 1" = 50'	SHEET NO. 169 OF 919 SHEETS		STA. 505+00	TO STA. 530+50	



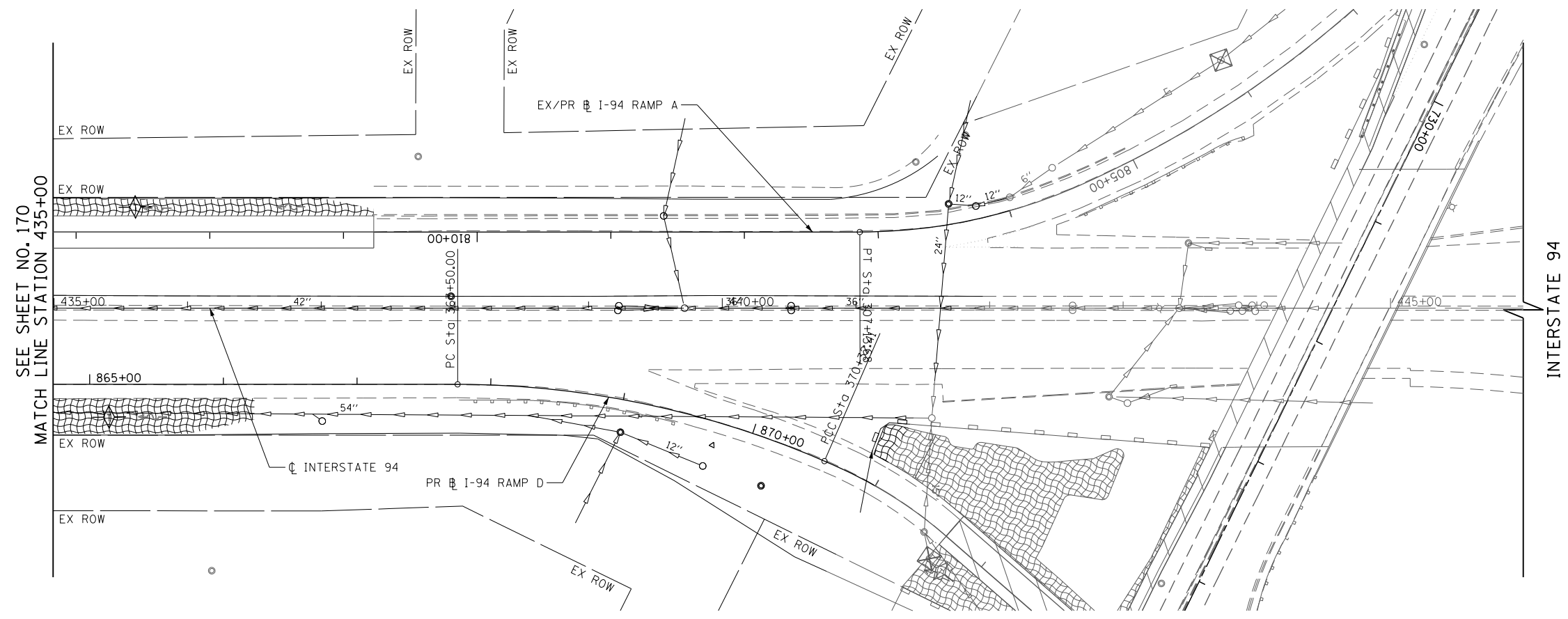
MATCH LINE STATION 424+00
SEE BELOW LEFT

FOR LEGEND AND NOTES
SEE SHEET NO. 156



MATCH LINE STATION 435+00
SEE SHEET NO. 171

FILE NAME = G:\CH11\0158\Road\Sheets\0160T35-SHT-ER05-2-11.dgn	USER NAME = BAW:tor.t	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE 94 EROSION CONTROL PLAN STAGE STAGE 2		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED - RCB	REVISED -				305	(1920.01,1518,2022&1922.4)R	COOK	919	170
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -		SCALE: 1" = 50'	SHEET NO. 170 OF 919 SHEETS	STA. 413+00 TO STA. 435+00	CONTRACT NO. 60T35				
							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FOR LEGEND AND NOTES
SEE SHEET NO. 156

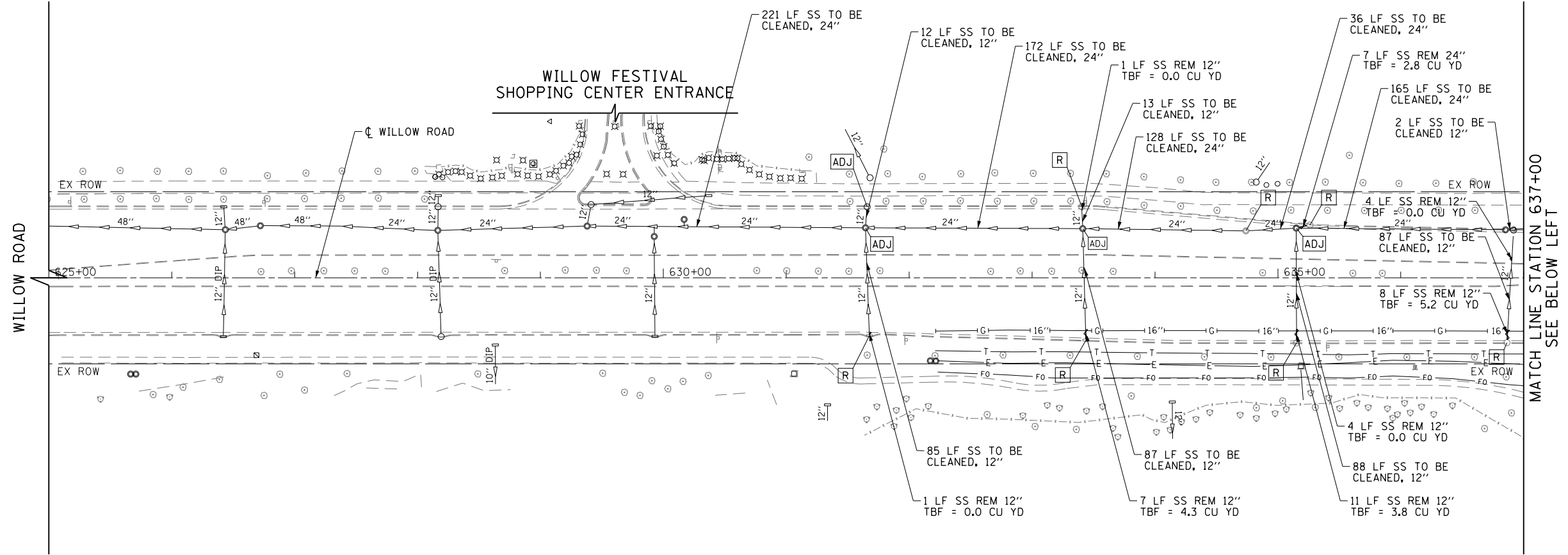
FILE NAME =	USER NAME = BAWtor.t	DESIGNED - JLV	REVISED -
G:\CH11\0158\Road\Sheets\0160T35-SHT-EROS-2-12.dgn		DRAWN - KAL	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED - RCB	REVISED -
	PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

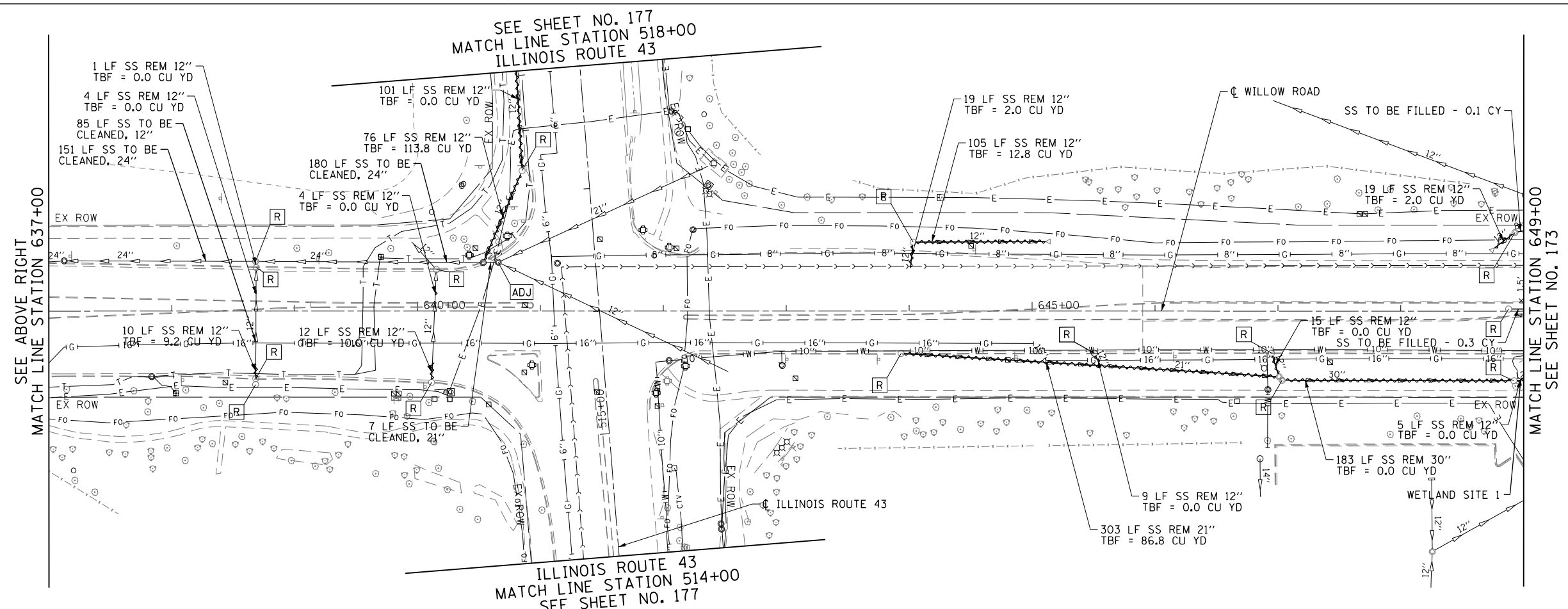
**INTERSTATE 94 EROSION CONTROL PLAN
STAGE 2**

SCALE: 1" = 50' SHEET NO.171 OF 919 SHEETS STA. 435+00 TO STA. 446+00

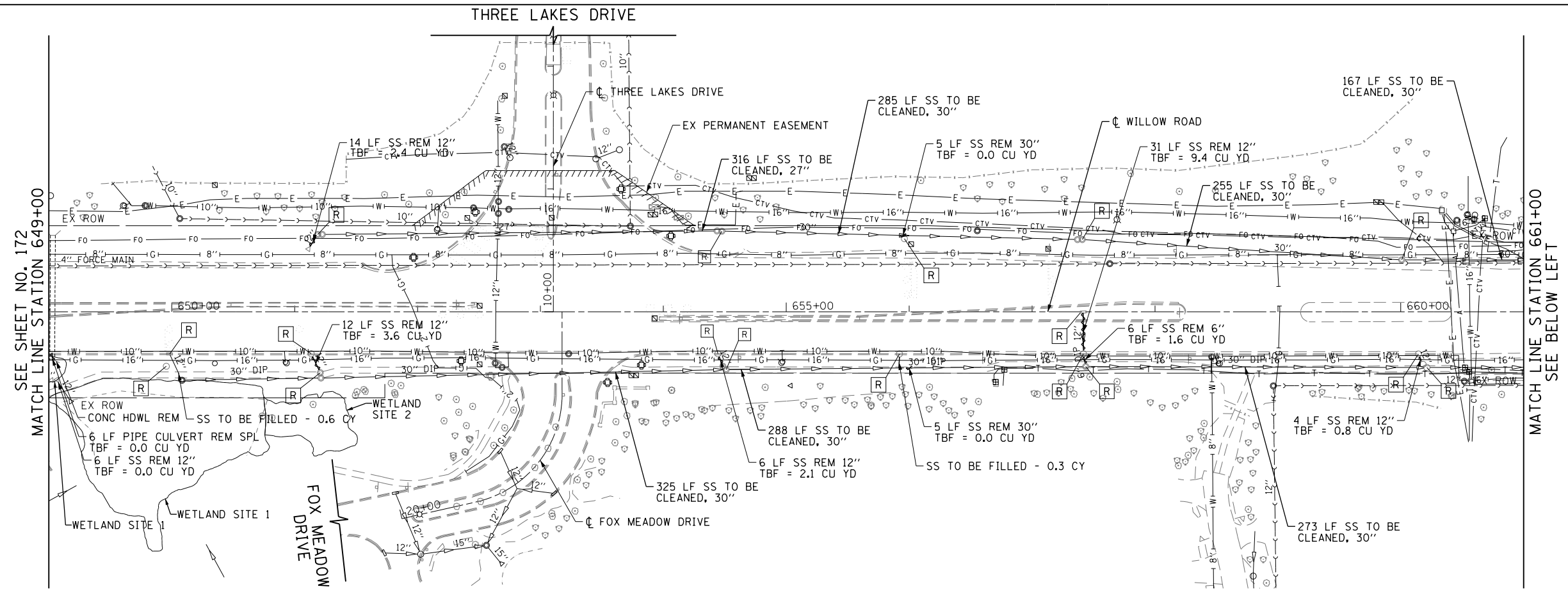
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4B)R	COOK	919	171
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



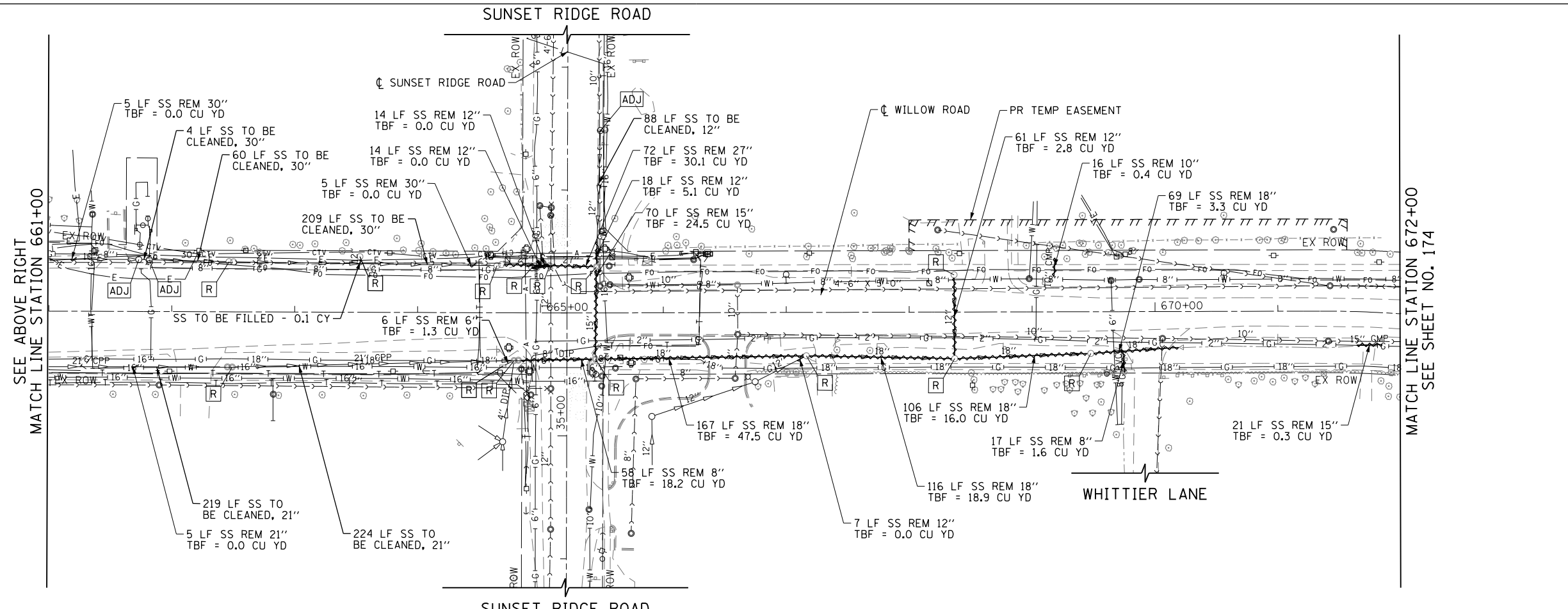
- LEGEND**
- STORM SEWER REMOVAL
 - DRAINAGE STRUCTURE REMOVAL
 - DRAINAGE STRUCTURE ADJUSTED



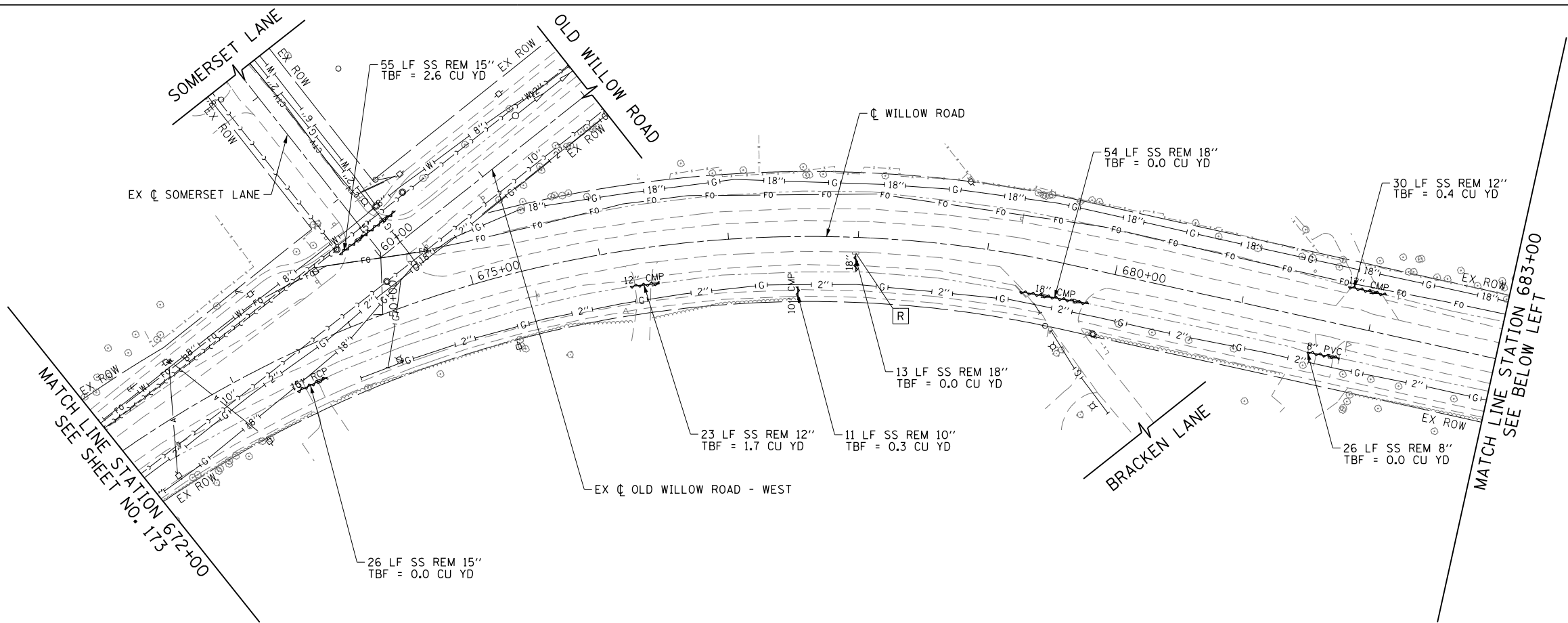
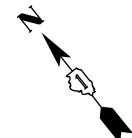
FILE NAME =	USER NAME = BAW:ort	DESIGNED - BBB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD DRAINAGE REMOVAL PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch11\0158\road\Sheets\0160T35-SHT-DR-REM-01.dgn		DRAWN - RJB	REVISED -			305	(1920.01,1518,2022&1922,4BR)	COOK	919	172	
		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



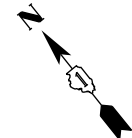
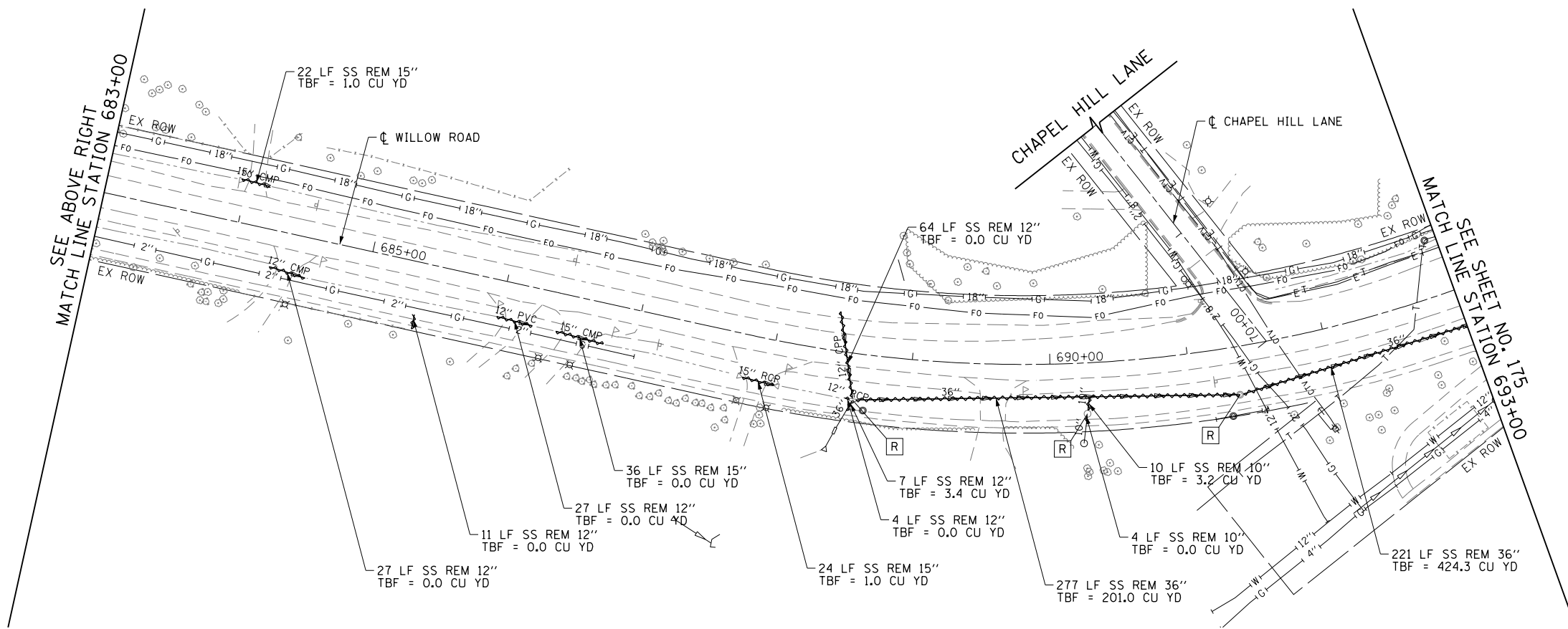
- LEGEND**
- STORM SEWER REMOVAL
 - DRAINAGE STRUCTURE REMOVAL
 - DRAINAGE STRUCTURE ADJUSTED



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD DRAINAGE REMOVAL PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\ch11\0158\road\Sheets\0160\35-SHT-DR-REM-02.dgn	REVISIONS	REVISIONS	REVISIONS				305	(1920.01,1518,2022&1922,4BR)	COOK	919	173
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISIONS	REVISIONS		CONTRACT NO. 60T35						
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISIONS	REVISIONS		SCALE: 1" = 50'	SHEET NO. 173 OF 919 SHEETS	STA. 649+00 TO STA. 672+00	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	



- LEGEND**
- STORM SEWER REMOVAL
 - DRAINAGE STRUCTURE REMOVAL
 - DRAINAGE STRUCTURE ADJUSTED



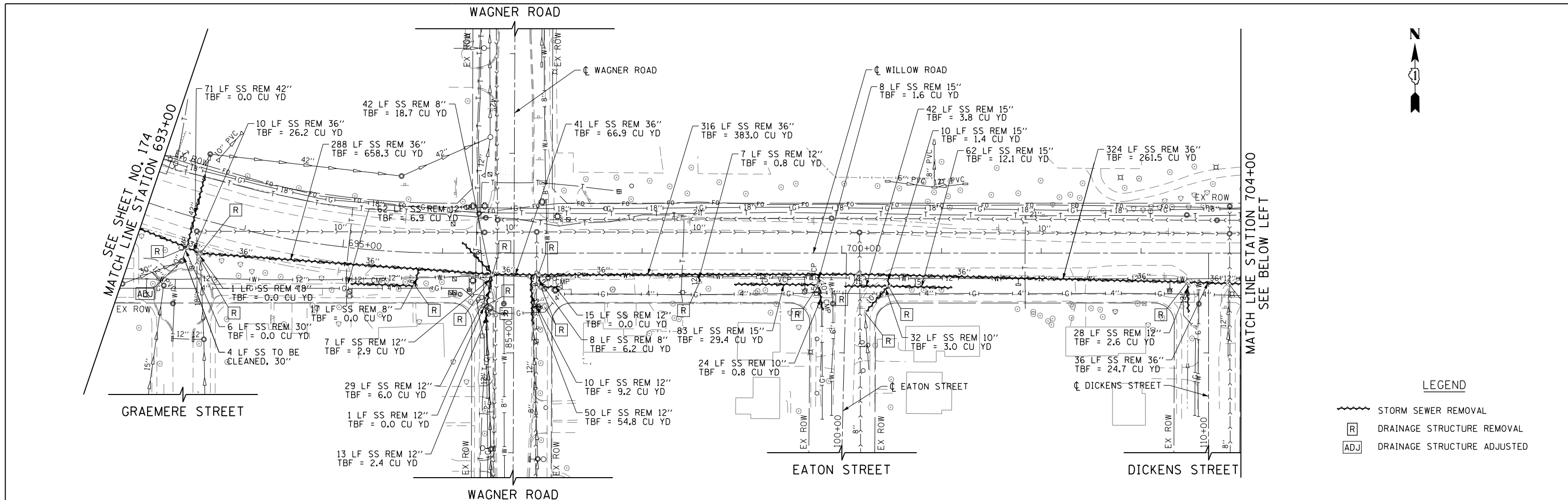
FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
g:\ch11\0158\road\Sheets\0160T35-SHT-DR-REM-03.dgn		DRAWN - KAL	REVISED -
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

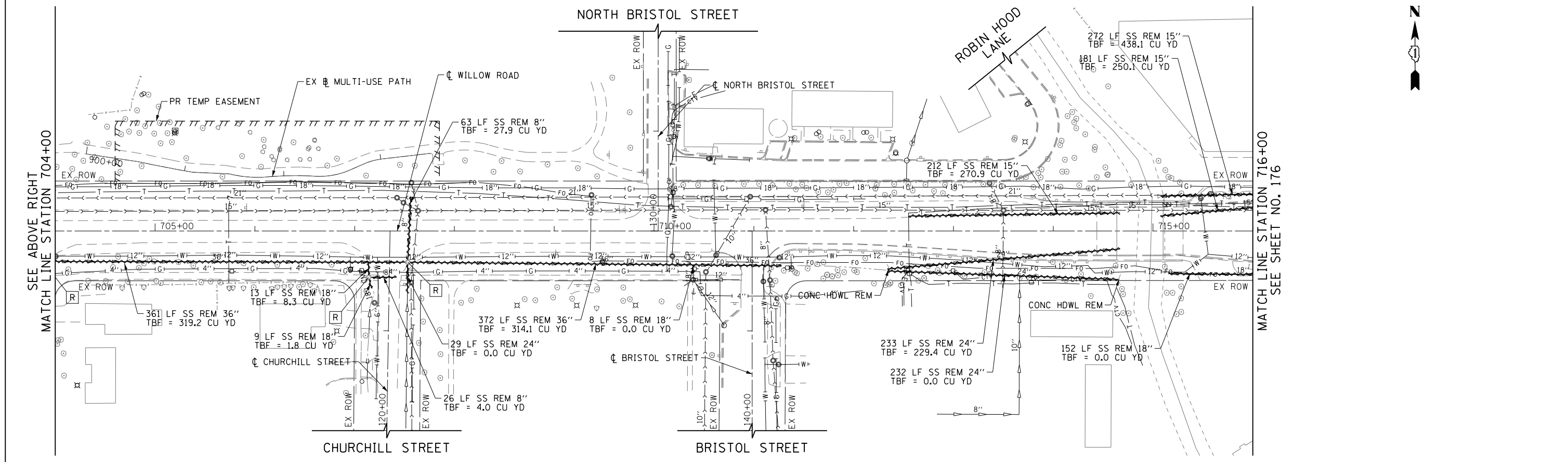
WILLOW ROAD DRAINAGE REMOVAL PLAN

SCALE: 1" = 50' SHEET NO. 174 OF 919 SHEETS STA. 672+00 TO STA. 693+00

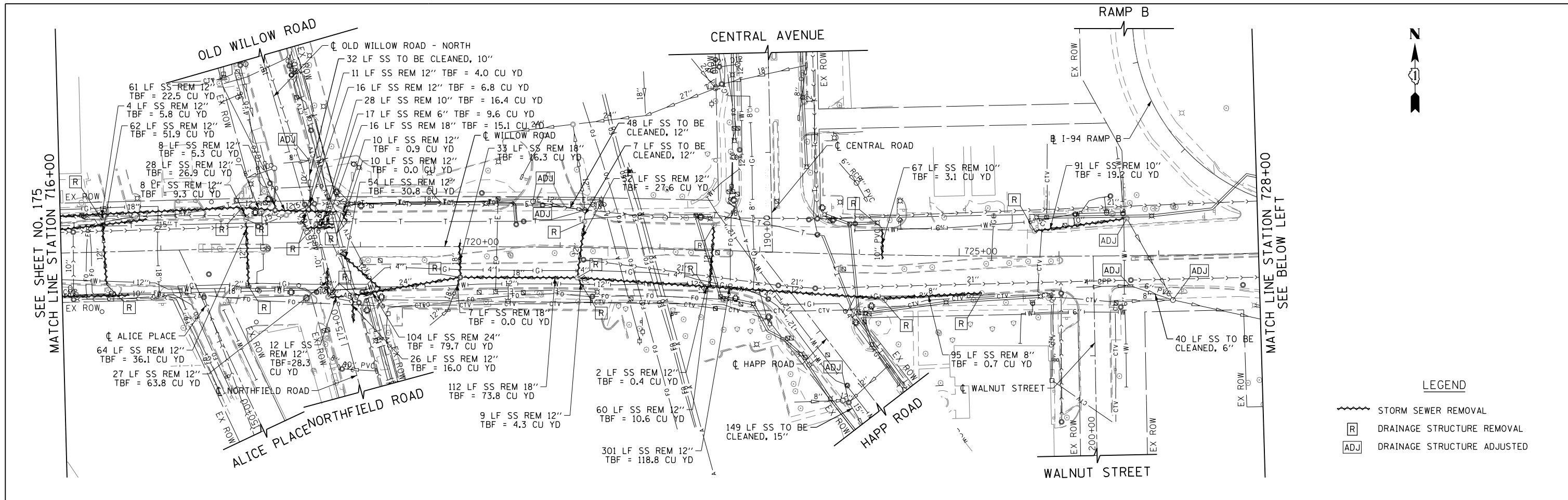
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	174
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



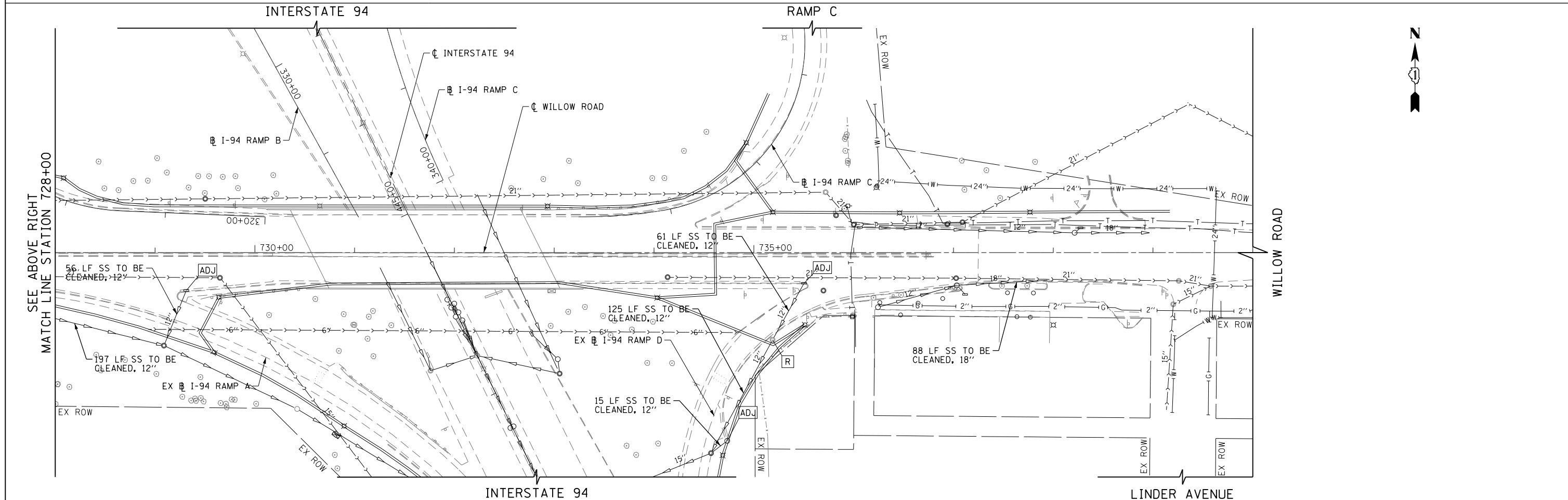
- LEGEND**
- STORM SEWER REMOVAL
 - DRAINAGE STRUCTURE REMOVAL
 - DRAINAGE STRUCTURE ADJUSTED



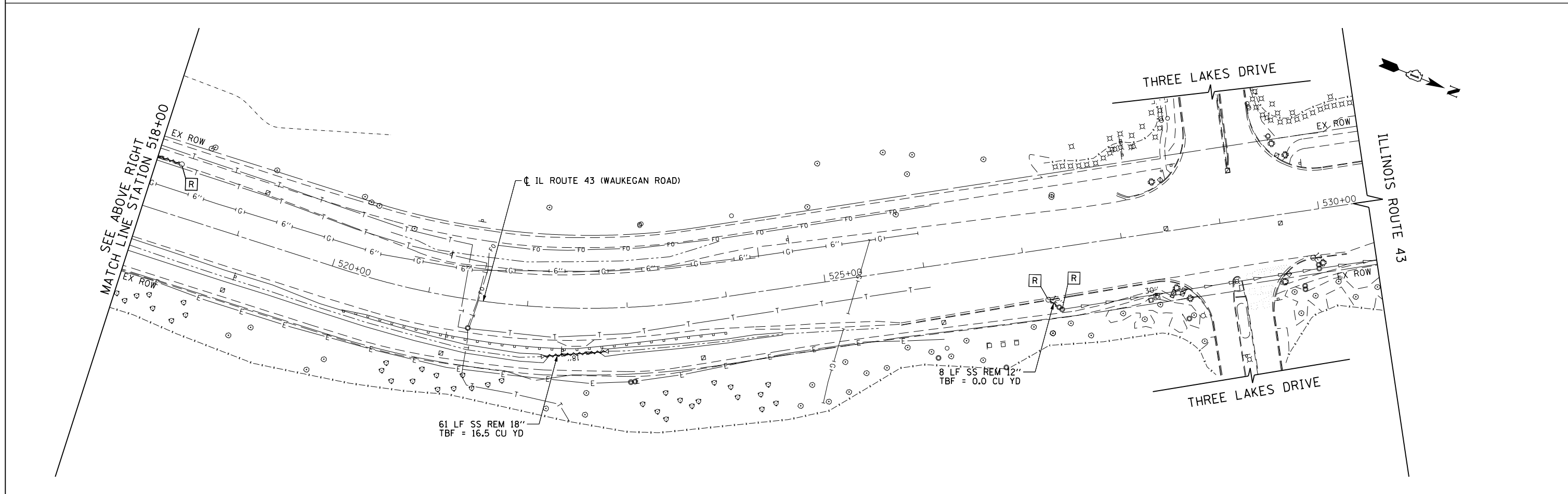
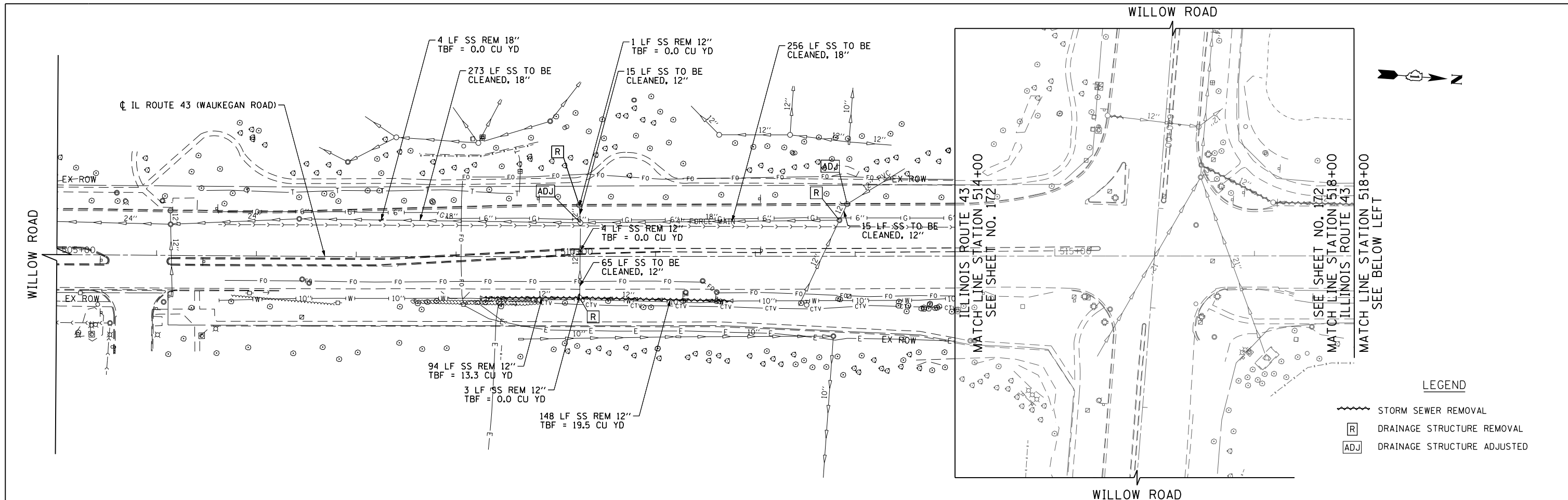
FILE NAME =	USER NAME = BAW\ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD DRAINAGE REMOVAL PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch11\0158\road\Sheets\0160T35-SHT-DR-REM-04.dgn		DRAWN - KAL	REVISED -		305	(1920.01,1518,2022&1922,4BR)	COOK	919	175			
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -		CONTRACT NO. 60T35							
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -		SCALE: 1" = 50'			SHEET NO. 175 OF 919 SHEETS	STA. 693+00	TO STA. 716+00	FED. ROAD DIST. NO. 1	ILLINOIS



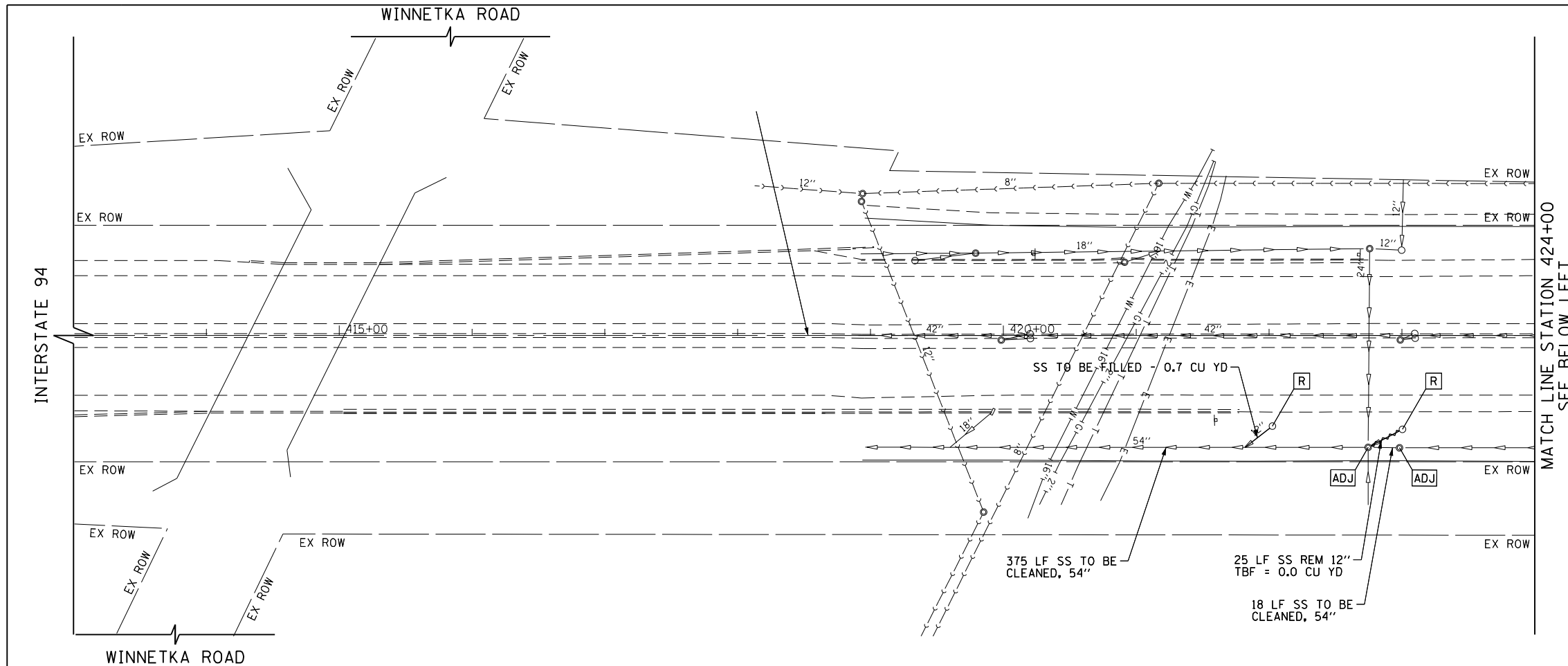
- LEGEND**
- STORM SEWER REMOVAL
 - DRAINAGE STRUCTURE REMOVAL
 - DRAINAGE STRUCTURE ADJUSTED



FILE NAME =	USER NAME = BAW\ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD DRAINAGE REMOVAL PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch11\0158\road\Sheets\0160135-SHT-DR-REM-05.dgn		DRAWN - KAL	REVISED -			305	(1920.01,1518,2022&1922.4)BR	COOK	919	176	
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

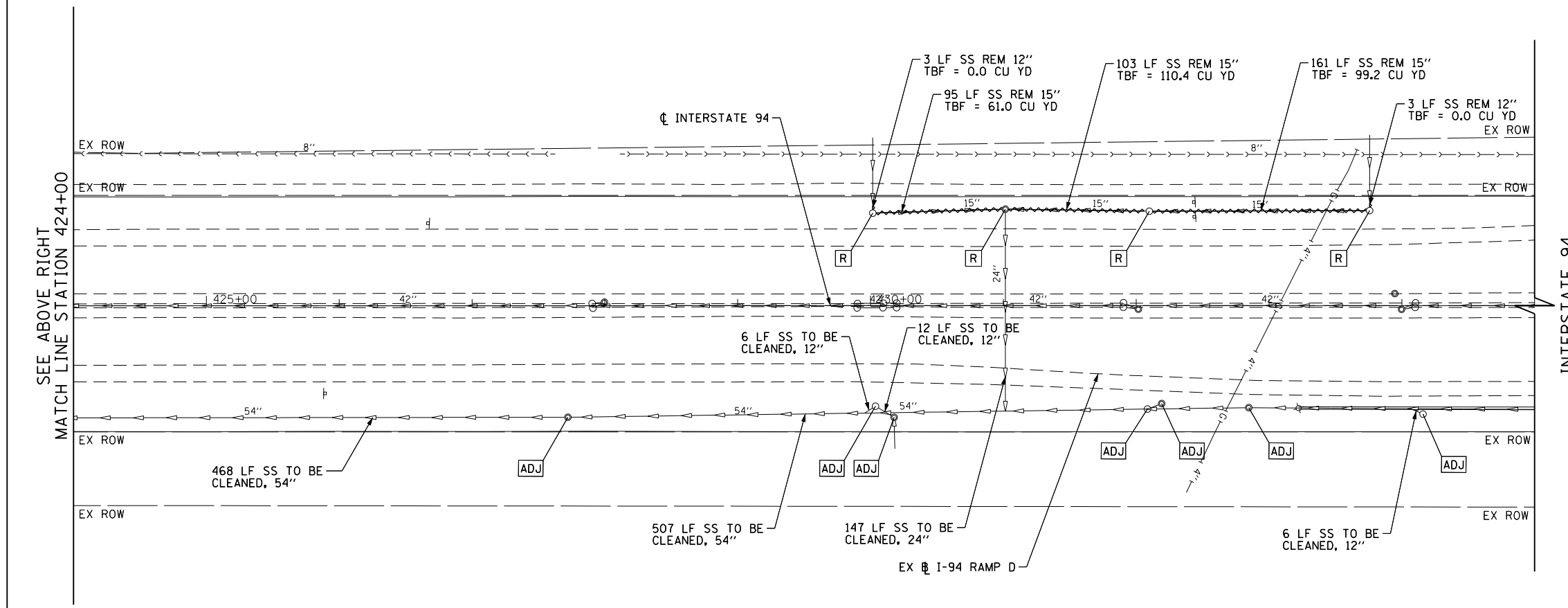


FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 43 DRAINAGE REMOVAL PLAN		F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch11\0158\road\Sheets\0160\35-SHT-DR-REM-07.dgn		DRAWN - KAL	REVISED -		SCALE: 1" = 50'	SHEET NO. 177 OF 919 SHEETS	STA. 505+00 TO STA. 530+50	305	(1920.01,1518,2022&1922.4)BR	COOK	919	177
		CHECKED - RCB	REVISED -		CONTRACT NO. 60T35							
		DATE - 10/31/2012	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



MATCH LINE STATION 424+00
SEE BELOW LEFT

- LEGEND**
- STORM SEWER REMOVAL
 - R DRAINAGE STRUCTURE REMOVAL
 - ADJ DRAINAGE STRUCTURE ADJUSTED



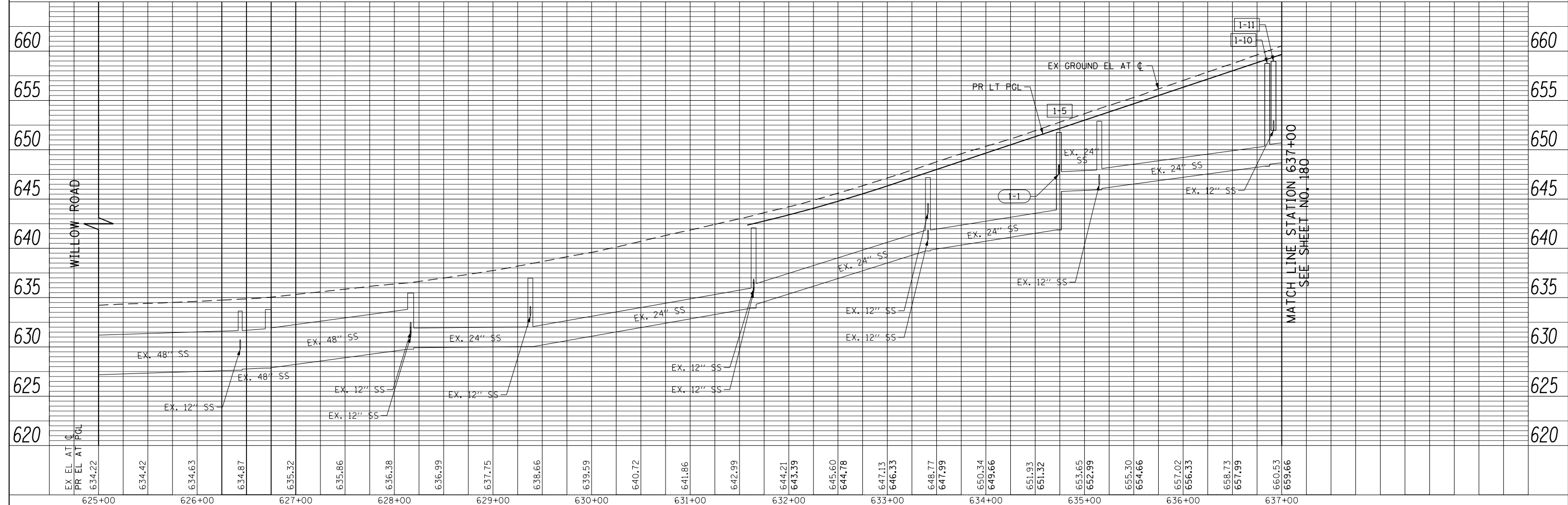
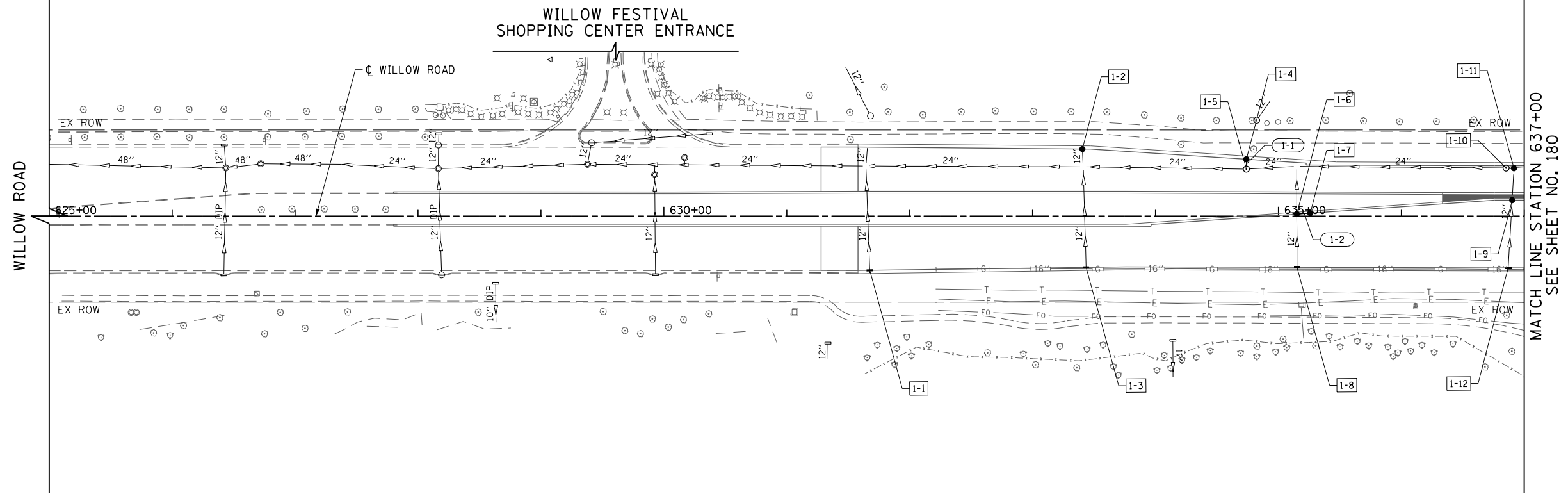
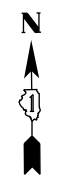
MATCH LINE STATION 424+00
SEE ABOVE RIGHT

FILE NAME =	USER NAME = BAW\rtort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE 94 DRAINAGE REMOVAL PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch11\0158\road\Sheets\0160\T35-SHT-DR-REM-10.dgn		DRAWN - KAL	REVISED -			305	(1920.01,1518,2022&1922.4)BR	COOK	919	178	
		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

SCALE: 1" = 50' SHEET NO. 178 OF 919 SHEETS STA. 413+00 TO STA. 435+00

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
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		CHECKED - RCB	REVISED -
		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

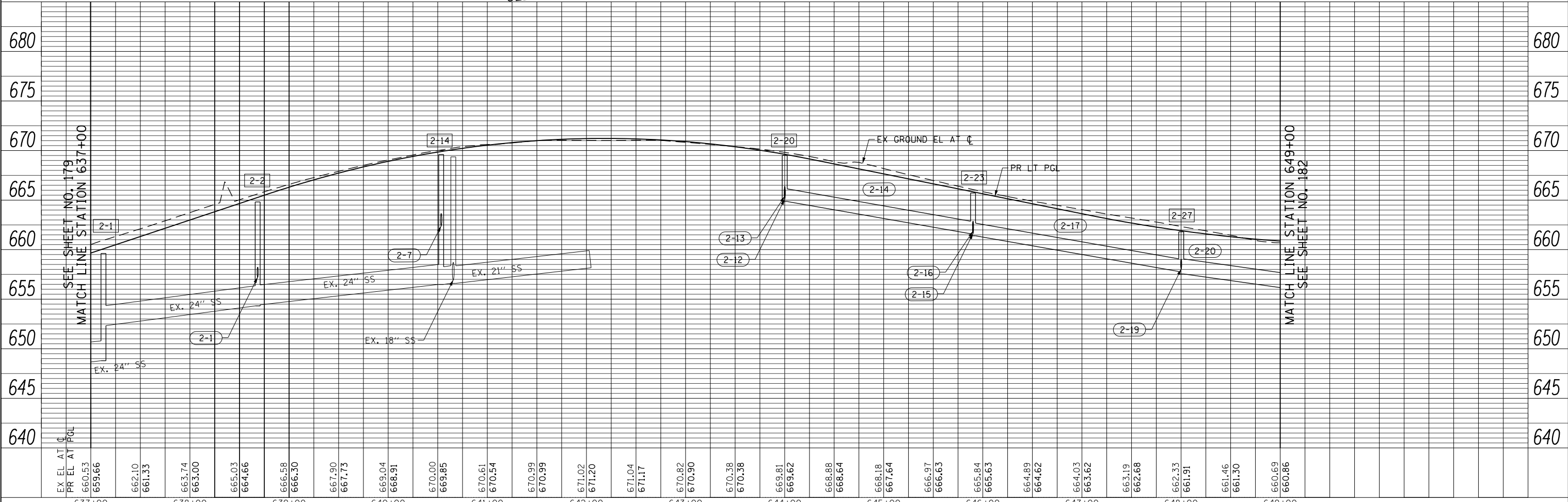
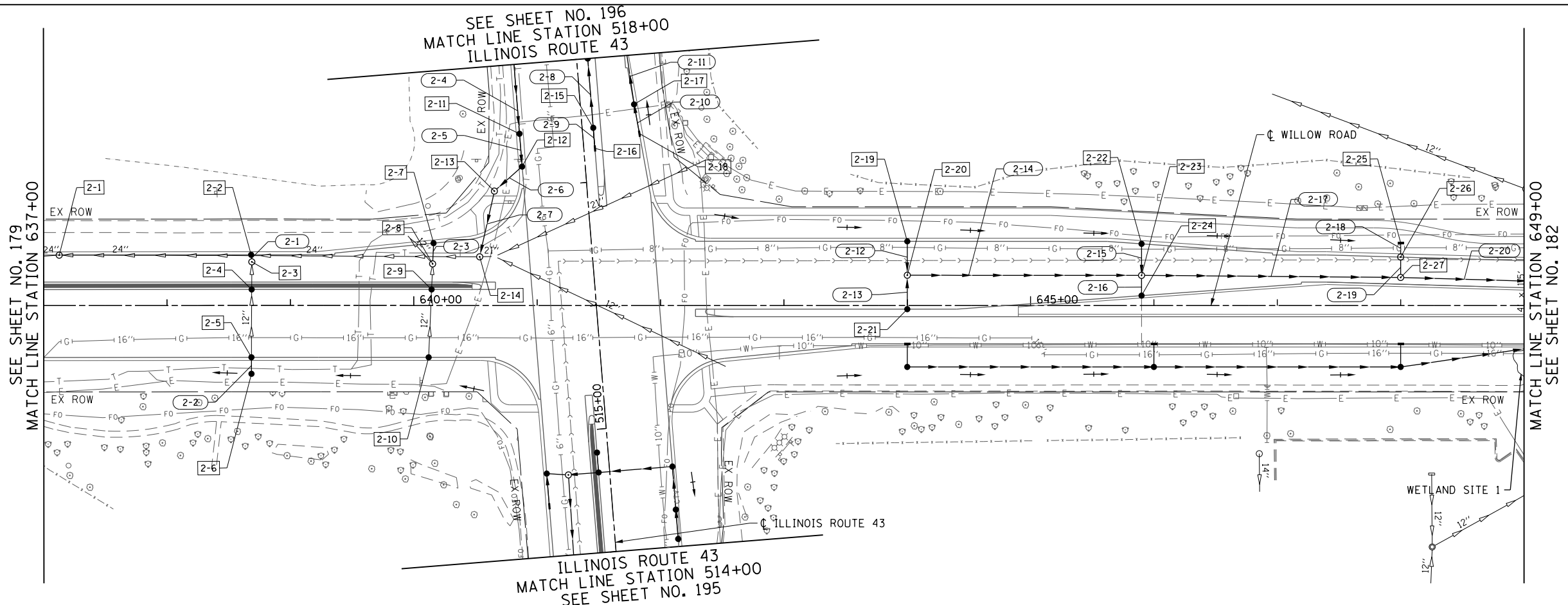
WILLOW ROAD DRAINAGE PLAN AND PROFILE

SCALE: HORIZ: 1"=50'
VERT: 1"=5'
SHEET NO. 179 OF 919 SHEETS
STA. 625+00 TO STA. 637+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	179
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CHECKED		
	ALIGNED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE		
	NOTATIONS CHKD		



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
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PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

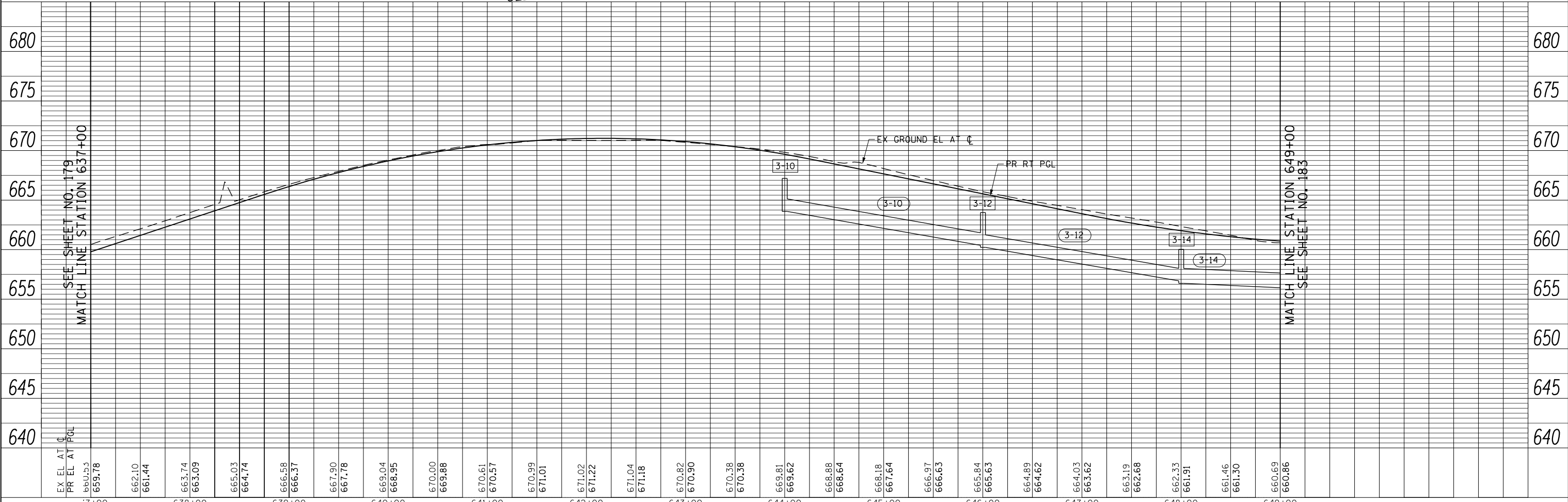
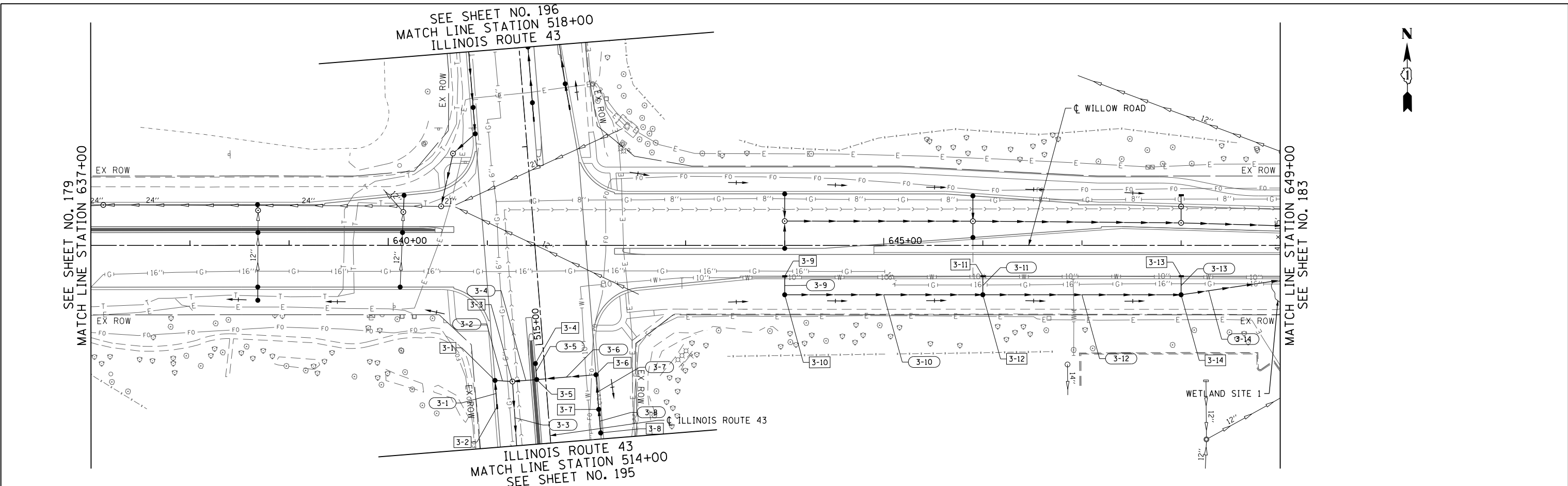
WILLOW ROAD DRAINAGE PLAN AND PROFILE

SCALE: HORIZ: 1"=50'
VERT: 1"=5'
SHEET NO. 180 OF 919 SHEETS
STA. 637+00 TO STA. 649+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	180
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	CAD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
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PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WILLOW ROAD DRAINAGE PLAN AND PROFILE

SCALE: HORIZ: 1"=50'
VERT: 1"=5'

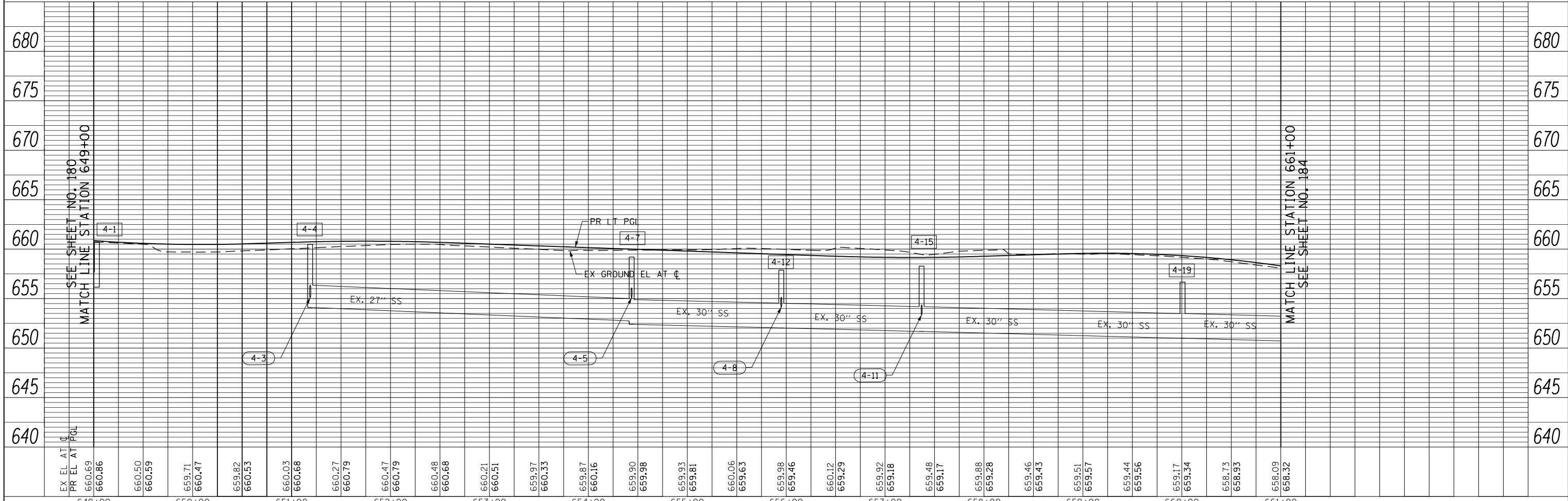
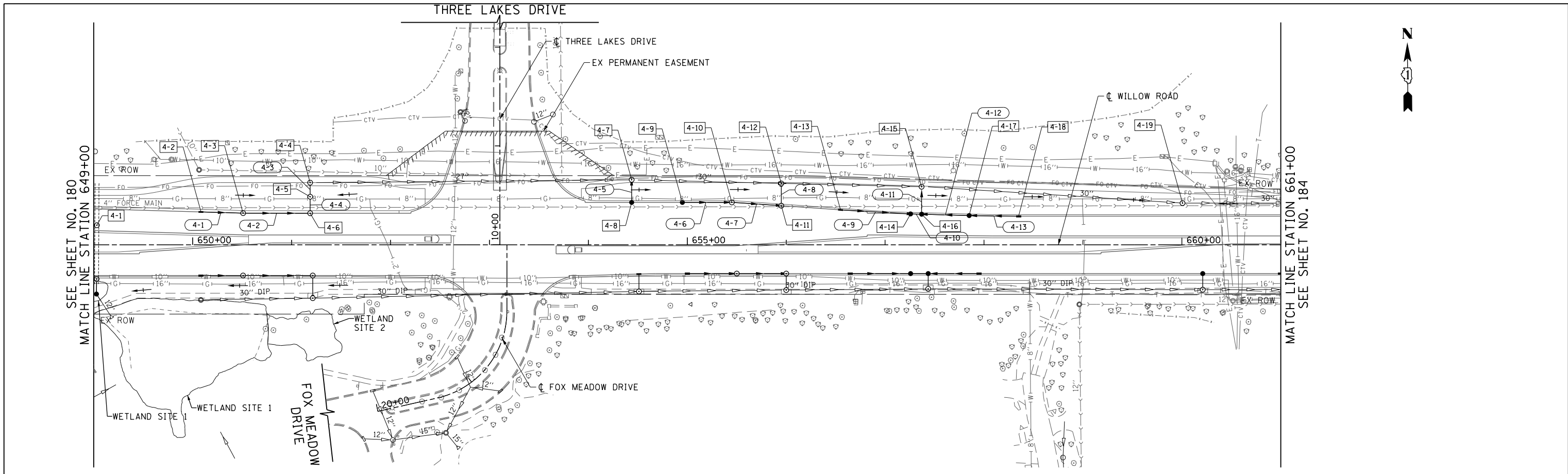
SHEET NO. 181 OF 919 SHEETS

STA. 637+00 TO STA. 649+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	181
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

PLAN	SURVEYED	BY	DATE
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	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
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PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

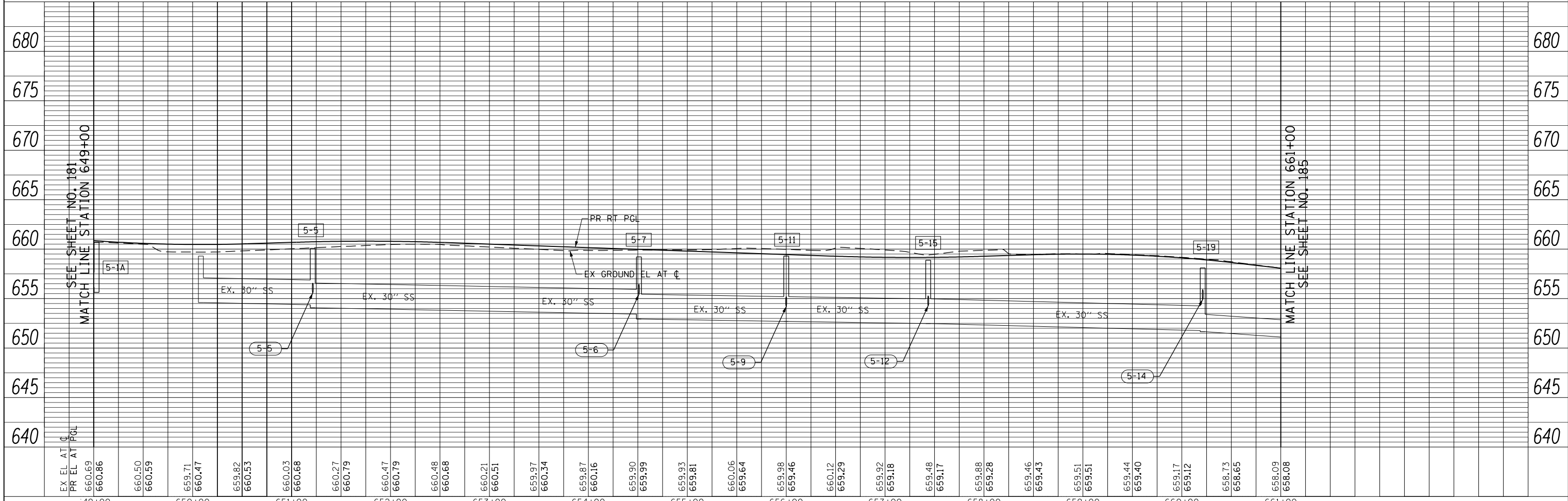
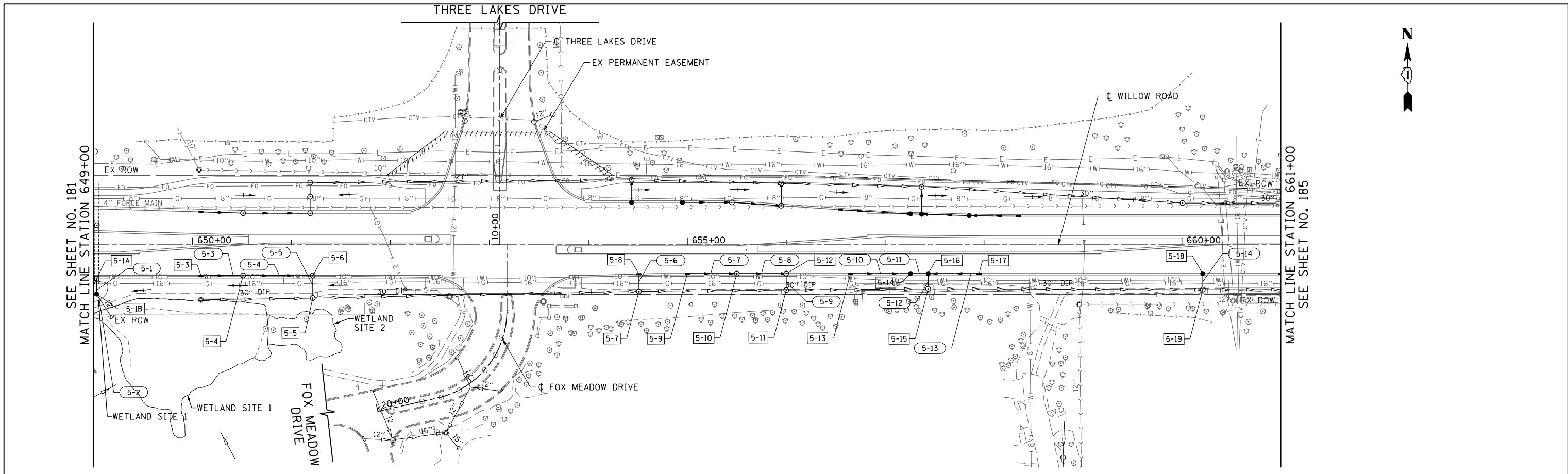
WILLOW ROAD DRAINAGE PLAN AND PROFILE

SCALE: HORIZ: 1"=50'
VERT: 1"=5'
SHEET NO. 182 OF 919 SHEETS
STA. 649+00 TO STA. 661+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	182
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
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	FILE NAME _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO. _____		



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
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		CHECKED - RCB	REVISED -
		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLOW ROAD DRAINAGE PLAN AND PROFILE

SCALE: HORIZ: 1"=50'
VERT: 1"=5'

SHEET NO. 183 OF 919 SHEETS STA. 649+00 TO STA. 661+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	183
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

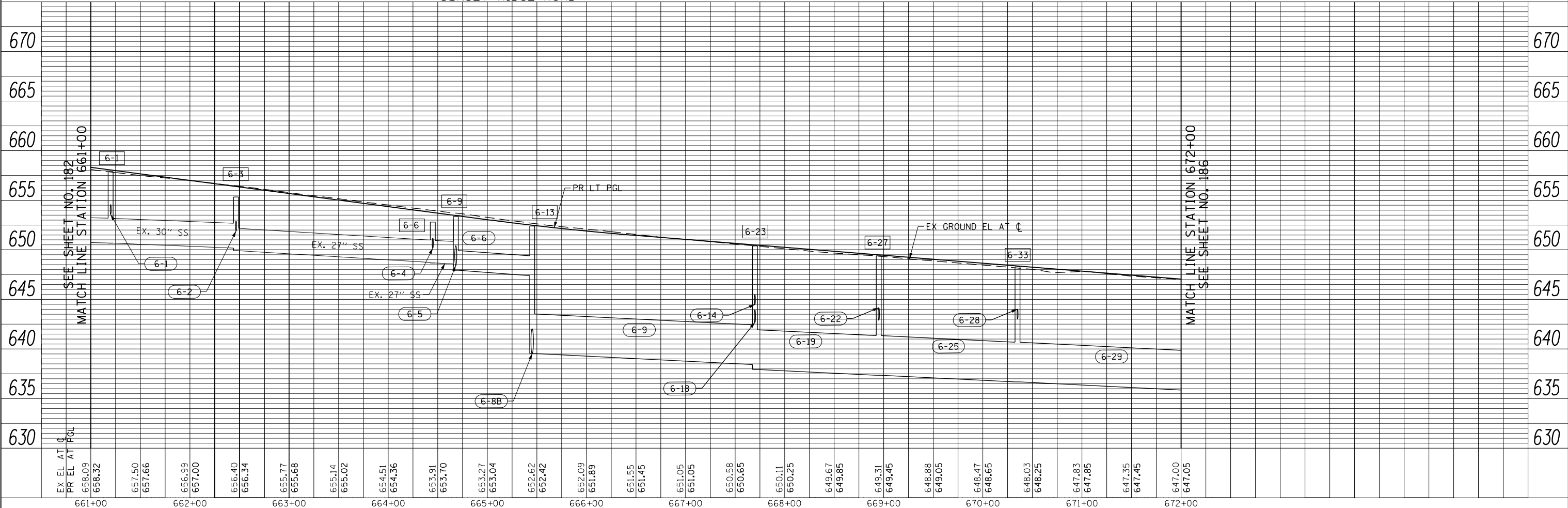
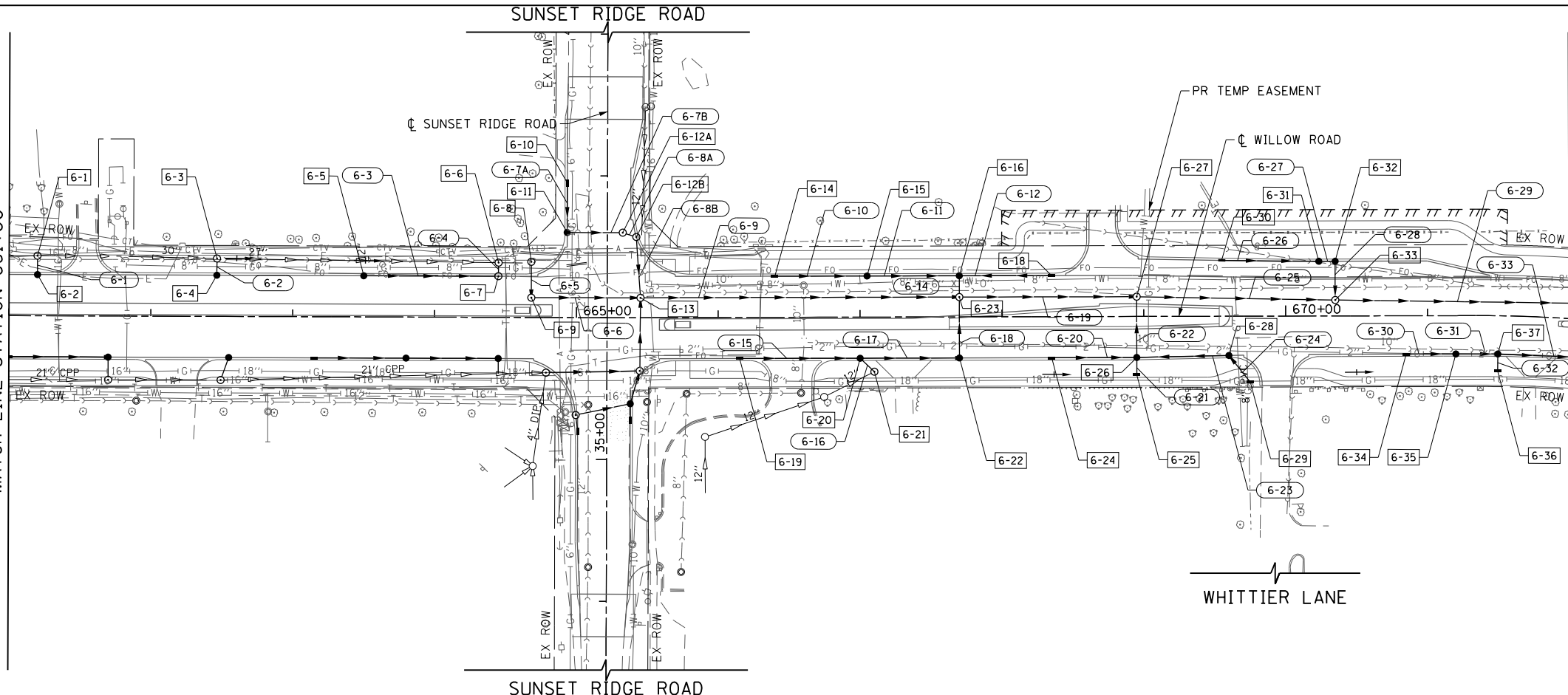
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	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS CHK'D		
	NO.		



SEE SHEET NO. 182
MATCH LINE STATION 661+00

MATCH LINE STATION 672+00
SEE SHEET NO. 186



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
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PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WILLOW ROAD DRAINAGE PLAN AND PROFILE

SCALE: HORIZ: 1"=50'
VERT: 1"=5'

SHEET NO. 184 OF 919 SHEETS STA. 661+00 TO STA. 672+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	184
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

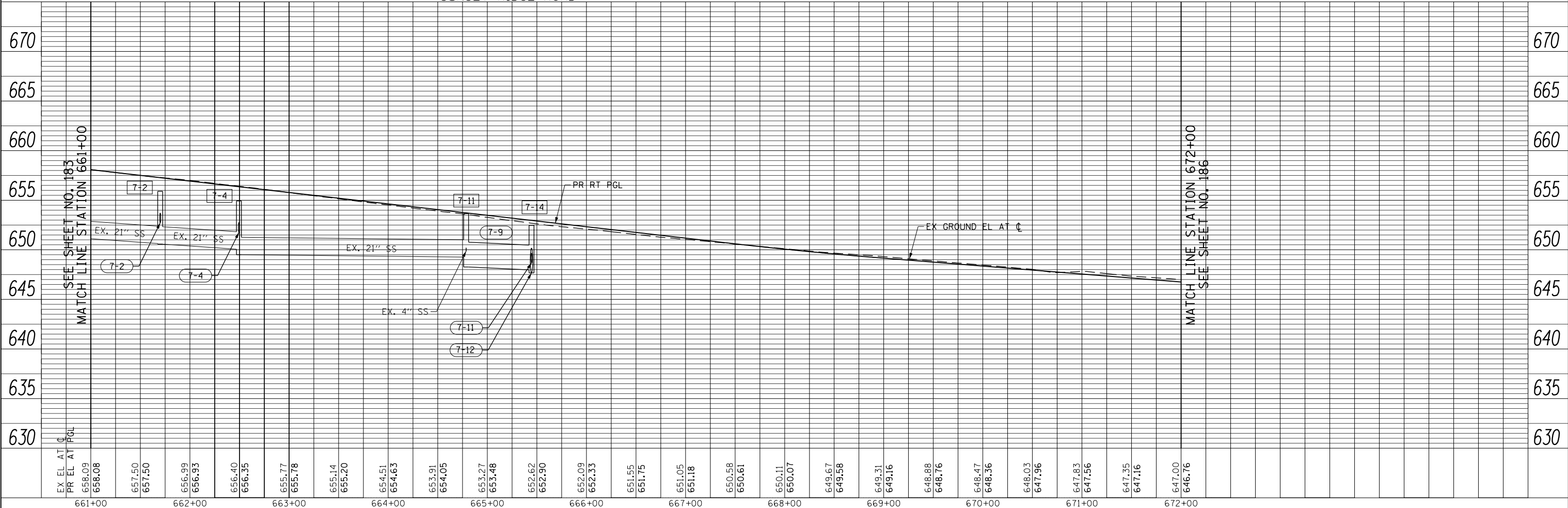
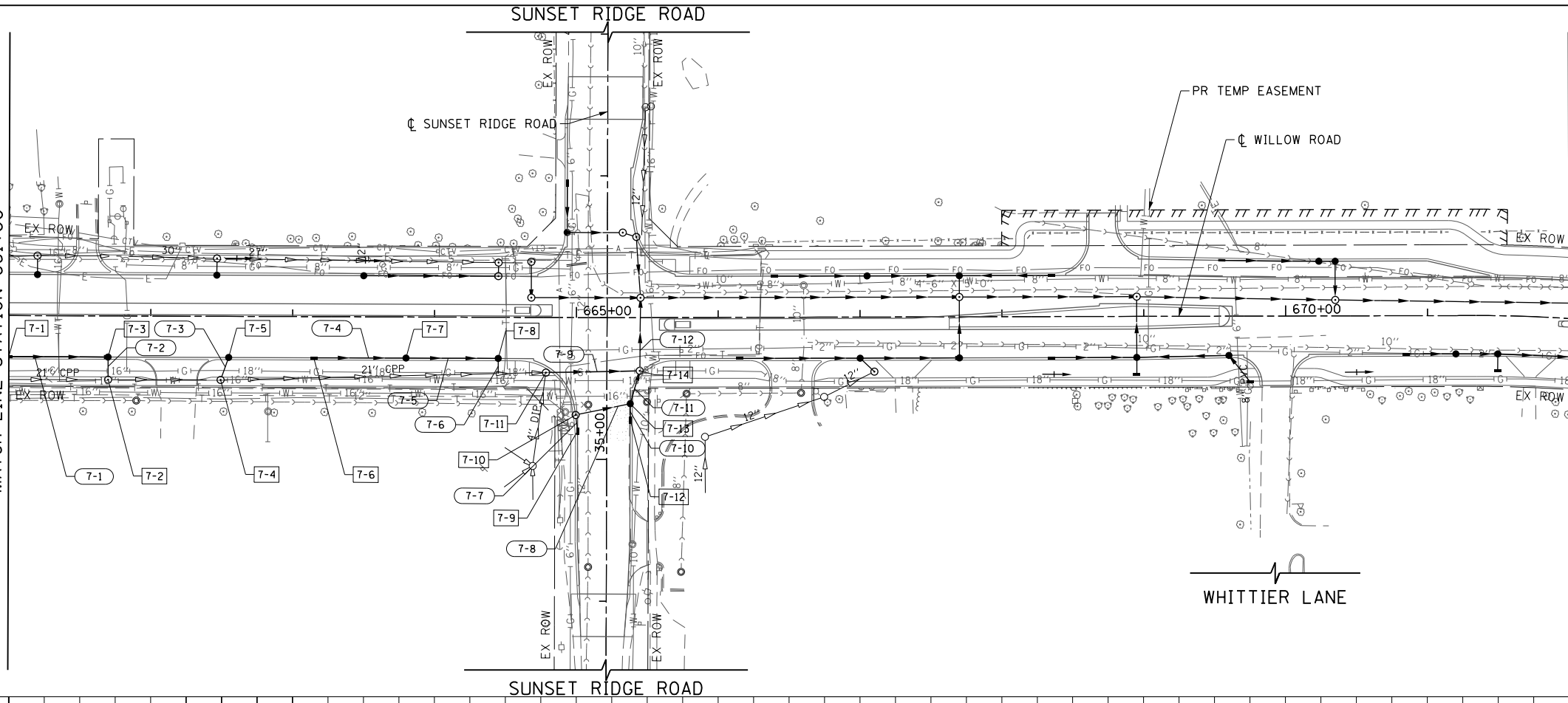
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	ALIGNED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		



SEE SHEET NO. 183
MATCH LINE STATION 661+00

MATCH LINE STATION 672+00
SEE SHEET NO. 186



EX EL AT C	PR EL AT PGL	661+00	662+00	663+00	664+00	665+00	666+00	667+00	668+00	669+00	670+00	671+00	672+00
658.09	658.08												
657.50	657.50												
656.99	656.93												
656.40	656.35												
655.77	655.78												
655.14	655.20												
654.51	654.63												
653.91	654.05												
653.27	653.48												
652.62	652.90												
652.09	652.33												
651.55	651.75												
651.05	651.18												
650.58	650.61												
650.11	650.07												
649.67	649.58												
649.31	649.16												
648.88	648.76												
648.47	648.36												
648.03	647.96												
647.83	647.56												
647.35	647.16												
647.00	646.76												

MATCH LINE STATION 672+00
SEE SHEET NO. 186

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLOW ROAD DRAINAGE PLAN AND PROFILE

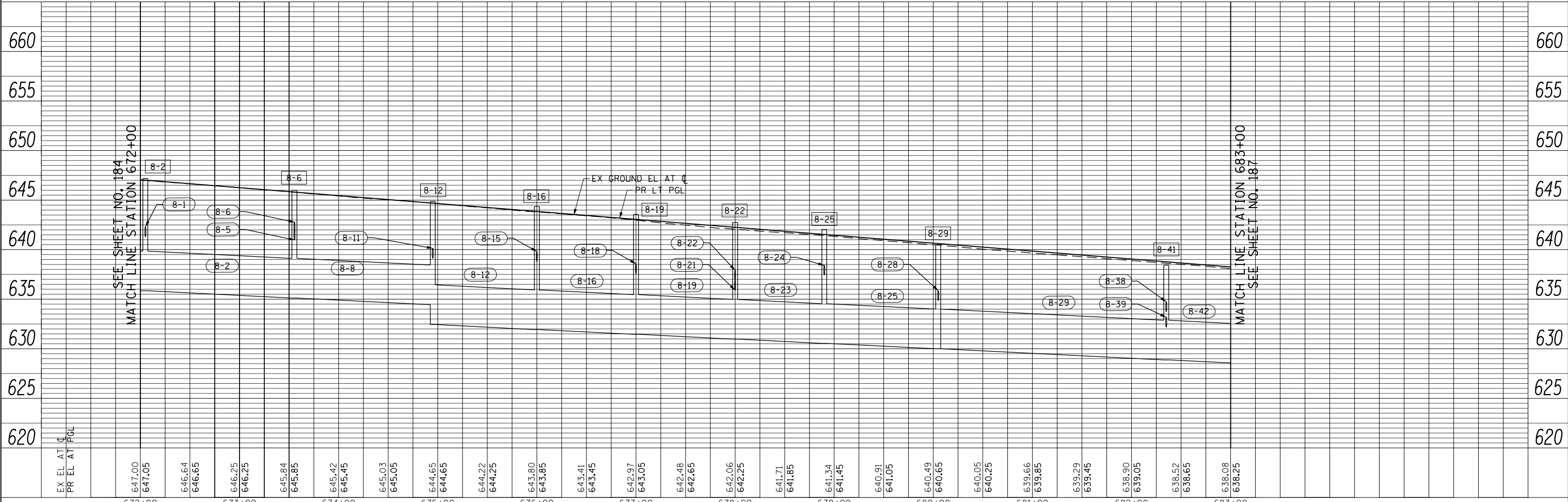
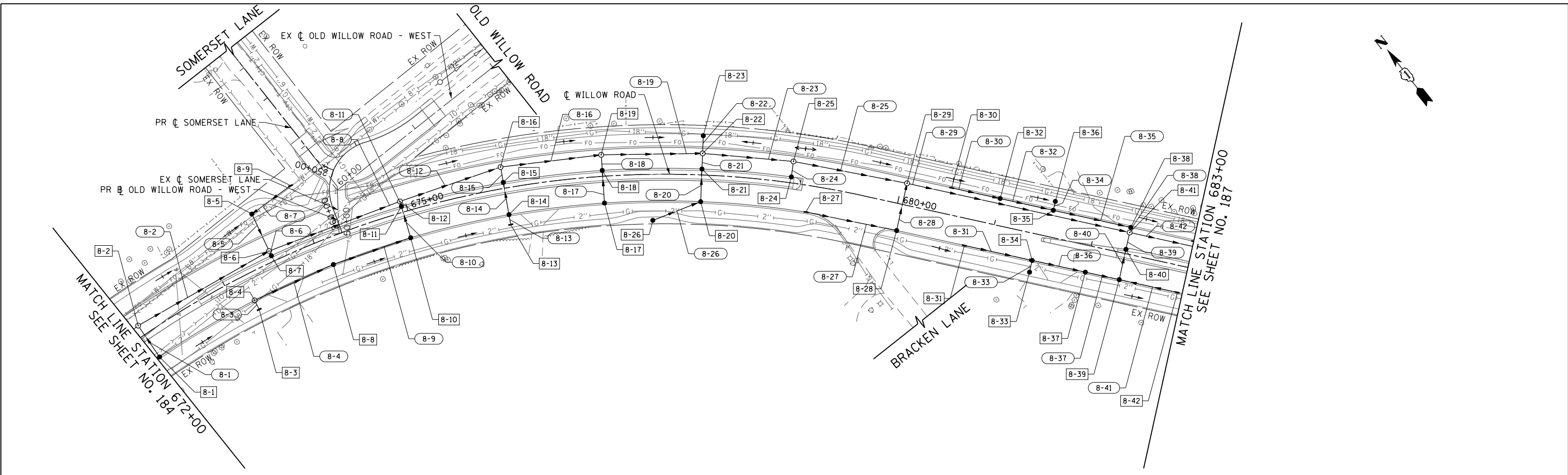
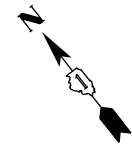
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	185
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: HORIZ: 1"=50'
VERT: 1"=5'
SHEET NO. 185 OF 919 SHEETS
STA. 661+00 TO STA. 672+00

FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
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PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
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		CHECKED - RCB	REVISED -
		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

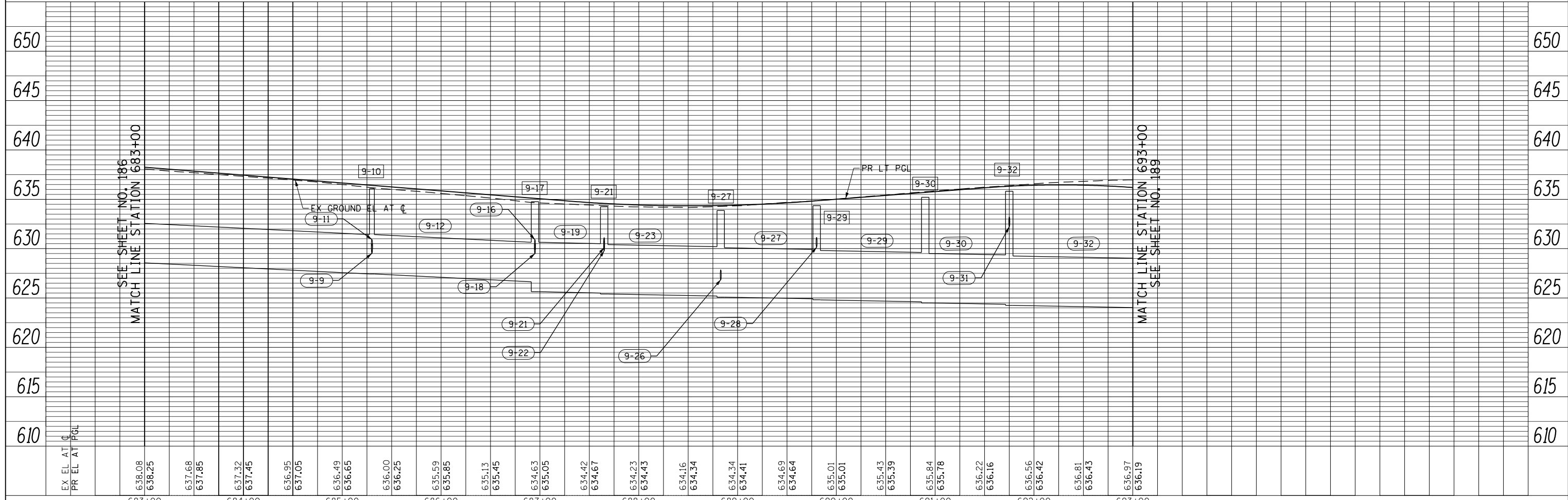
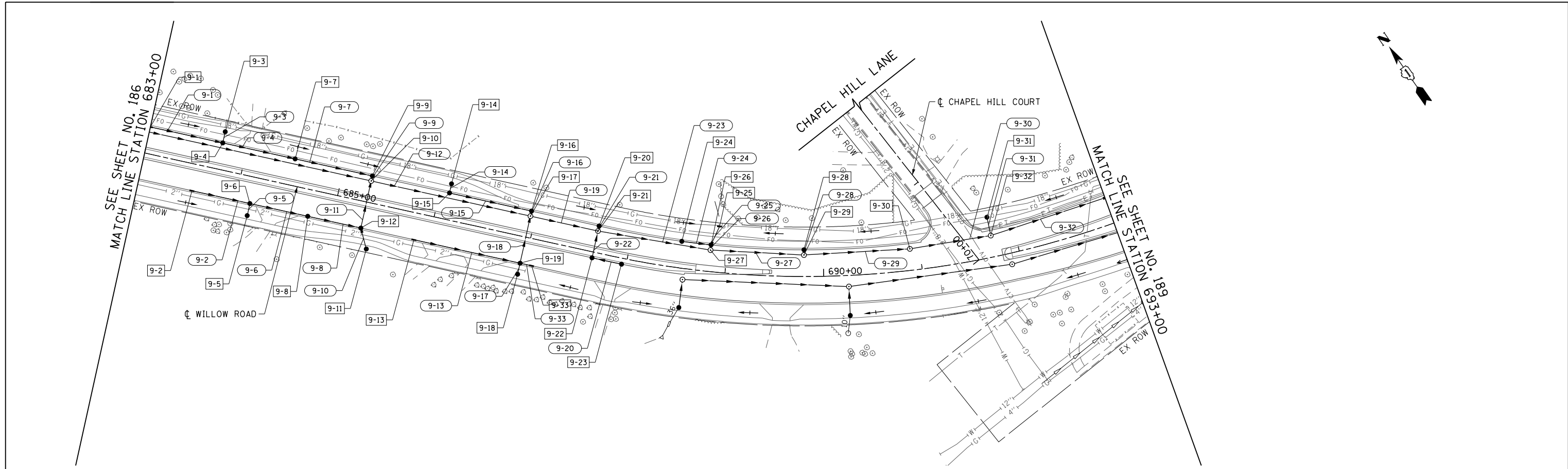
WILLOW ROAD DRAINAGE PLAN AND PROFILE

SCALE: HORIZ: 1"=50' VERT: 1"=5' SHEET NO. 186 OF 919 SHEETS STA. 672+00 TO STA. 683+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	186
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
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PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

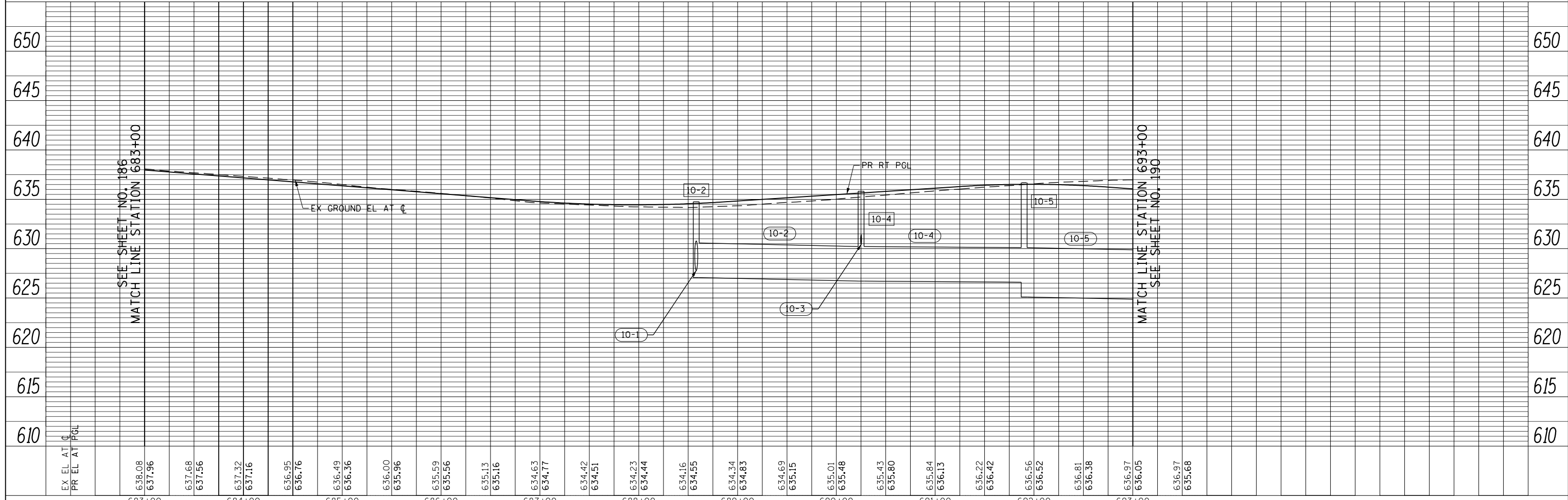
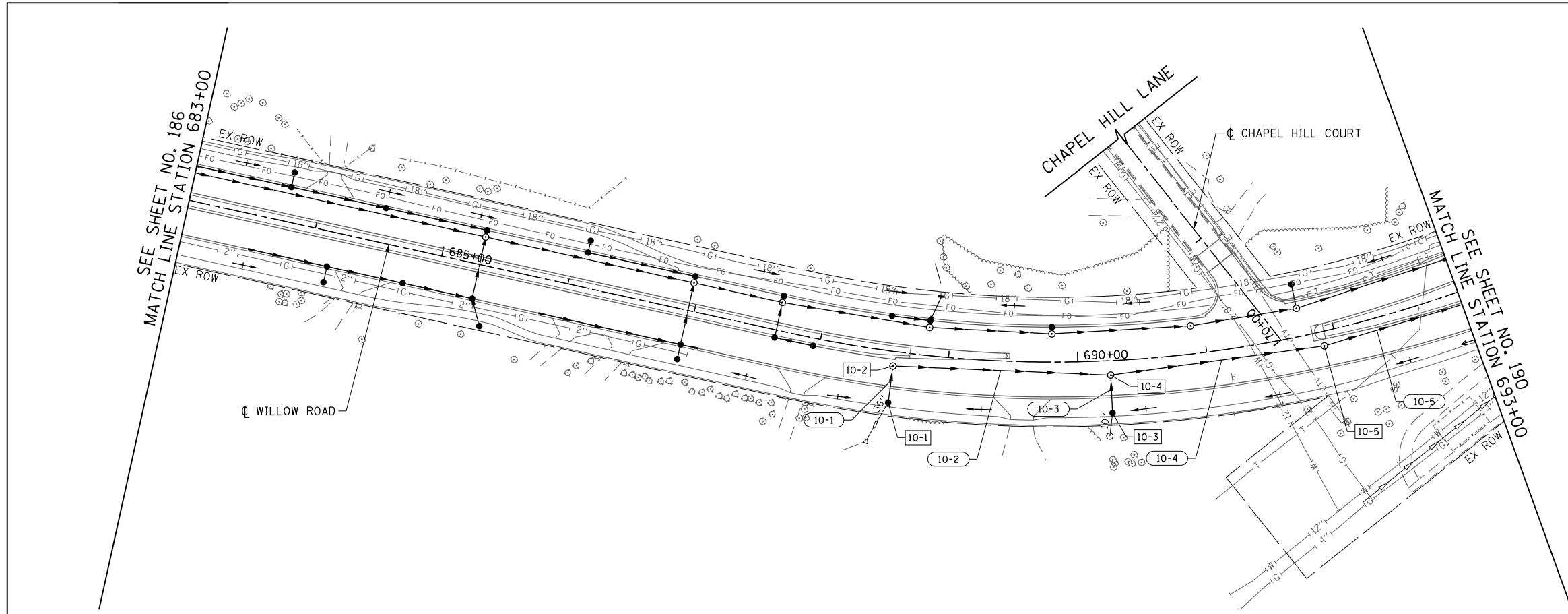
WILLOW ROAD DRAINAGE PLAN AND PROFILE

SCALE: HORIZ: 1"=50' VERT: 1"=5' SHEET NO. 187 OF 919 SHEETS STA. 683+00 TO STA. 693+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	187
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
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PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

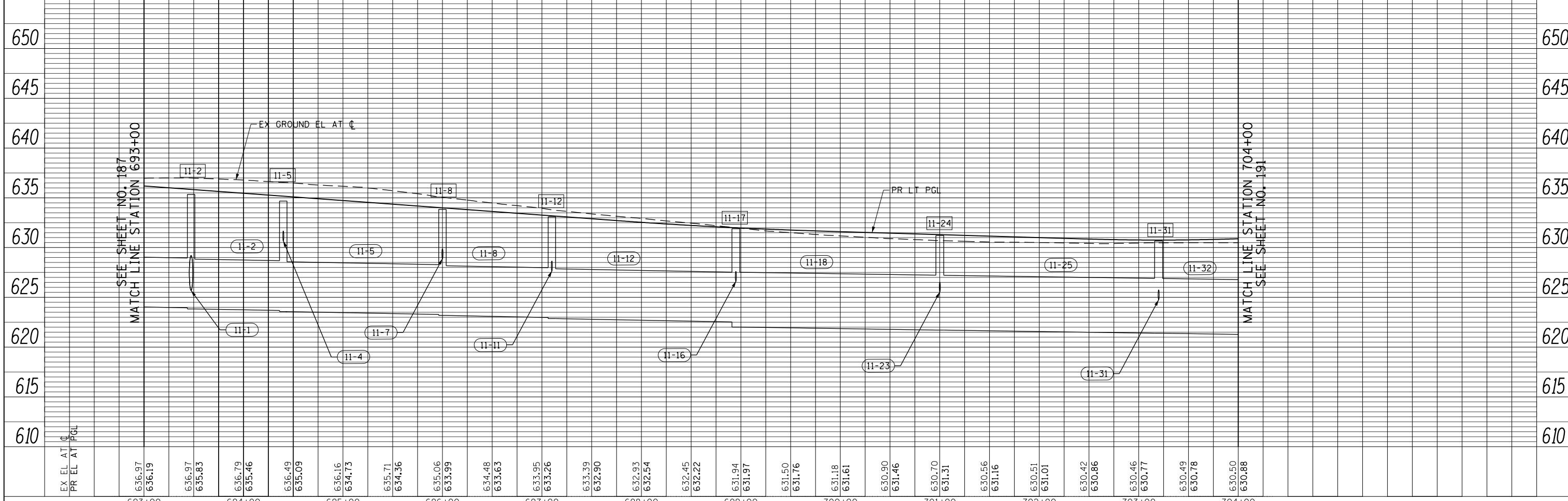
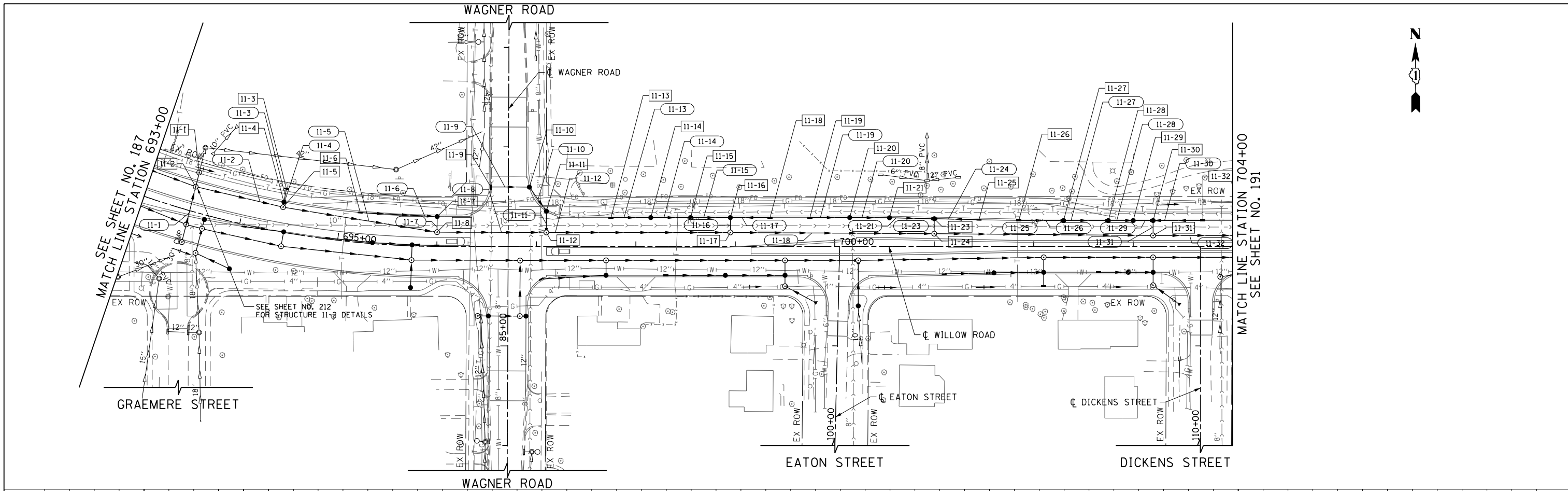
WILLOW ROAD DRAINAGE PLAN AND PROFILE

SCALE: HORIZ: 1"=50' VERT: 1"=5' SHEET NO. 188 OF 919 SHEETS STA. 683+00 TO STA. 693+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	188
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		

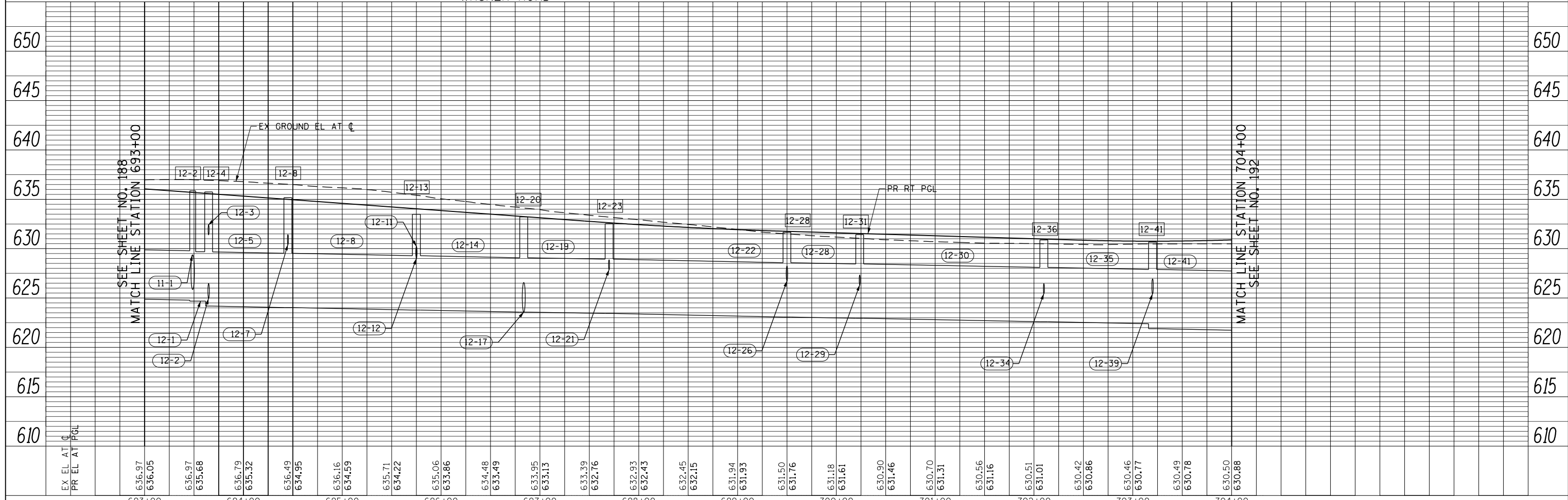
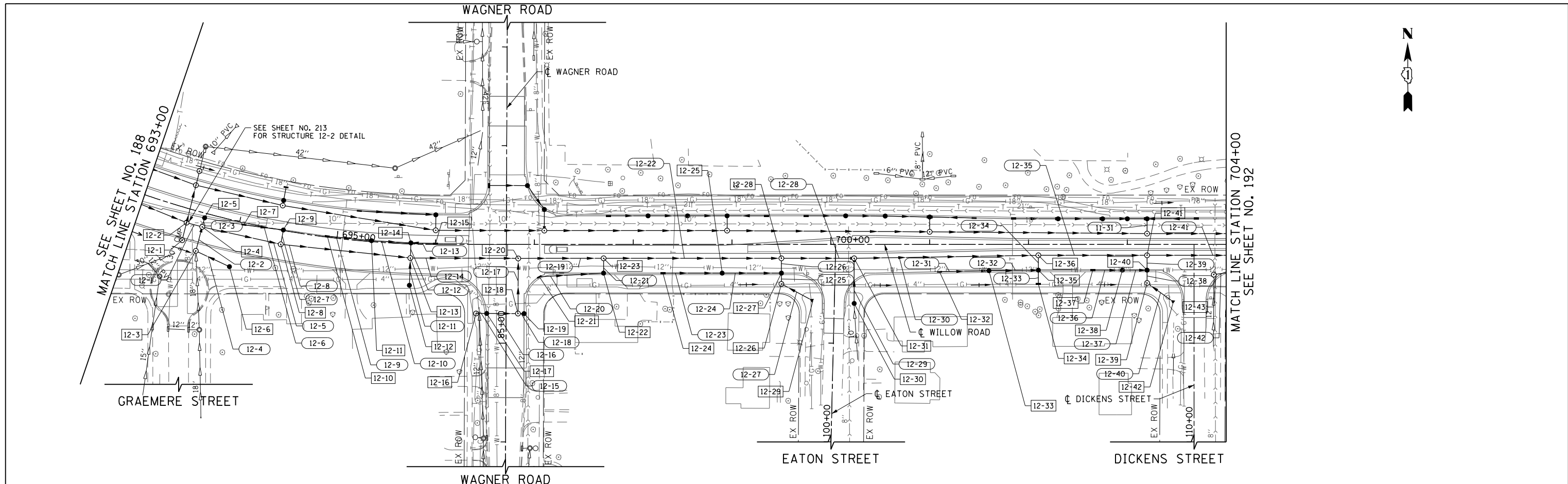


FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD DRAINAGE PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch11\0158\road\Sheets\1160T35-SHT-DRAIN-11.dgn		DRAWN - KAL	REVISED -			305	(1920.01,1518,2022&1922.4)BR	COOK	919	189	
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

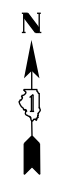
SCALE: HORIZ: 1"=50'
 VERT: 1"=5'
 SHEET NO. 189 OF 919 SHEETS STA. 693+00 TO STA. 704+00

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	APPROVED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

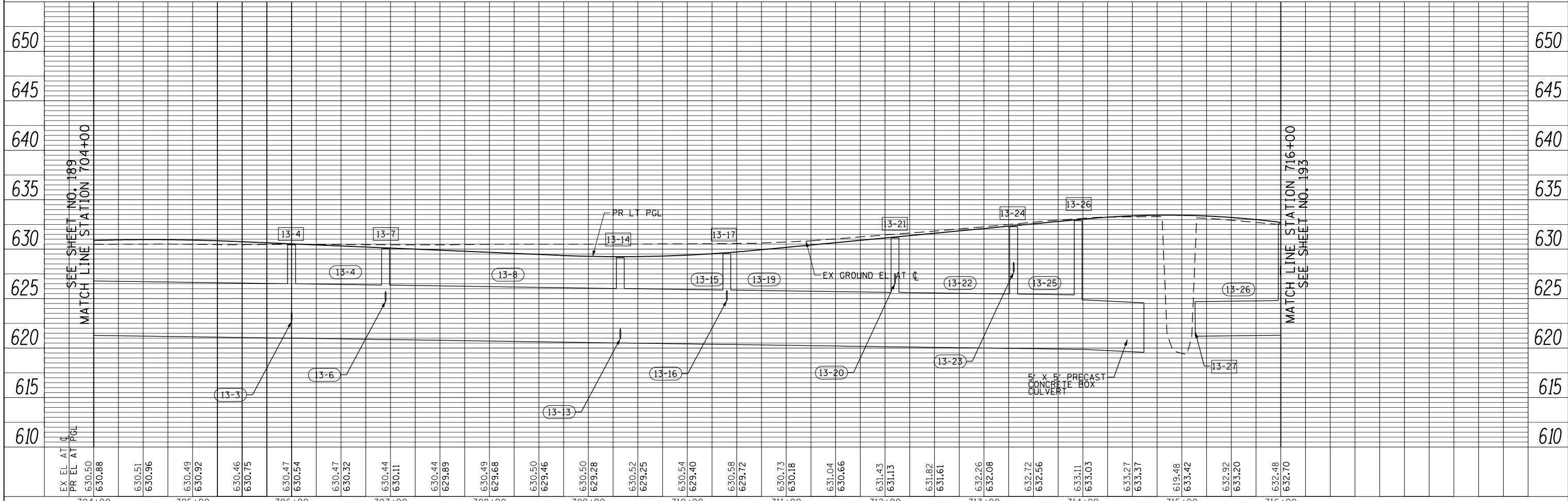
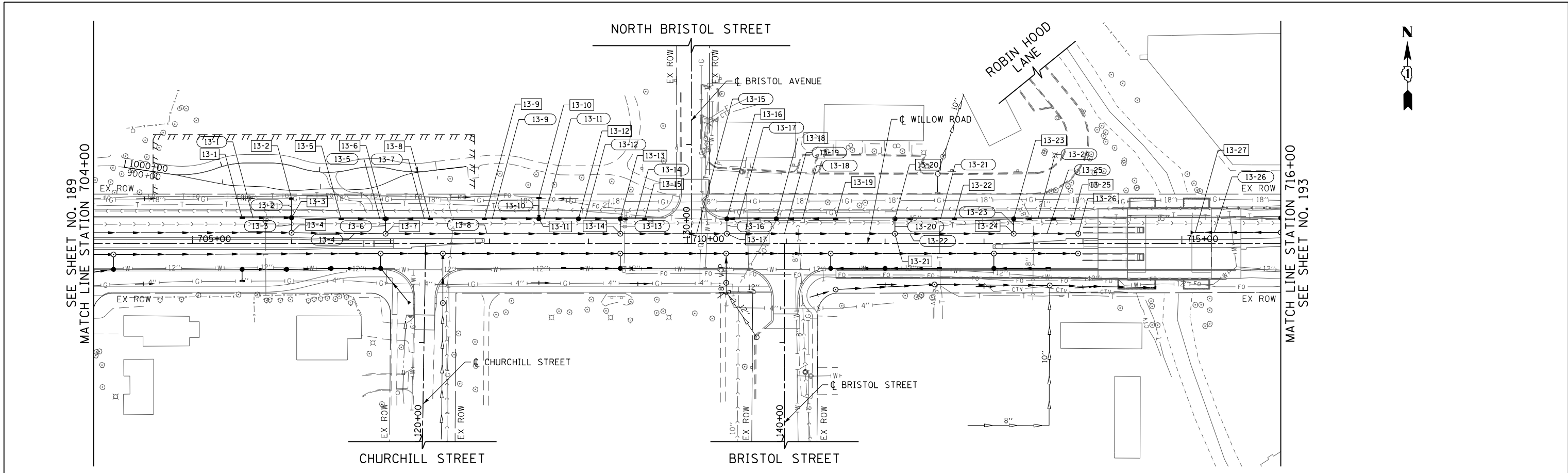


FILE NAME =	USER NAME = BAW:tort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD DRAINAGE PLAN AND PROFILE	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\ch1\10158\road\Sheets\160135-SHT-DRAIN-12.dgn		DRAWN - KAL	REVISED -			305	(1920.01,1518,2022&1922.4)BR	COOK	919	190
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35				
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		

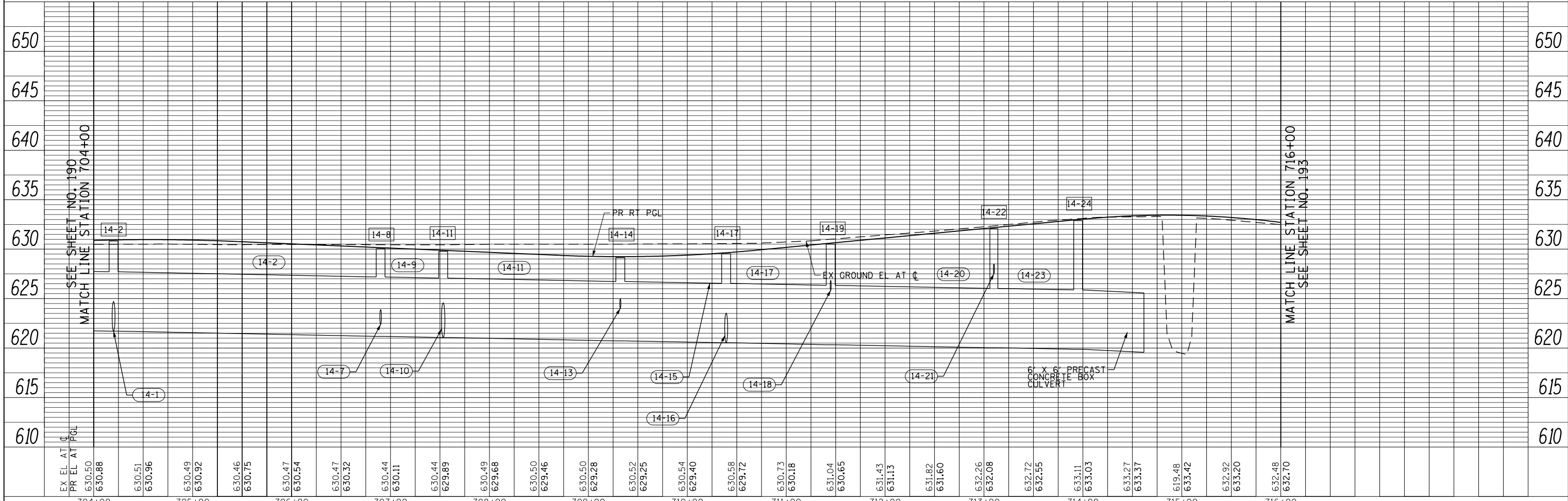
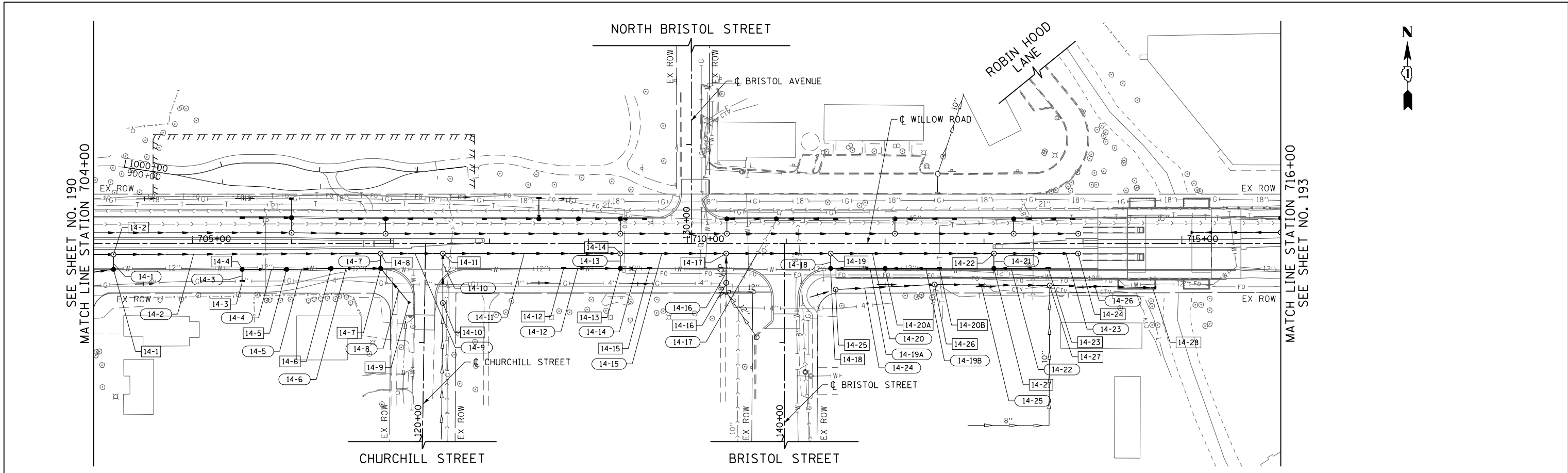


FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD DRAINAGE PLAN AND PROFILE	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\ch11\158\road\Sheets\160135-SHT-DRAIN-13.dgn	DRAWN - KAL	REVISED -	305			(1920.01,1518,2022&1922.4)BR	COOK	919	191	
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -	CONTRACT NO. 60T35							
PLOT DATE = 11/28/2012	DATE - 10/31/2012	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

SCALE: HORIZ: 1"=50'
 VER: 1"=5'
 SHEET NO. 191 OF 919 SHEETS STA. 704+00 TO STA. 716+00

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		

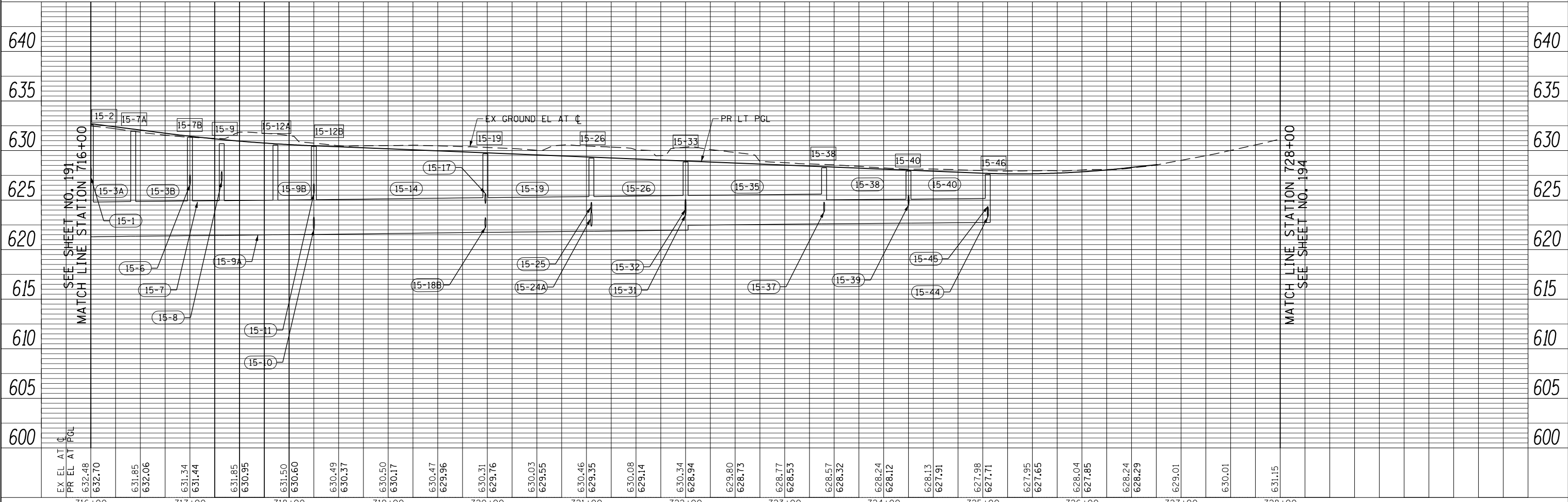
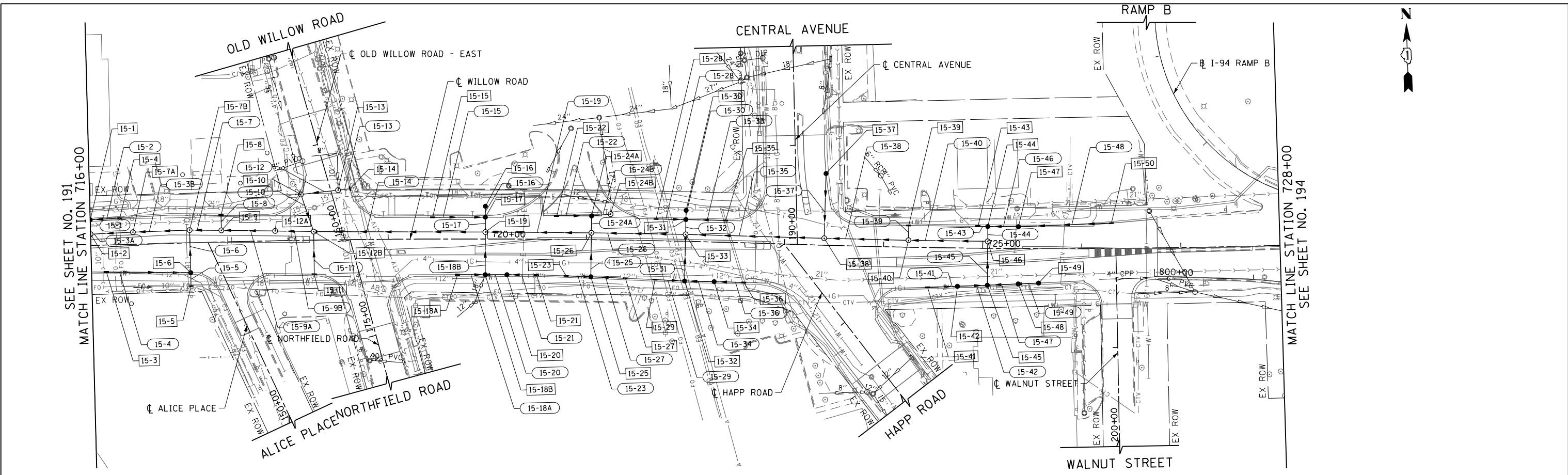


FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD DRAINAGE PLAN AND PROFILE	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch11\0158\road\Sheets\160T35-SHT-DRAIN-14.dgn		DRAWN - KAL	REVISED -			305	(1920.01,1518,2022&1922.4)BR	COOK	919	192	
PLOT SCALE = 100.001' / in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	CHECKED	
	FILED	
	NO.	



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD DRAINAGE PLAN AND PROFILE	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch11\0158\road\Sheets\DI60T35-SHT-DRAIN-15.dgn		DRAWN - KAL	REVISED -			305	(1920.01,1518,2022&1922.4)BR	COOK	919	193	
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

EX EL AT C
PR EL AT PGL
632.48
632.70
631.85
632.06
631.34
631.44
631.85
630.95
631.50
630.60
630.49
630.37
630.50
630.17
630.47
629.96
630.31
629.76
630.03
629.55
630.46
629.35
630.08
629.14
630.34
628.94
629.80
628.73
628.77
628.53
628.57
628.32
628.24
628.12
628.13
627.91
627.98
627.71
627.95
627.65
628.04
627.85
628.24
628.29
629.01
630.01
631.15

716+00 717+00 718+00 719+00 720+00 721+00 722+00 723+00 724+00 725+00 726+00 727+00 728+00

SEE SHEET NO. 191
MATCH LINE STATION 716+00

SEE SHEET NO. 194
MATCH LINE STATION 728+00

SCALE: HORIZ: 1"=50'
VERT: 1"=5'

SHEET NO. 193 OF 919 SHEETS

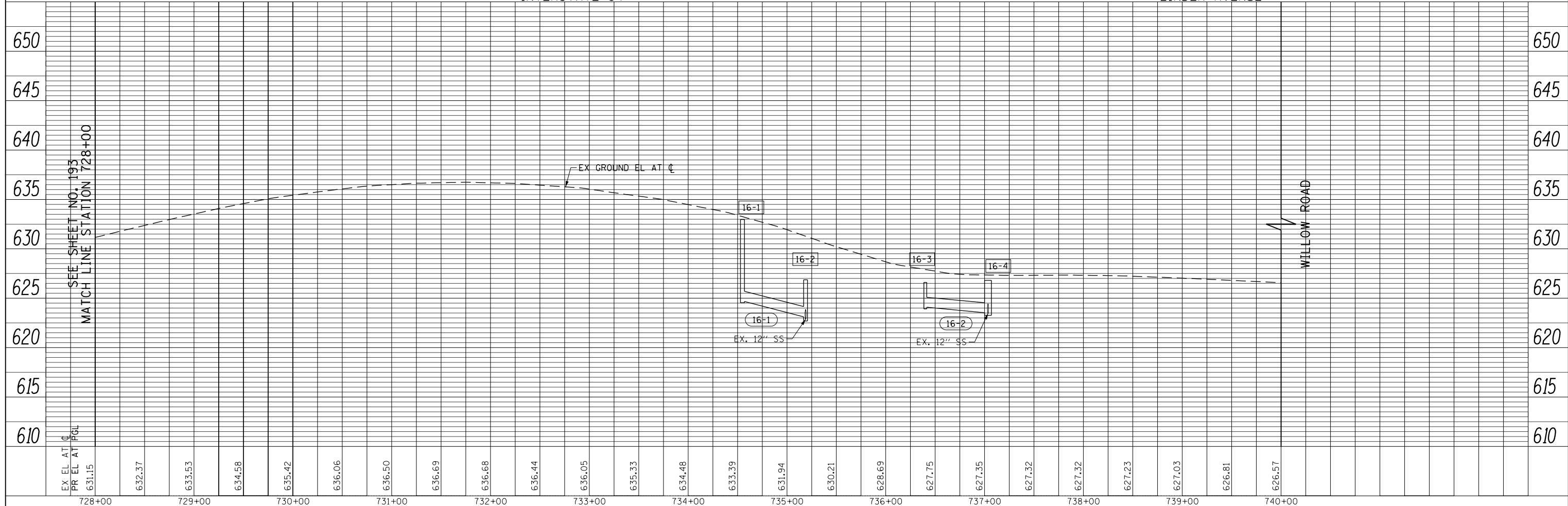
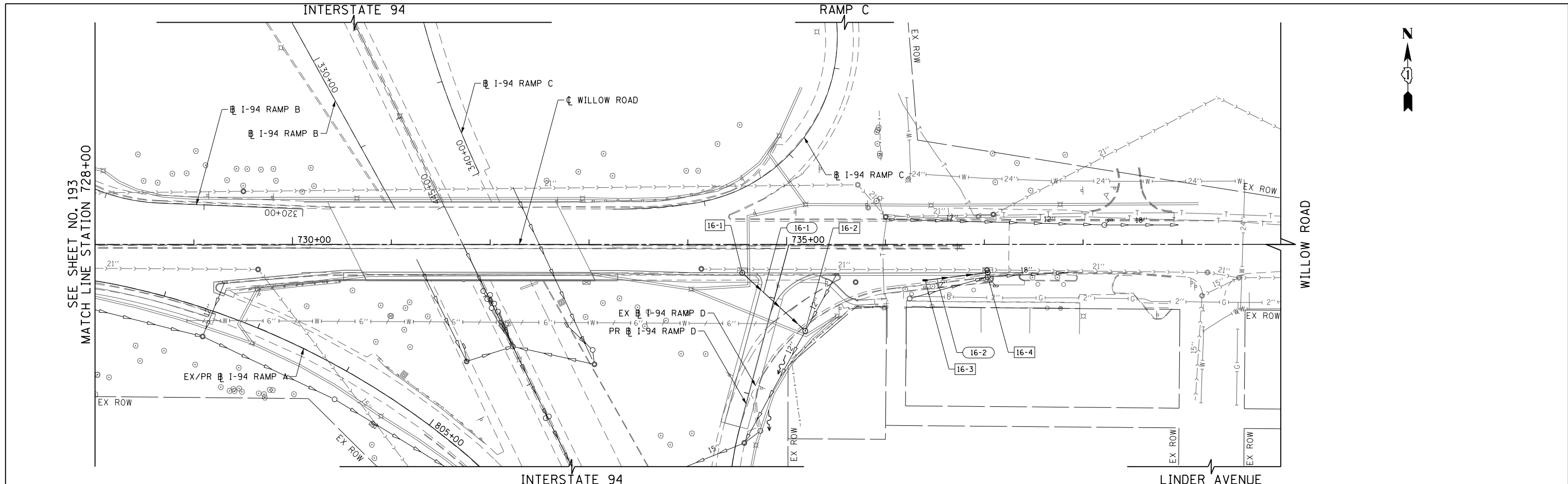
STA. 716+00 TO STA. 728+00

SEE SHEET NO. 191
MATCH LINE STATION 716+00

SEE SHEET NO. 194
MATCH LINE STATION 728+00

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATRS		
	CHKD		
	NO.		



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
g:\ch11\0158\road\Sheets\DI60T35-SHT-DRAIN-16.dgn		DRAWN - KAL	REVISED -
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLOW ROAD DRAINAGE PLAN AND PROFILE

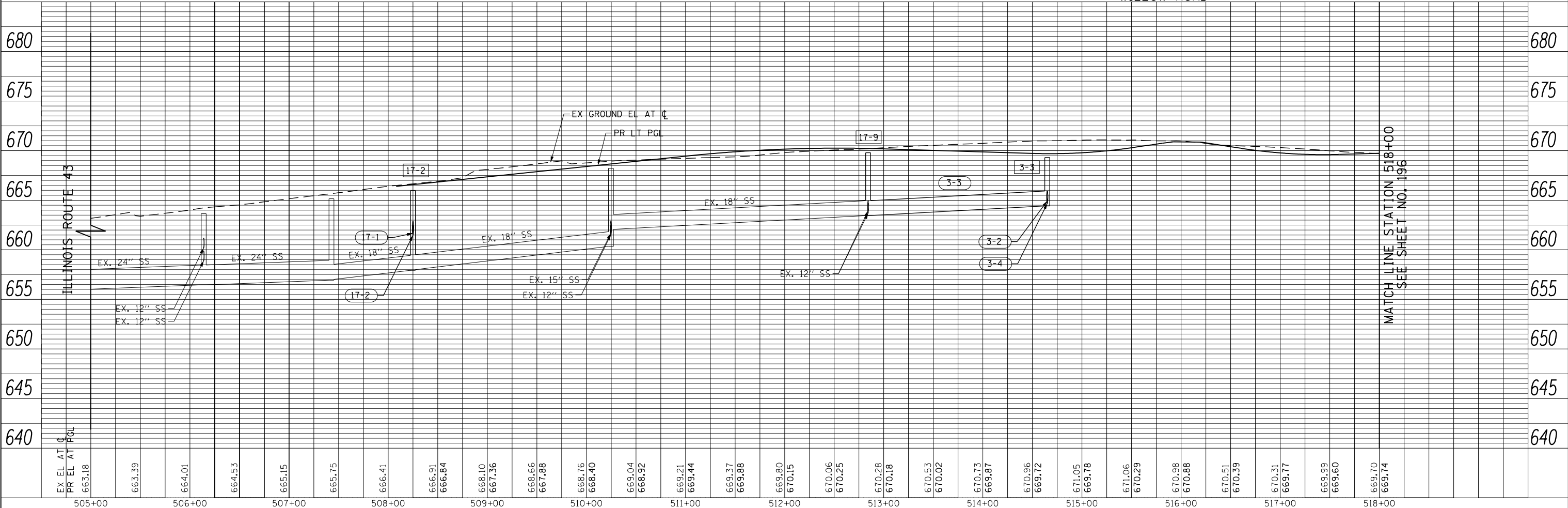
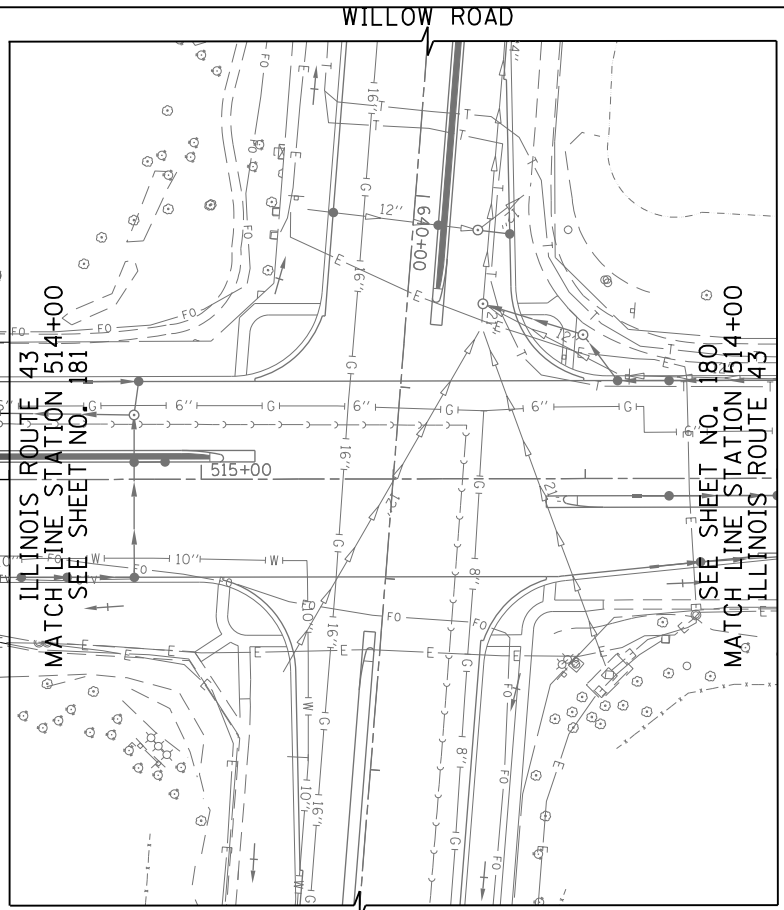
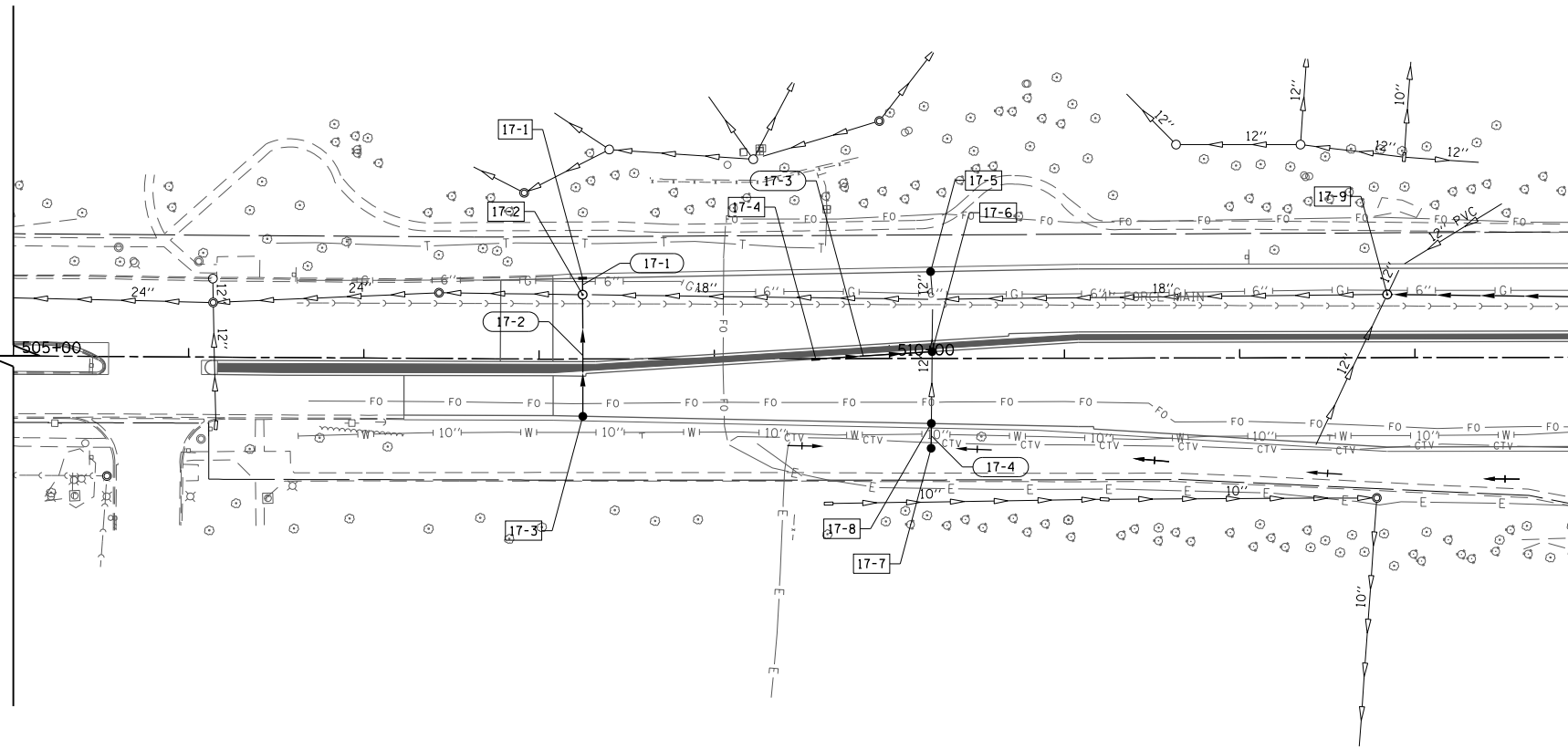
SCALE: HORIZ: 1"=50'
VERT: 1"=5'
SHEET NO. 194 OF 919 SHEETS STA. 728+00 TO STA. 740+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	194
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		

ILLINOIS ROUTE 43



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 43 DRAINAGE PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch11\0158\road\Sheets\DI60T35-SHT-DRAIN-17.dgn		DRAWN - KAL	REVISED -			305	(1920.01,1518,2022&1922.4)BR	COOK	919	195	
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

MATCH LINE STATION 518+00
SEE SHEET NO. 196

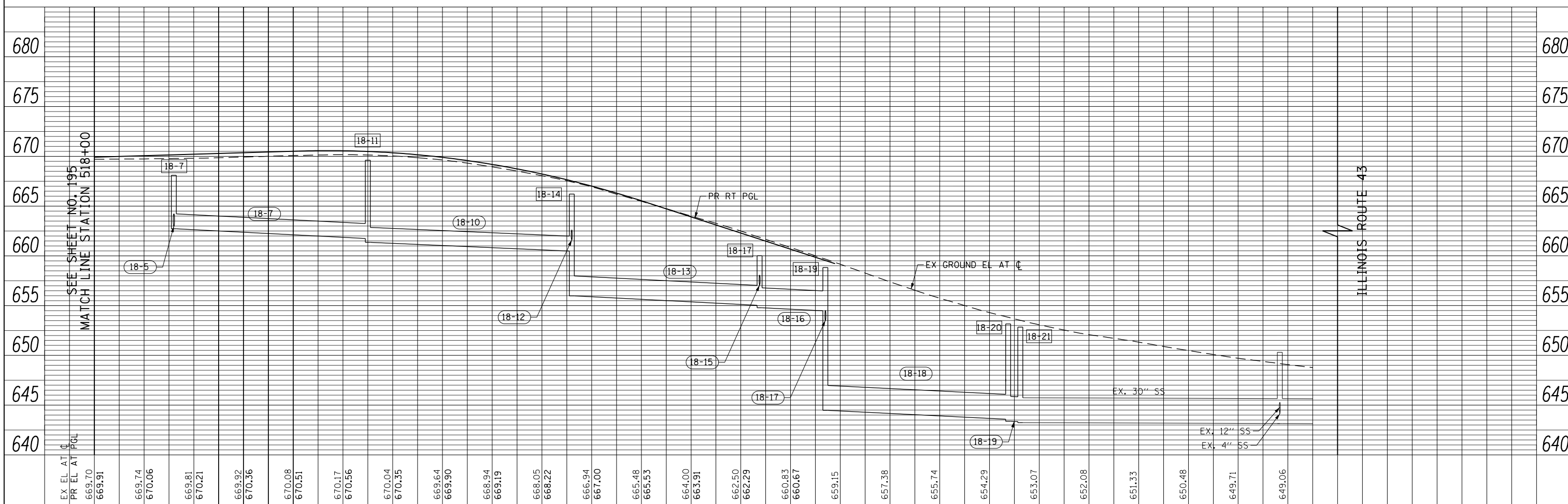
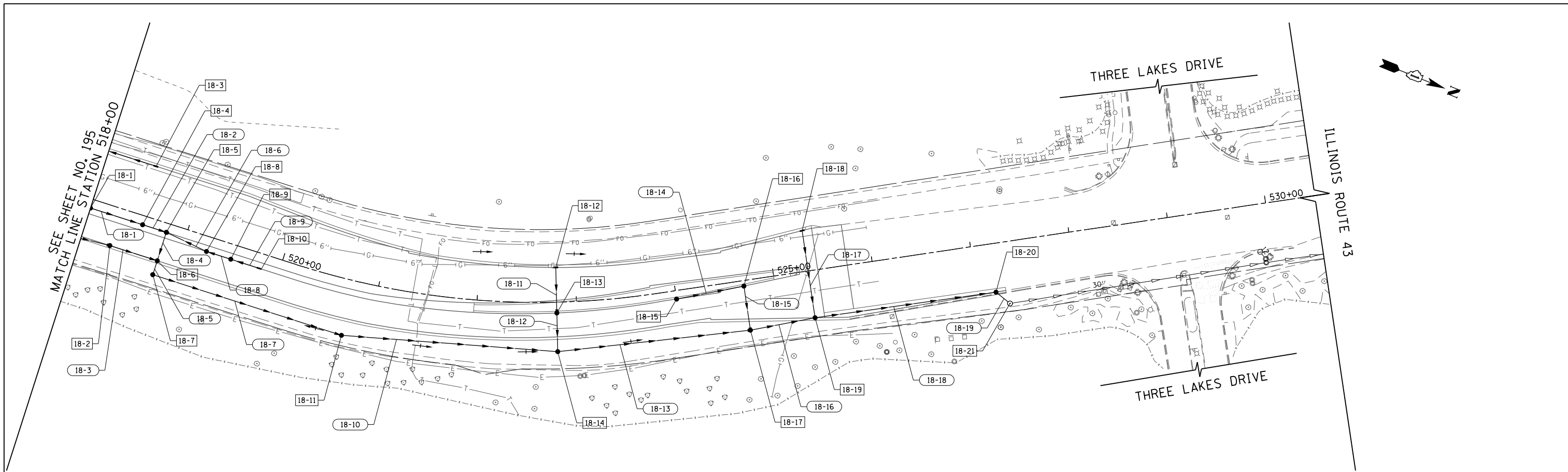
MATCH LINE STATION 518+00
SEE SHEET NO. 196

ILLINOIS ROUTE 43
MATCH LINE STATION 514+00
SEE SHEET NO. 181

ILLINOIS ROUTE 43
MATCH LINE STATION 514+00
SEE SHEET NO. 180

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	NO. _____		
	FILE NAME _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO. _____		



EX. EL. AT C	669.70	669.91	669.74	670.06	669.81	670.21	669.92	670.36	670.08	670.51	670.17	670.56	670.04	670.35	669.64	669.90	668.94	669.19	668.05	668.22	666.94	667.00	665.48	665.53	664.00	663.91	662.50	662.29	660.83	660.67	659.15	657.38	655.74	654.29	653.07	652.08	651.33	650.48	649.71	649.06		
518+00	519+00	520+00	521+00	522+00	523+00	524+00	525+00	526+00	527+00	528+00	529+00	530+00																														

FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
g:\ch11\0158\road\Sheets\160135-SHT-DRAIN-18.dgn		DRAWN - KAL	REVISED -
		CHECKED - RCB	REVISED -
		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 43 DRAINAGE PLAN AND PROFILE

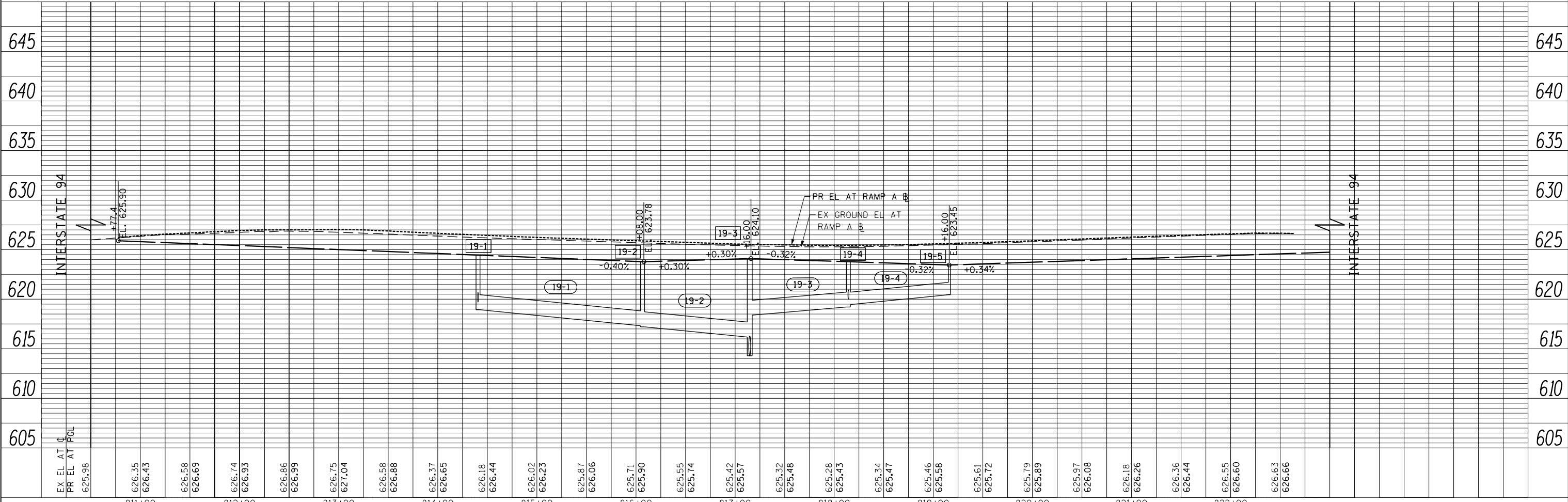
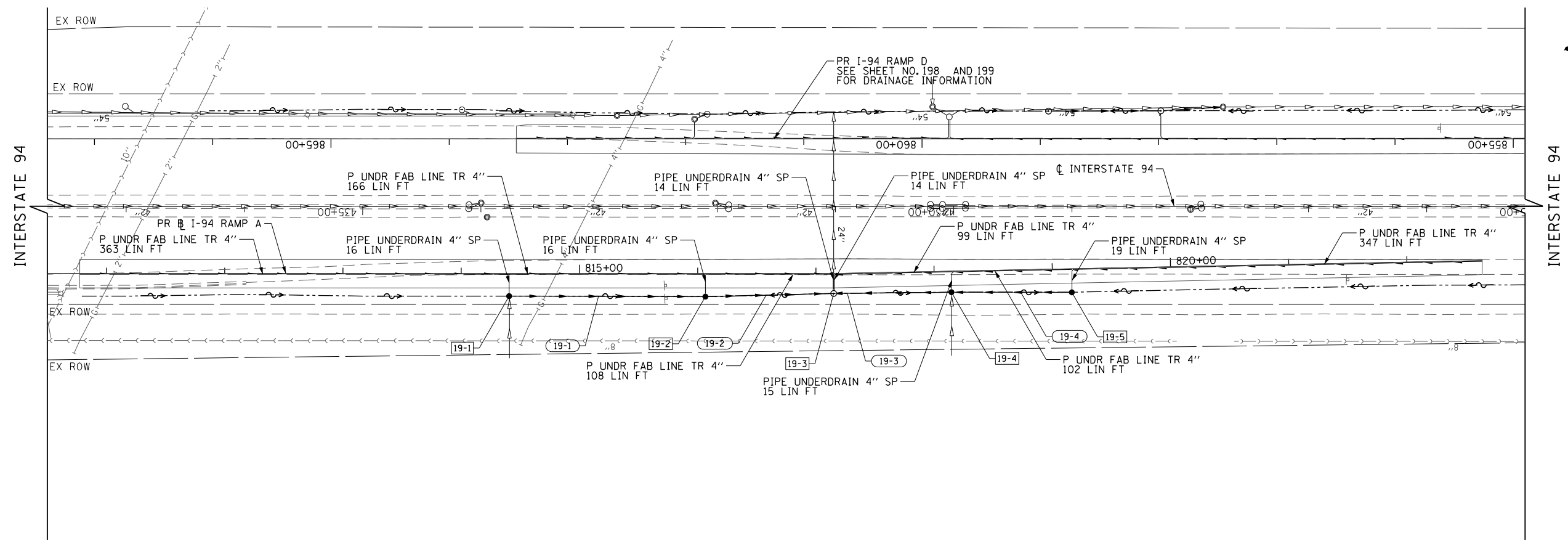
SCALE: HORIZ. 1"=50'
VERT. 1"=5'

SHEET NO. 196 OF 919 SHEETS STA. 518+00 TO STA. 530+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	196
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
g:\ch11\0158\road\Sheets\160135-SHT-DRAIN-19.dgn		DRAWN - MNB	REVISED -
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSTATE 94 RAMP A DRAINAGE PLAN AND PROFILE

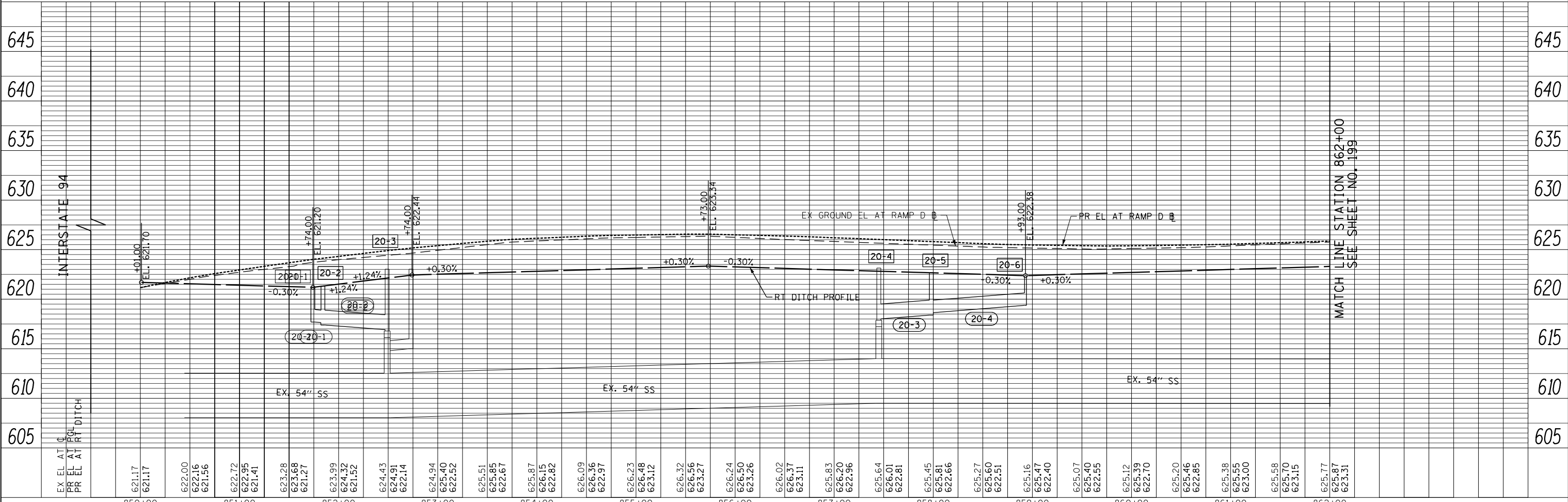
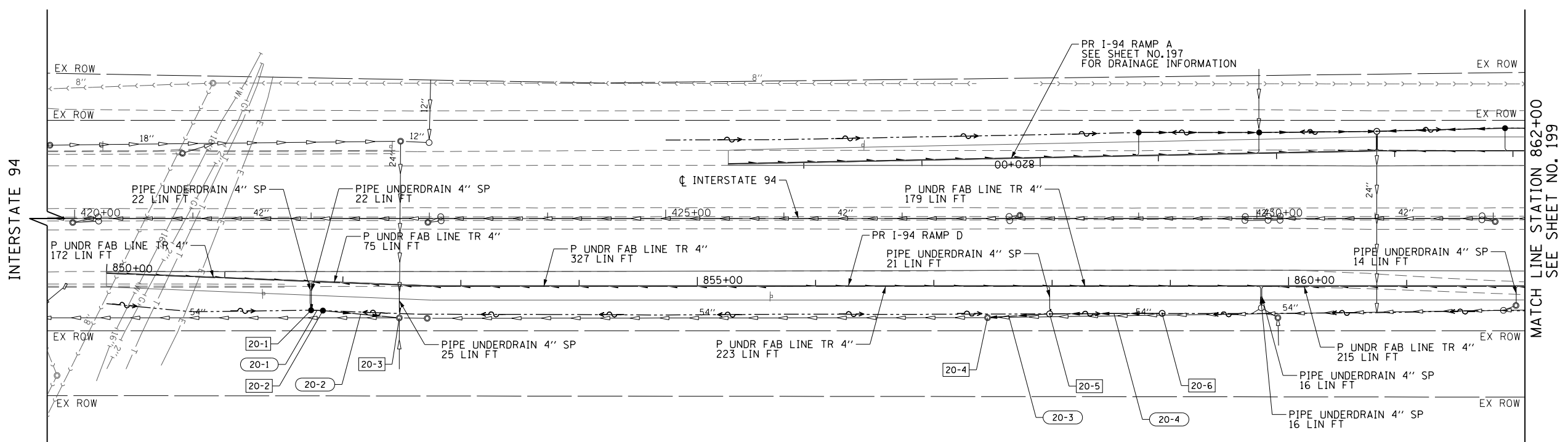
SCALE: HORIZ: 1"=50'
VERT: 1"=5'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	197
CONTRACT NO. 60T35				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS CHECKED		
	NO.		



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
g:\ch11\0158\road\Sheets\DI60T35-SHT-DRAIN-20.dgn		DRAWN - KAL	REVISED -
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

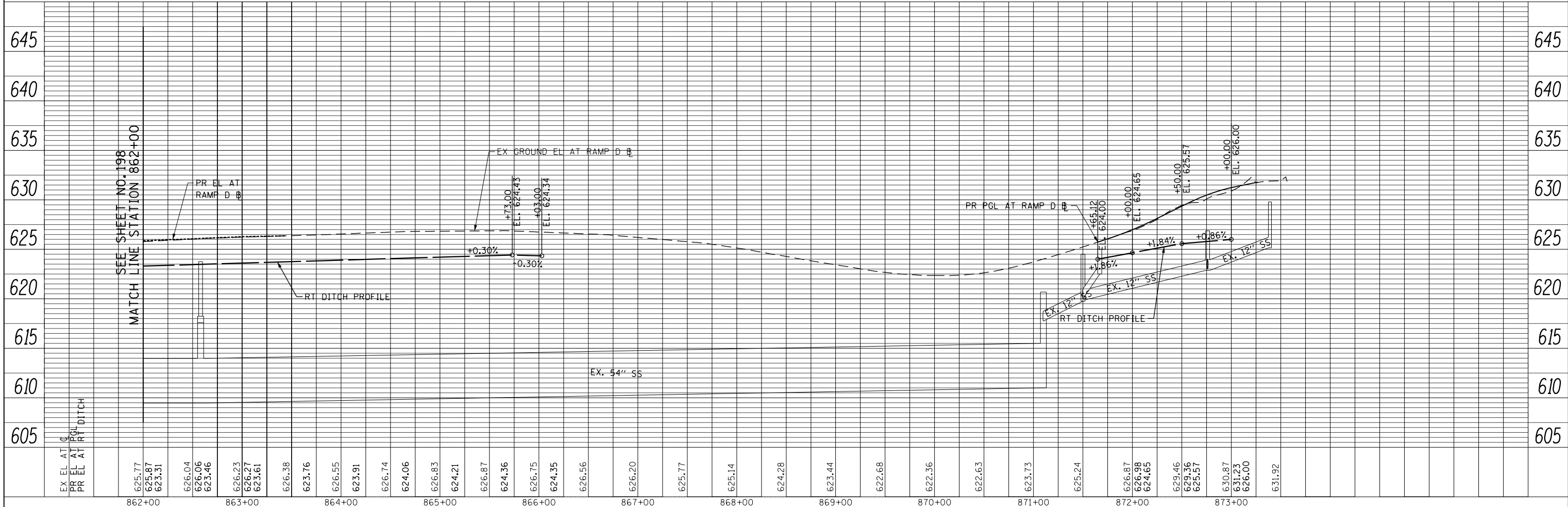
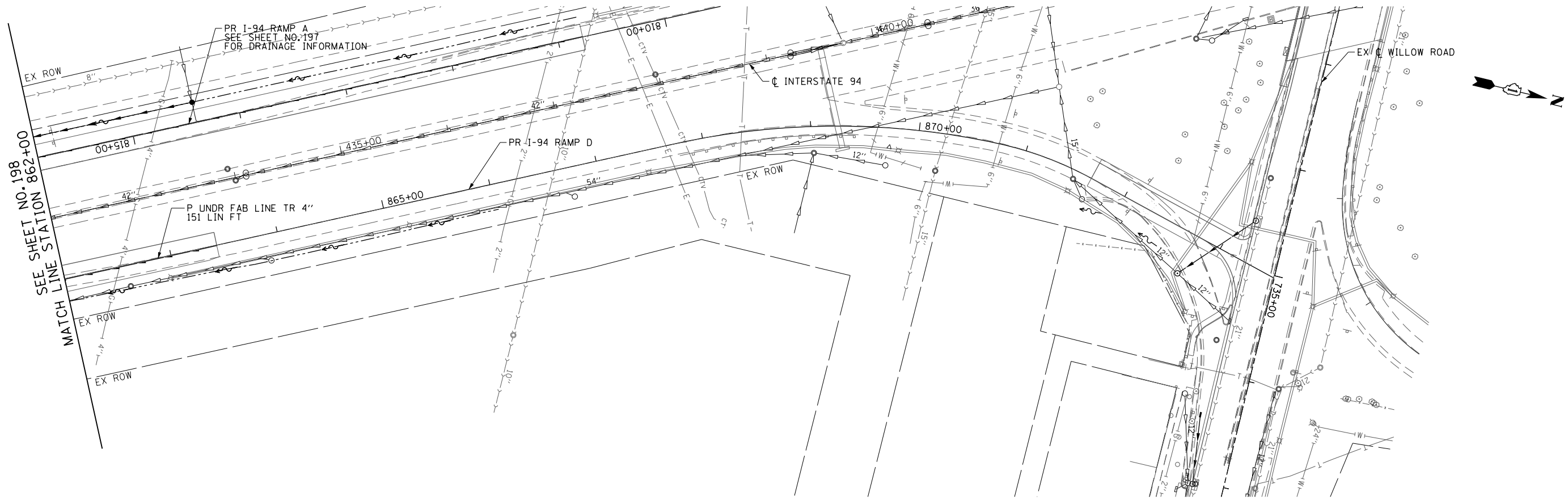
INTERSTATE 94 RAMP D DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: HORIZ: 1"=50' VERT: 1"=5' SHEET NO. 198 OF 919 SHEETS STA. 850+00 TO STA. 862+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	198
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE		
	NO.		



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
g:\chil\0158\road\Sheets\160135-SHT-DRAIN-21.dgn		DRAWN - KAL	REVISED -
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSTATE 94 RAMP D DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: HORIZ: 1"=50'
VERT: 1"=5'
SHEET NO. 199 OF 919 SHEETS
STA. 862+00 TO STA. 873+56

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	199
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

DRAINAGE SHEET WILLOW ROAD STA 625+00 TO STA 637+00

SHEET	STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
1	1-1	631+67.51	44.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	641.96	639.62 (EX)							
1	1-2	633+40.55	54.5' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	646.90				643.77 (EX)				
1	1-3	633+43.56	41.6' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	647.23	642.26 (EX)							
1	1-4	634+73.94	46.3' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	651.55				647.55				
#	1-5	634+73.94	38.2' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	651.74	647.51		645.77 (EX)				641.87 (EX)	
1	1-6	635+15.03	1.6' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	653.65	647.12 (EX)		649.58	647.20 (EX)				
1	1-7	635+26.00	2.4' LT	CB, TYPE C	TYPE 11V FRAME AND GRATE	653.66							649.66	
1	1-8	635+15.15	41.6' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	652.93	648.05 (EX)							
1	1-9	636+90.22	13.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	659.34	652.32 (EX)			652.39 (EX)				
1	1-10	636+85.22	39.1' LT	MANHOLES TO BE ADJUSTED WITH NEW	TYPE 1 FRAME, CLOSED LID	658.75			648.53 (EX) 652.88 (EX)				648.33 (EX)	
1	1-11	636+91.74	38.9' LT	CATCH BASINS TO BE ADJUSTED WITH NEW	TYPE 1 FRAME, CLOSED LID	658.97				651.96 (EX)			651.96 (EX)	
1	1-12	636+87.00	42.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	658.61	653.39 (EX)							

NOTE:
 * DRAINAGE STRUCTURE TO BE TURNED SO THAT THE FRAME OR GRATE IS CLOSEST TO THE CENTERLINE OF THE ROAD.
 % DRAINAGE STRUCTURE TO BE TURNED SO THAT THE FRAME OR GRATE IS FURTHEST FROM THE CENTERLINE OF THE ROAD.

DRAINAGE SHEET WILLOW ROAD STA 637+00 TO STA 649+00 LEFT SYSTEM

SHEET	STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
#	2-1	637+12.58	40.9' LT	MANHOLES TO BE ADJUSTED WITH NEW	TYPE 24 FRAME AND GRATE	659.62			652.34 (EX)				648.79 (EX)	
2	2-2	638+68.22	41.0' LT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	664.81			654.43 (EX)	657.23			654.33 (EX)	
2	2-3	638+68.74	35.3' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	664.95	657.25			657.35 (EX)				
2	2-4	638+68.64	13.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	665.29	657.44 (EX)			657.46 (EX)				
2	2-5	638+68.39	42.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	664.61	657.77 (EX)			660.45				
2	2-6	638+68.39	55.4' RT	CB, TYPE C	TYPE 8 GRATE	663.50	660.50							
#	2-7	640+16.03	50.5' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	668.56				664.56				
2	2-8	640+15.32	33.8' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	668.92	664.42			661.76 (EX)			661.26 (EX)	
2	2-9	640+14.43	13.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	669.20	661.82 (EX)			661.84 (EX)				
2	2-10	640+12.09	42.0' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	668.48	662.07 (EX)							
2	2-11	517+43.71	51.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	668.78	664.04			663.94				
#	2-12	517+17.00	51.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	668.90	663.72				663.47			
2	2-13	516+99.00	75.0' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	669.99	663.22			663.02				
2	2-14	640+53.41	39.4' LT	MANHOLES TO BE ADJUSTED WITH NEW	TYPE 1 FRAME, CLOSED LID	669.59	662.52		656.49 (EX)				656.49 (EX)	
2	2-15	517+43.71	9.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	669.77	665.55			665.65				
2	2-16	517+27.00	9.0' RT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	669.79	665.79							
2	2-17	517+60.00	43.5' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	669.20	664.98			665.08				
2	2-18	517+36.00	45.9' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	669.29	665.29							
2	2-19	644+00.00	52.0' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	668.88				665.44				
2	2-20	644+00.00	24.5' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	669.51	665.17		664.92	665.38				
2	2-21	644+00.00	3.0' RT	CB, TYPE C	TYPE 11V FRAME AND GRATE	669.62	665.62							
2	2-22	645+90.00	50.0' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	665.14				661.96				
2	2-23	645+90.00	24.5' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	665.72	661.72		661.47	661.87			661.67	
%	2-24	645+90.00	8.0' LT	CB, TYPE C	TYPE 11V FRAME AND GRATE	666.00	662.00							
2	2-25	648+00.00	50.9' LT	INLETS, TYPE A	TYPE 8 GRATE	660.47				658.43				
2	2-26	648+00.00	39.3' LT	MH, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	661.45	658.37			658.27				
2	2-27	648+00.00	22.8' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	661.80	658.11		657.61				657.86	

DRAINAGE SHEET WILLOW ROAD STA 637+00 TO STA 649+00 RIGHT SYSTEM

SHEET	STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
#	3-1	514+67.47	51.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	668.88			665.07					
3	3-2	514+41.00	51.0' LT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	668.93	665.41							
3	3-3	514+65.00	33.6' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	669.30			664.68	664.43			664.93	
3	3-4	514+81.17	9.0' LT	CB, TYPE C	TYPE 11V FRAME AND GRATE	669.64				665.64				
3	3-5	514+65.00	9.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	669.65	665.50		664.77				664.77	
3	3-6	514+65.00	51.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	669.26				665.32			665.07	
3	3-7	514+30.00	51.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	669.09	665.48			665.48				
3	3-8	514+06.17	51.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	669.04	665.58							
3	3-9	644+00.00	31.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	669.16				664.32				
3	3-10	644+00.00	49.8' RT	CB, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	667.19	664.18		663.93					
3	3-11	646+00.00	31.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	665.17				660.69				
3	3-12	646+00.00	49.8' RT	CB, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	663.75	660.55		660.30				660.50	
3	3-13	648+00.00	31.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	661.45				657.26				
3	3-14	648+00.00	49.8' RT	CB, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	660.03	657.12		656.62				656.87	