

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**
CITY OF DeKALB

STU FUNDING
FAU ROUTE 5369
PEACE ROAD IMPROVEMENTS
SECTION NO.: 06-00172-00-WR
PROJECT: M-5017 (043)

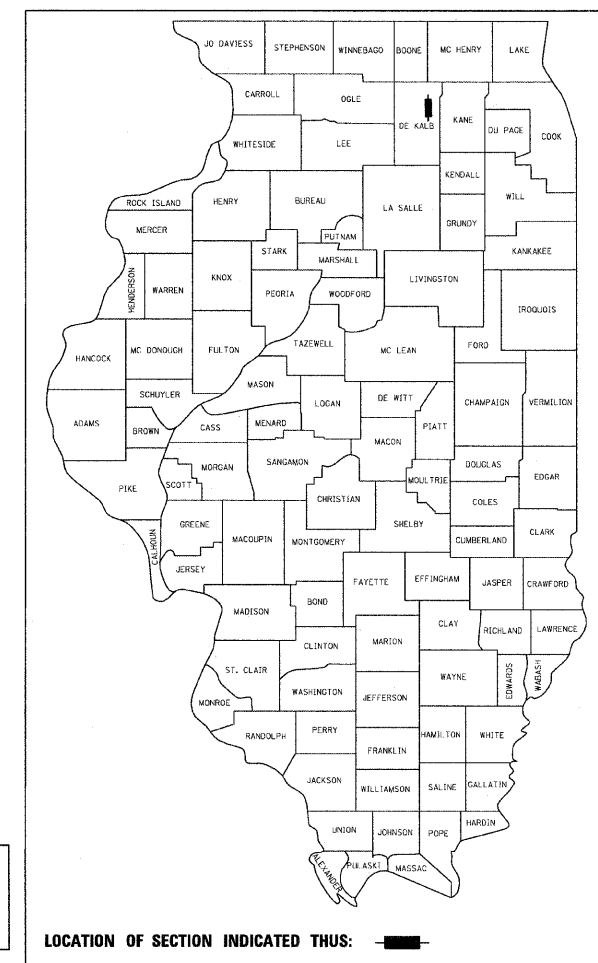
DeKALB COUNTY
C-93-098-10

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	1
STA. 126+55	TO STA. 149+00			
FED. ROAD DIST. NO 3	ILLINOIS	FED AID PROJECT M-5017 (043)		

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FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 3



FUNCTIONAL CLASSIFICATION
URBAN ARTERIAL
2009 ADT = 19,200
2030 ADT = 33,300
P.V. = 91.0% S.U. = 1.0% M.U. = 8.0%
DESIGN SPEED = 45 MPH

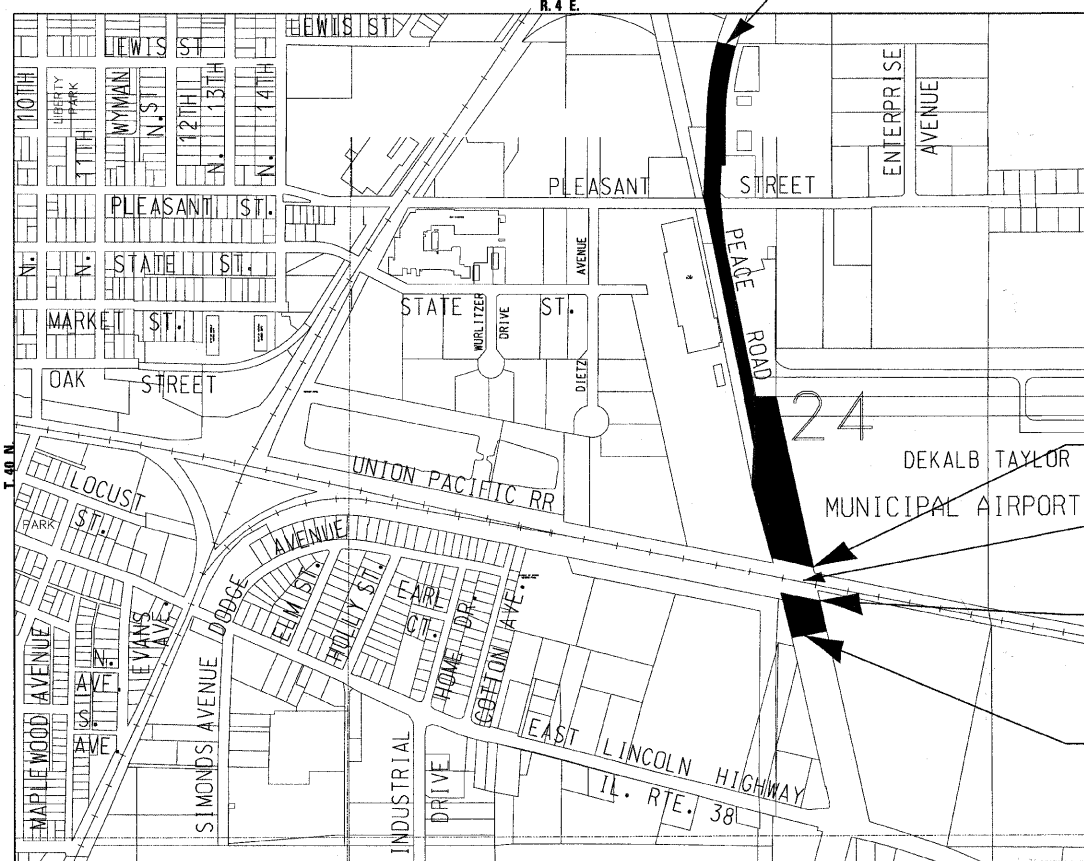
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 16, 2010
Joel C. Maurer
CITY OF DeKALB REPRESENTATIVE

APPROVED 11/16 2010
Joel C. Maurer
PROJECT IMPLEMENTATION ENGINEER

APPROVED 11/16 2010
Robert W. Lemjii
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



PEACE ROAD
IMPROVEMENT ENDS
STA. 158 + 50

PEACE ROAD
END OMISSION
STA. 126 + 55

PEACE ROAD
BEGIN OMISSION
STA. 124 + 53

PEACE ROAD
IMPROVEMENT BEGINS
STA. 120 + 40

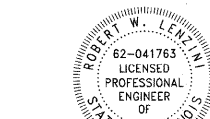
STRUCTURE NUMBER: 019-4706

R. 4 E.
SECTION 24, T40N, R4E, OF THE THIRD PRINCIPAL MERIDIAN
LOCATION MAP
(NOT TO SCALE)

GROSS LENGTH OF IMPROVEMENT = 3,810 LF OR 0.722 MILES
NET LENGTH OF IMPROVEMENT = 3,608 LF OR 0.683 MILES
LENGTH OF OMISSION = 202 LF OR 0.038 MILES



WOODMAN
Consulting Engineers



Robert W. Lemjii
PROJECT MANAGER
"LICENSE EXPIRES 11-30-2011"



Robert W. Lemjii
PROJECT ENGINEER
"LICENSE EXPIRES 11-30-2011"

BAXTER & WOODMAN, INC.
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2011

Burlington, Wisconsin 262.763.7834 Chicago, Illinois 312.578.0050 Crystal Lake, Illinois 815.459.1260 DeKalb, Illinois 815.787.3111 Grayslake, Illinois 847.223.5088 Itasca, Illinois 630.773.1870 Madison, Wisconsin 608.347.1542 Mokena, Illinois 708.478.2090 Plainfield, Illinois 815.609.7425
(OFFICE WHICH PREPARED PLANS)

DISTRICT 3 NO. (815) 434-6131
PROJECT ENGINEER: ROGER BLAKLEY

CONTRACT NO. 87465

B&W PROJECT NO.: 081068 DATE: 08-04-2010

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 LICENSE NO. - 184-001121 - EXPIRES 4/30/2011
 15 Crystal Lake, IL 60144
 815-434-6131
 BUREAU OF LOCAL ROADS AND STREETS: ROGER BLAKLEY, P.E., 815-434-8495, OTTAWA, IL

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
2. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE CITY DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY OR SPRINKLER SYSTEM THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER OR CITY.
4. THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN CITY UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
5. MATERIALS RESULTING FROM THE REMOVAL OF PAVEMENT, DRIVEWAYS, CURB AND GUTTER, HOT-MIX ASPHALT SURFACES, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IN THE JUDGMENT OF THE CITY, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS, THE CITY WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR WILL BE BILLED (CHARGED) ACCORDINGLY.
6. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE EXCEPT FOR A HYDRANT BACKFLOW METER DEVICE DEPOSIT, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CITY RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF CITY WATER IF DEEMED NECESSARY.
7. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE CITY WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE CITY TO RESIDENTS. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
8. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNERS, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
9. ACCESS TO DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL.
10. ANY MAILBOXES THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH CITY STANDARDS AND INCLUDED IN THE PAY ITEM FOR COMBINATION CURB AND GUTTER REMOVAL. MAIL SERVICE SHALL BE MAINTAINED AT ALL TIMES.
11. EXISTING PAVEMENT, DRIVEWAY PAVEMENT, CURB AND GUTTER AND SIDEWALK TO REMAIN IN PLACE SHALL BE SAW CUT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND EXISTING AND SHALL BE INCLUDED IN THE PRICE OF THE APPROPRIATE REMOVAL PAY ITEM.
12. IN AREAS WHERE THE EXISTING DRIVEWAY OR SIDEWALK IS TO BE REMOVED AND REPLACED, THE REMOVAL AND DISPOSAL OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED DRIVEWAY OR SIDEWALK SUBGRADE ELEVATION SHALL BE INCLUDED IN THE PAY ITEMS, DRIVEWAY PAVEMENT REMOVAL OR SIDEWALK REMOVAL.
13. CURB AND GUTTER SHALL BE DEPRESSED AT DRIVEWAYS AND SIDEWALK RAMPS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS. SIDEWALK RAMPS FOR ACCESS FOR THE DISABLED SHALL BE PROVIDED AT THE PROPOSED CROSSWALKS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
14. THE FINISHED HOT-MIX ASPHALT SURFACE SHALL BE CONSTRUCTED 0.25 INCH ABOVE THE GUTTER FLAG.
15. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL.

16. DETECTABLE WARNINGS SHALL CONSIST OF FIBERGLASS REINFORCED POLYMER CEMENT PANELS AS MANUFACTURED BY DETECTABLE WARNING SYSTEMS OR CITY APPROVED EQUAL.
17. ALL POSTS, RAILROAD TIES, AND DECORATIVE TIMBER IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
18. PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES, THE CONTRACTOR SHALL EXCAVATE AND LOCATE THE EXISTING UTILITIES TO VERIFY THEIR LOCATION, SIZE, AND DEPTH TO INSURE THAT GRADE CONFLICTS WILL NOT OCCUR. THE COST OF THIS EXPLORATION SHALL BE INCLUDED IN THE COST OF THE PROPOSED UTILITY CONSTRUCTION.
19. CONNECTION OF PROPOSED STORM SEWER INTO EXISTING STORM SEWER OR EXISTING STORM SEWER STRUCTURES SHALL BE INCLUDED IN THE COST OF STORM SEWERS.
20. IF ANY STORM SEWER LATERALS ARE FOUND DURING CONSTRUCTION AND ARE NOT IDENTIFIED ON THE PLANS, THEY SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM AND INCLUDED IN THE COST OF THE STORM SEWER CONSTRUCTION.
21. STORM STRUCTURE OFFSET LOCATIONS ARE TO THE EDGE OF PAVEMENT IF THE STRUCTURE IS IN THE CURB LINE OR TO THE CENTER OF STRUCTURE IF THE STRUCTURE IS NOT IN THE CURBLINE.
22. IN ALL TRENCHES CROSSING DRIVEWAYS, SIDEWALKS, AND ALL PROPOSED AND EXISTING ROADWAYS, THE MATERIAL FOR THE TOP 12 INCHES SHALL BE CA-6 CRUSHED GRAVEL OR CRUSHED STONE AND BE INCLUDED IN THE PAY ITEM FOR TRENCH BACKFILL. THE BACKFILL SHALL EXTEND TO AND BE MEASURED FOR PAYMENT TO THE EXISTING GROUND OR SURFACE ELEVATION.
23. FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF COST OF THE STRUCTURE.
24. A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE(S) AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE BATHROOM SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.
25. ALL CRACKS AND JOINTS SHALL BE CLEANED PRIOR TO FILLING THEM. THIS WORK SHALL BE INCLUDED IN THE ITEM "MIXTURE FOR CRACKS, JOINTS AND FLANGWAYS."
26. THE DAYS PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANES IN THE SAME DAY.
27. THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
28. THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.
29. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
30. BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
31. THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
32. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
33. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
34. ONLY THOSE TREES DESIGNATED BY THE ENGINEER SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
35. SHORT TERM PAVEMENT MARKING SHALL BE USED TO OUTLINE TRAVEL LANES FOR THE PRIME COAT APPLICATION AND EACH RESURFACING LIFT.

36. FOR NEW CONSTRUCTION, PLACE CURB RAMPS FOR SIDEWALKS (STANDARD 424001) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.
37. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
38. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
39. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

BITUMINOUS MATERIALS PRIME COAT	0.08	GAL / SQ YD ON BITUMINOUS
	0.375	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
40. MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
 1. COMMONWEALTH EDISON COMPANY
 2. COMCAST
 3. DeKALB FIBER OPTIC, LLC
 4. VERIZON NORTH, INC
 5. NICOR GAS
 6. SPRINT/NEXTEL
 7. MEDIACOM COMMUNICATIONS
 8. DeKALB COUNTY HIGHWAY DEPARTMENT
 9. CITY OF DeKALB
 10. DeKALB SANITARY DISTRICT

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
41. CONSTRUCTION ACTIVITIES WITHIN THE WETLAND ADJACENT TO THE DEKALB TAYLOR MUNICIPAL AIRPORT ARE TO BE AVOIDED. TEMPORARY FENCE SHALL BE PLACED ALONG THE WETLAND BORDER TO PREVENT DISTURBANCE FROM CONSTRUCTION VEHICLES. EROSION BARRIER SHALL ALSO BE PLACED ACCORDING TO THE EROSION CONTROL PLANS TO PROTECT THE WETLAND SITE FROM STORM WATER RUNOFF DURING CONSTRUCTION.
42. CONNECTION OF EXISTING STORM SEWER INTO PROPOSED STORM SEWER STRUCTURES SHALL BE INCLUDED IN THE COST OF THE STORM SEWER STRUCTURE. ANY ADDITIONAL STORM SEWER PIPE REQUIRED TO MAKE THE CONNECTION SHALL BE OF THE SAME SIZE AND MATERIAL TYPE AS THE EXISTING STORM SEWER AND SHALL BE INCLUDED IN THE COST OF THE STORM SEWER STRUCTURE.
43. FRAMES AND GRATES OR LIDS THAT ARE REMOVED AS PART OF ADJUSTMENTS OR REMOVALS SHALL BE DELIVERED TO THE CITY OF DeKALB STORAGE FACILITY AT 1510 STATE STREET. THIS WORK SHALL BE INCLUDED IN THE STRUCTURE ADJUSTMENT OR REMOVAL.
44. ALL AGGREGATE USED ON THE PROJECT SHALL BE CRUSHED MATERIAL.
45. ALL SIGNS, AND SIGN POSTS IN CONFLICT WITH THE PROPOSED IMPROVEMENT AND NOT SCHEDULED TO BE REINSTALLED SHALL BE REMOVED AND DELIVERED TO THE CITY OF DEKALB STORAGE FACILITY AT 1510 STATE STREET. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
46. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1 1/4" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE AS SHOWN ON THE PLANS AND HIGHWAY STANDARD 886001-01. THIS COILABLE NON-METALLIC CONDUIT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP.
47. THE PROPOSED CHAIN LINK FENCE AT THE GENERAL ELECTRIC PROPERTY SHALL BE FULLY INSTALLED PRIOR TO REMOVING THE EXISTING FENCE. THE PROPERTY MUST HAVE A CONTINUOUS FENCE AT ALL TIMES DURING CONSTRUCTION.
48. ALL TRENCHES THAT ARE SUBJECT TO TRAFFIC PRIOR TO PERMANENT HMA PAVING, SHALL BE COVERED BY TEMPORARY PAVEMENT UNTIL THE FINAL CLASS D PATCH IS PLACED.
49. ALL TELESCOPING STEEL SIGN SUPPORTS SHALL BE GROUND MOUNTED ACCORDING TO HIGHWAY STANDARD 728001.
50. WHERE CLASS D PATCHES ARE NOT OVERLAYED AS A PART OF THIS CONTRACT THE TOP TWO INCHES SHALL BE HMA SURFACE COURSE, MIX "D", N70, AND SHALL BE INCLUDED IN THE COST OF THE CLASS D PATCH.

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DESIGNED - DJS	REVISED -
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-GNTES.dgn

**CITY OF DeKALB , ILLINOIS
PEACE ROAD
IMPROVEMENTS**

GENERAL NOTES

SCALE: STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	2
CONTRACT NO. 87465			FED. ROAD DIST. NO. 3 (ILLINOIS) FED. AID PROJECT W-5017 (043)	

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
				RECONSTRUCTION, CAPACITY ADDED 0003	SAFETY (TRAFFIC SIGNALS) 0021
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	4	4	-
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	-
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	725	725	-
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	7,257	7,257	-
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,497	1,497	-
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	12	12	-
42001300	PROTECTIVE COAT	SQ YD	1,373	1,373	-
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	465	465	-
42400800	DETECTABLE WARNINGS	SQ FT	64	64	-
44000100	PAVEMENT REMOVAL	SQ YD	3,556	3,556	-
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	49	49	-
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,798	1,798	-
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	66	66	-
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	66	66	-
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	321	321	-
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	242	242	-
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	7	7	-
50105220	PIPE CULVERT REMOVAL	FOOT	40	40	-
* 50800105	REINFORCEMENT BARS	POUND	1,828	1,828	-
54213453	END SECTIONS 18"	EACH	2	2	-
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	50	50	-
* 550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	641	641	-
* 550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	137	137	-
55100500	STORM SEWER REMOVAL 12"	FOOT	105	105	-
Δ * 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1	-
* 60107700	PIPE UNDERDRAINS 6"	FOOT	20	20	-
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	4	4	-
60250200	CATCH BASINS TO BE ADJUSTED	EACH	6	6	-

* INDICATES SPECIAL PROVISION
 Δ INDICATES SPECIALTY ITEM

DESIGNED BY: BAXTER & WOODMAN, INC. PROJECT: PEACE ROAD IMPROVEMENTS
 DRAWN BY: UKB DATE: 10-27-2010
 CHECKED BY: RWL DATE: 05-03-2010
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DESIGNED - DJS	REVISED - 08-4-2010 IDOT REVIEW
DRAWN - UKB	REVISED - 10-27-2010 IDOT REVIEW
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-QNTY.dgn

**CITY OF DeKALB, ILLINOIS
 PEACE ROAD
 IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: _____ STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	5
CONTRACT NO. 87465				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
				RECONSTRUCTION, CAPACITY ADDED 0003	SAFETY (TRAFFIC SIGNALS) 0021
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4	-
60260100	INLETS TO BE ADJUSTED	EACH	1	1	-
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	3	-
60404950	FRAMES AND GRATES, TYPE 24	EACH	16	16	-
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	2	2	-
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	1	-
60500040	REMOVING MANHOLES	EACH	1	1	-
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4,600	4,600	-
Δ 63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	938	938	-
Δ 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1	-
Δ 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2	-
Δ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1	-
63200310	GUARDRAIL REMOVAL	FOOT	802	802	-
Δ 66400105	CHAIN LINK FENCE, 4'	FOOT	115	115	-
*Δ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	315	315	-
*Δ 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1	-
*Δ 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3	-
67100100	MOBILIZATION	L SUM	1	1	-
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,347	1,347	-
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	836	836	-
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	70,388	70,388	-
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3,650	3,650	-
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1,058	1,058	-
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,131	1,131	-
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	603	603	-
* 70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	17,270	17,270	-
* 72000100	SIGN PANEL - TYPE 1	SQ FT	84	54	30

* INDICATES SPECIAL PROVISION
 Δ INDICATES SPECIALTY ITEM

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DESIGNED - DJS	REVISED - 08-4-2010 IDOT REVIEW
DRAWN - UKB	REVISED - 10-27-2010 IDOT REVIEW
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-INTY.dgn

**CITY OF DeKALB, ILLINOIS
 PEACE ROAD
 IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	6
CONTRACT NO. 87465				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
				RECONSTRUCTION, CAPACITY ADDED 0003	SAFETY (TRAFFIC SIGNALS) 0021
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	4	4	-
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	117	117	-
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	236	236	-
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21,548	21,548	-
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	290	290	-
Δ 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1,058	1,058	-
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,131	1,131	-
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	153	153	-
Δ 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	808	808	-
Δ 78200410	GUARDRAIL MARKERS, TYPE A	EACH	8	8	-
Δ 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2	-
* 78300100	PAVEMENT MARKING REMOVAL	SQ FT	6,661	6,661	-
Δ 81000500	CONDUIT IN TRENCH, 1 1/2" DIA., GALVANIZED STEEL	FOOT	2,239	-	2,239
Δ 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	2,231	-	2,231
Δ 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	74	-	74
Δ 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	24	-	24
Δ 81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	20	-	20
*Δ 81018400	CONDUIT PUSHED, 1 1/2" DIA., GALVANIZED STEEL	FOOT	40	-	40
*Δ 81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	40	-	40
*Δ 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	163	-	163
*Δ 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	9	-	9
*Δ 81400710	HEAVY-DUTY HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2	-	2
*Δ 81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1	-	1
Δ 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2,633	-	2,633
Δ 82103400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 400 WATT	EACH	2	-	2
Δ 86200300	UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1	-	1
Δ 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	437	-	437
Δ 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	719	-	719

* INDICATES SPECIAL PROVISION
 Δ INDICATES SPECIALTY ITEM

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DESIGNED - DJS	REVISED -08-4-2010 IDOT REVIEW
DRAWN - LKB	REVISED -10-27-2010 IDOT REVIEW
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-ONTY.dgn

**CITY OF DeKALB , ILLINOIS
 PEACE ROAD
 IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: _____ STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	7
CONTRACT NO. 87465				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
				RECONSTRUCTION, CAPACITY ADDED 0003	SAFETY (TRAFFIC SIGNALS) 0021
Δ 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	1,587	-	1,587
Δ 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	1,036	-	1,036
Δ 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,667	-	1,667
Δ 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	32	-	32
Δ 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT.	EACH	1	-	1
Δ 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	1	-	1
Δ 87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1	-	1
Δ 87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1	-	1
Δ 87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1	-	1
Δ 87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1	-	1
*Δ 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12	-	12
*Δ 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4	-	4
*Δ 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60	-	60
Δ 87900200	DRILL EXISTING HANDHOLE	EACH	2	-	2
Δ 87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	9	-	9
Δ 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2	-	2
Δ 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1	-	1
Δ 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4	-	4
Δ 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	2	-	2
Δ 88600100	DETECTOR LOOP, TYPE I	FOOT	977	-	977
Δ 88800100	PEDESTRIAN PUSH-BUTTON	EACH	4	-	4
*Δ 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	-	1
Δ 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	9	-	9
*Δ 89501100	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1	-	1
Δ 89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1	-	1
*Δ 89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2	-	2
Δ 89502200	MODIFY EXISTING CONTROLLER	EACH	1	-	1
Δ 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,830	-	3,830

* INDICATES SPECIAL PROVISION

Δ INDICATES SPECIALTY ITEM

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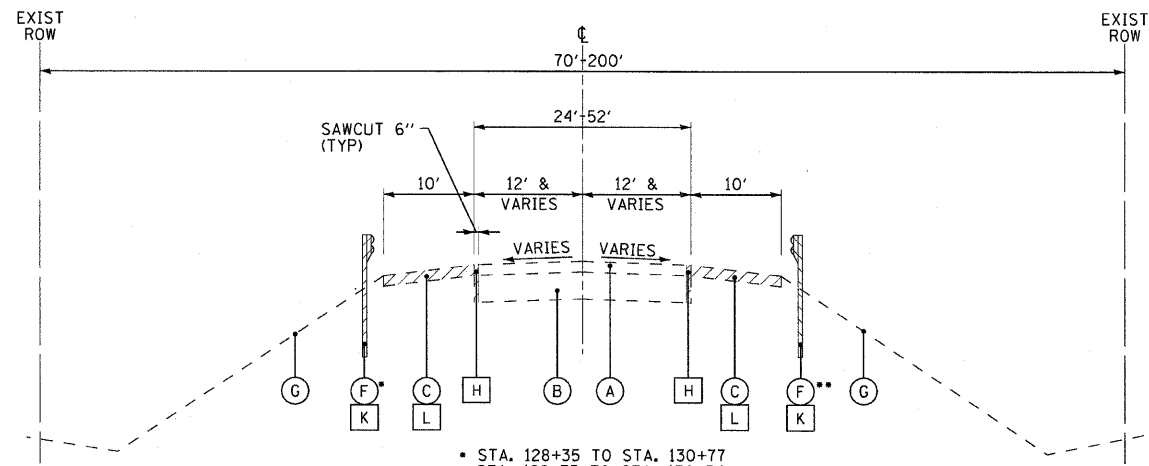
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DATE - 05-03-2010	FILE NAME - 081068-ONTY.dgn

**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

SUMMARY OF QUANTITIES

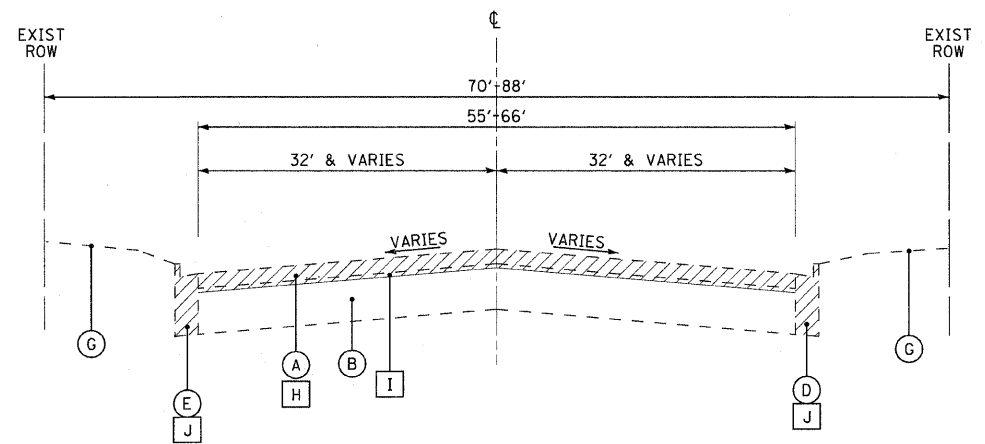
SCALE: _____ STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	8
CONTRACT NO. 87465				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				

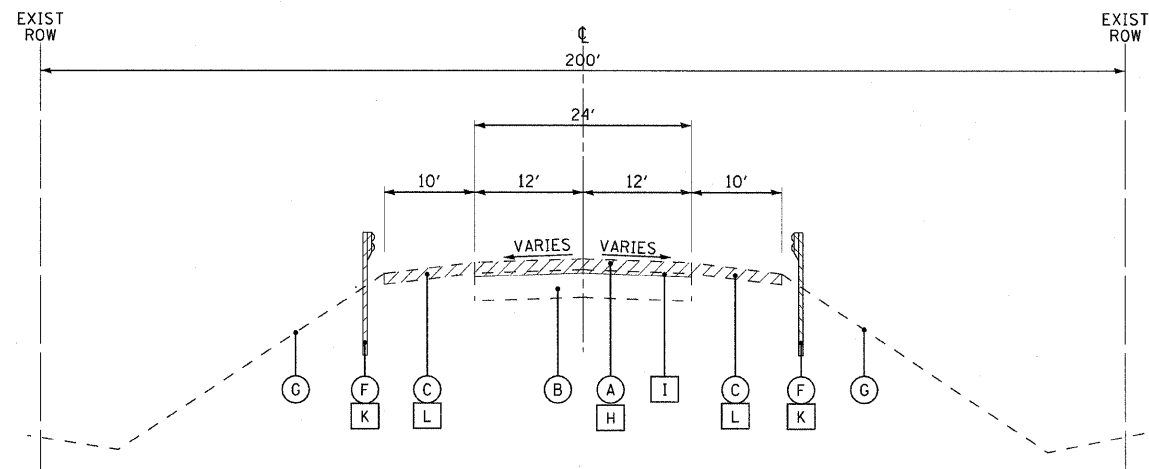


• STA. 128+35 TO STA. 130+77
 •• STA. 128+35 TO STA. 130+54

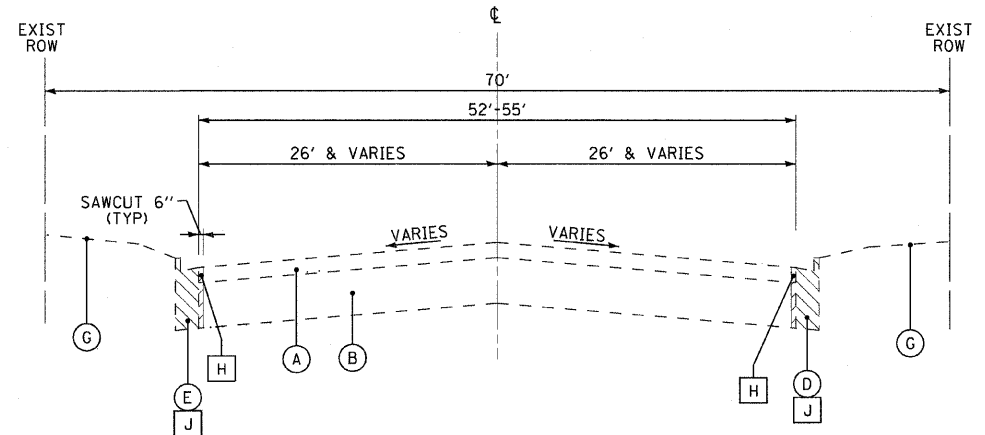
**EXISTING TYPICAL SECTION
 PEACE ROAD**
 STA. 128+35 TO STA. 140+68



**EXISTING TYPICAL SECTION
 PEACE ROAD**
 STA. 146+00 TO STA. 149+00



**EXISTING TYPICAL SECTION
 PEACE ROAD**
 STA. 126+55 TO STA. 128+35



**EXISTING TYPICAL SECTION
 PEACE ROAD**
 STA. 140+68 TO STA. 146+00

- EXISTING LEGEND**
- (A) HOT-MIX ASPHALT PAVEMENT 7.5"±
 - (B) AGGREGATE BASE COURSE 20"±
 - (C) AGGREGATE SHOULDER
 - (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18
 - (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18
 - (F) EXISTING GUARDRAIL
 - (G) GROUND SURFACE
 - (H) PAVEMENT REMOVAL
 - (I) AGGREGATE BASE COURSE GRADING (SEE NOTE 1) (INCLUDED IN PREPARATION OF BASE)
 - (J) COMBINATION CURB AND GUTTER REMOVAL
 - (K) GUARDRAIL REMOVAL
 - (L) AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
 - [Hatched Box] ITEM TO BE REMOVED

NOTES:
 1. GRADE EXCESS AGGREGATE BASE COURSE INTO WIDENING AREA.

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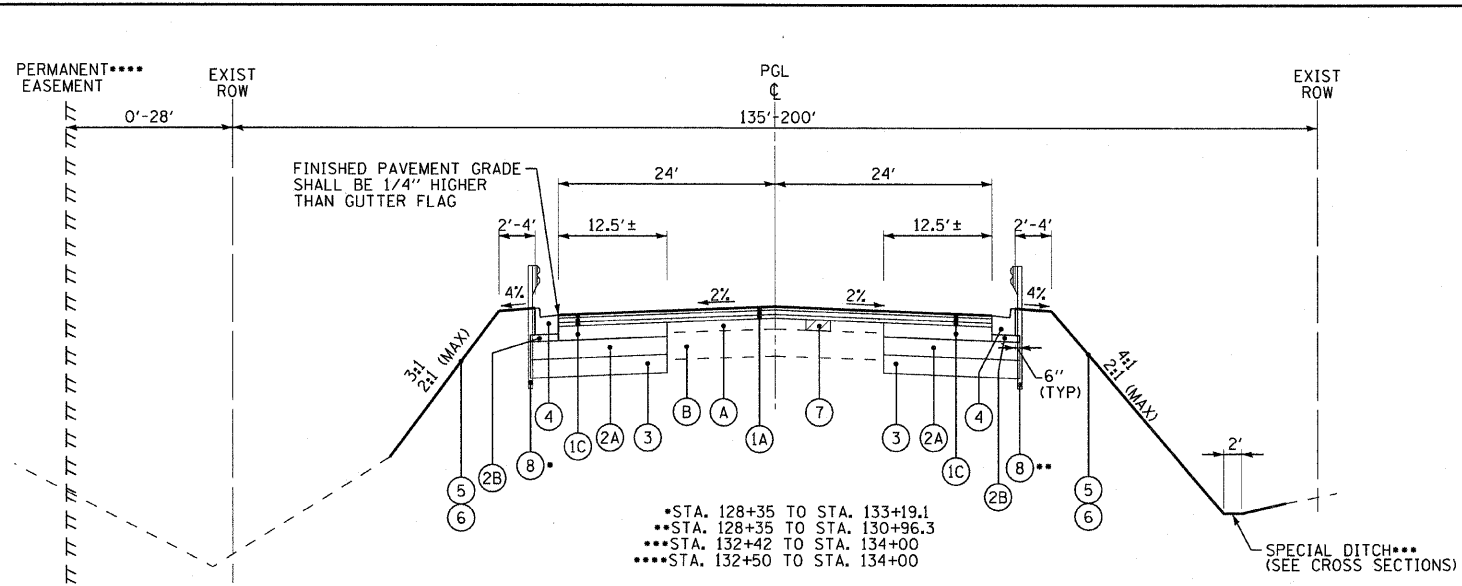
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DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-sht-typical.dgn

**CITY OF DeKALB, ILLINOIS
 PEACE ROAD
 IMPROVEMENTS**

TYPICAL SECTIONS

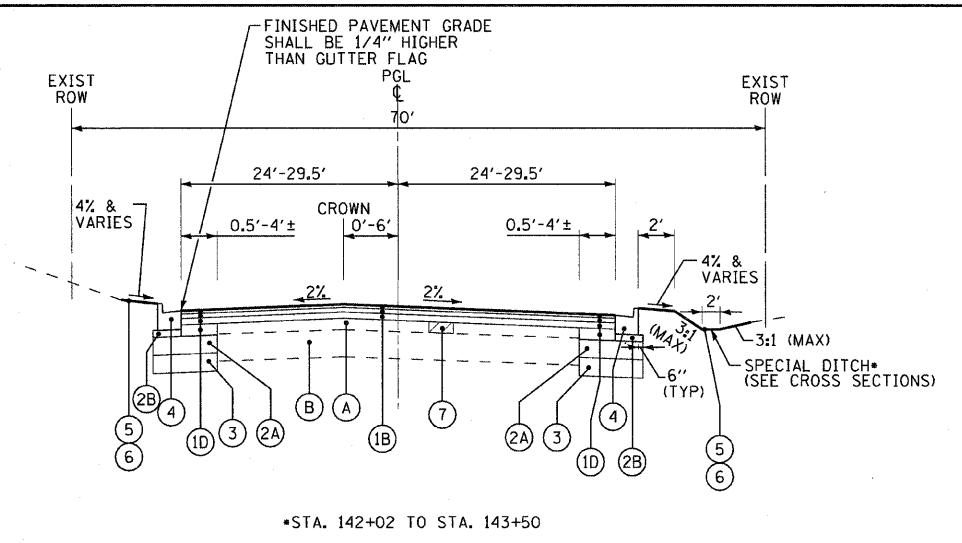
SCALE: NONE	STA. 126+55 TO STA. 149+00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 87465
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				



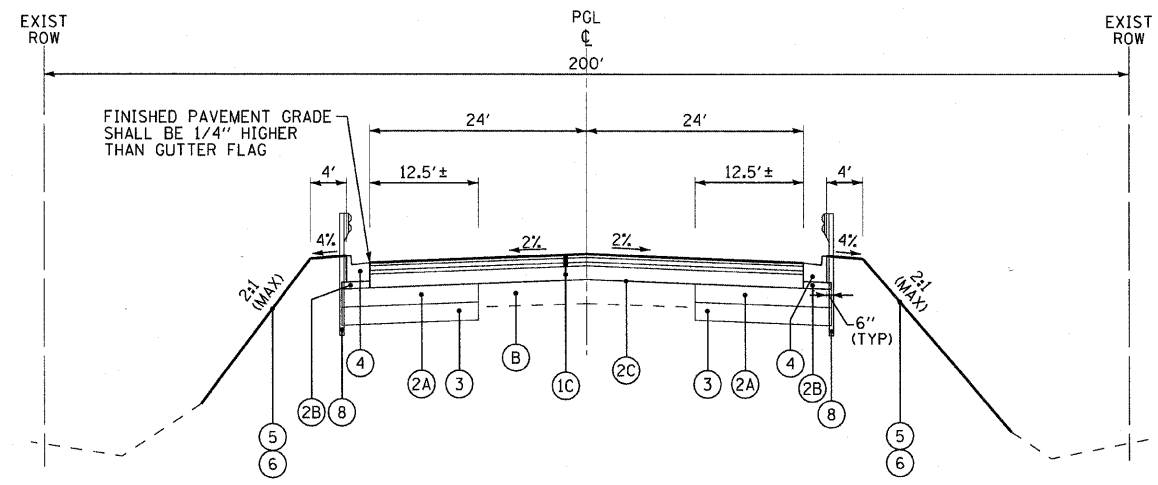
**PROPOSED TYPICAL SECTION
PEACE ROAD**

STA. 128+35 TO STA. 134+00



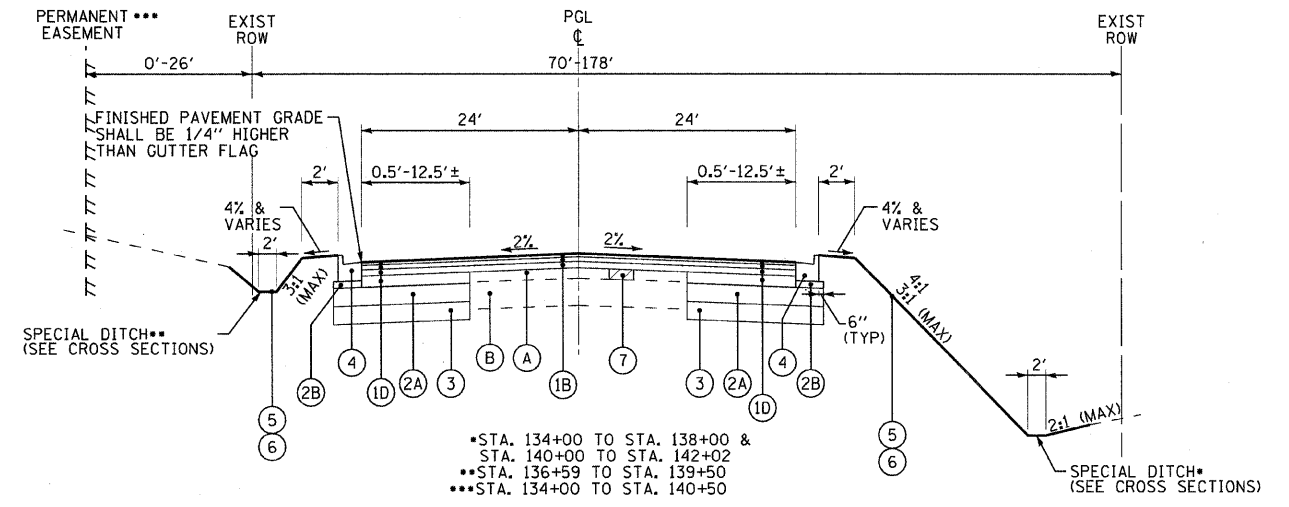
**PROPOSED TYPICAL SECTION
PEACE ROAD**

STA. 142+02 TO STA. 146+50



**PROPOSED TYPICAL SECTION
PEACE ROAD**

STA. 126+55 TO STA. 128+35



**PROPOSED TYPICAL SECTION
PEACE ROAD**

STA. 134+00 TO STA. 142+02

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT 7.5"±
- (B) AGGREGATE BASE COURSE 20"±
- (C) AGGREGATE SHOULDER
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18
- (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18
- (F) EXISTING GUARDRAIL
- (G) GROUND SURFACE
- (H) PAVEMENT REMOVAL
- (I) AGGREGATE BASE COURSE GRADING (SEE NOTE 1)
(INCLUDED IN PREPARATION OF BASE)
- (J) COMBINATION CURB AND GUTTER REMOVAL
- (K) GUARDRAIL REMOVAL
- (L) AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
- ITEM TO BE REMOVED

PROPOSED LEGEND

- (1A) HOT-MIX ASPHALT - OVERLAY - 7"
SURFACE COURSE, MIX "D" N70 - 2"
BINDER COURSE, IL-19.0, N70 - 2.75"
BINDER COURSE, IL-19.0, N70 - 2.25" (SEE NOTE 4)
- (1B) HOT-MIX ASPHALT - OVERLAY - 8.75"
SURFACE COURSE, MIX "D" N70 - 2"
BINDER COURSE, IL-19.0, N70 - 2.75"
BINDER COURSE, IL-19.0, N70 - 4" (SEE NOTE 4)
- (1C) HOT MIX ASPHALT - 15.75"
SURFACE COURSE, MIX "D" N70 - 2"
BINDER COURSE, IL-19.0, N70 - 2.75" (SEE NOTE 4)
BINDER COURSE, IL-19.0, N70 - 8.75" (SEE NOTE 5)
- (1D) HOT MIX ASPHALT - 15.75"
SURFACE COURSE, MIX "D" N70 - 2"
BINDER COURSE, IL-19.0, N70 - 2.75"
BINDER COURSE, IL-19.0, N70 - 4" (SEE NOTE 4)
BINDER COURSE, IL-19.0, N70 - 7" (SEE NOTES 3 & 5)
- (2A) AGGREGATE, SUBGRADE - 12"
- (2B) AGGREGATE BASE COURSE, TYPE B - 4"
- (2C) PREPARATION OF BASE (SEE NOTE 1)
- (3) POROUS GRANULAR EMBANKMENT, SUBGRADE AND GEOTECHNICAL FABRIC (SEE NOTE 2)
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (11.5" FLAG DEPTH)
- (5) TOPSOIL, FURNISH AND PLACE, 4"
- (6) SEEDING, CLASS 2, FERTILIZER AND EROSION BLANKET
- (7) CLASS D PATCHES TYPE I-IV, 8" (SEE NOTE 6)
- (8) STEEL PLATE BEAM GUARDRAIL, TYPE A

NOTES:

1. GRADE EXCESS AGGREGATE BASE COURSE INTO WIDENING AREA.
2. POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHALL BE TESTED WITH A DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLES 301.03 AND 301.04. IF UNSTABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.
- THE FOLLOWING LIMITS OF UNSTABLE SOILS HAVE BEEN IDENTIFIED FOR ESTIMATING PURPOSES:

ROADWAY	LIMITS	ESTIMATED UNDERCUT
PEACE ROAD	STA. 137+50 TO STA. 140+50	6"
PEACE ROAD	STA. 146+45 TO STA. 149+00	3"

3. REPLACE ASPHALT BINDER COURSE WITH PCC BASE COURSE WIDENING 7" WHERE ASPHALT WIDENING IS LESS THAN 12" WIDE.
4. TRANSITION BINDER DEPTH FROM 2.25" TO 4" FROM STA. 133+50 TO STA. 135+00.
5. TRANSITION BINDER DEPTH FROM 8.75" TO 7" FROM STA. 133+50 TO STA. 135+00.
6. AS DETERMINED BY THE ENGINEER.

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DESIGNED - DJS	REVISED - 08-4-2010 IDOT REVIEW
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DATE - 05-03-2010	FILE NAME - 081068-sht-typical.dgn

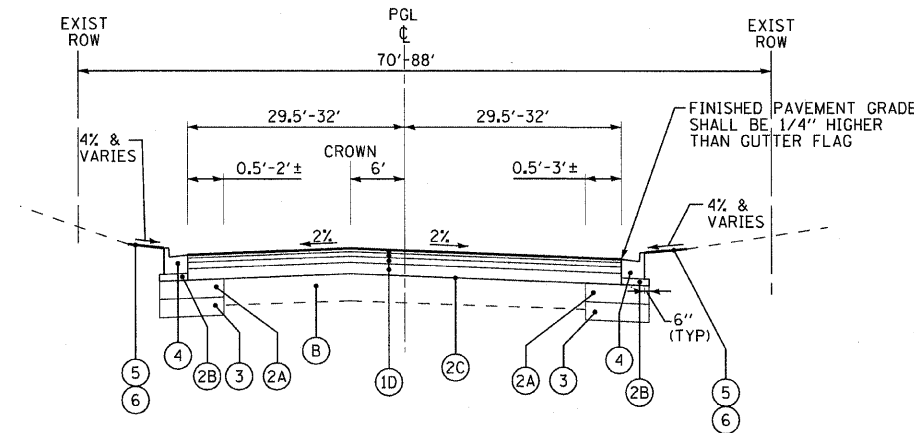
**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

TYPICAL SECTIONS	
SCALE: NONE	STA. 126+55 TO STA. 146+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	11
				CONTRACT NO. 87465
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT M-5017 (043)				

STRUCTURAL DESIGN DATA

STREET	STRUCTURAL DESIGN TRAFFIC 2021			STREET CLASS	TRAFFIC FACTOR	SSR	TEMP	STRAIN	AC	EAC	REQ'D HMA THICKNESS	MECHANISTIC PAVEMENT DESIGN
	PV	SU	MU									
PEACE ROAD	24,245	285	2,037	1	9.19	POOR	78° F	54	PG 58-28	510	15.75	FULL DEPTH PAVEMENT 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2 3/4" HOT-MIX BINDER COURSE, IL-19.0, N70 11" HOT-MIX BINDER COURSE, IL-19.0, N70 12" AGGREGATE SUBGRADE



**PROPOSED TYPICAL SECTION
PEACE ROAD**
STA. 146+00 TO STA. 149+00

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	HMA BINDER & PATCHES	HMA SURFACE	TEMP. PAVEMENT
PG GRADE	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N70	4.0% @ N50
MIXTURE COMPOSITION	IL. 19.0	IL. 9.5	IL. 19.0
FRICTION AGGREGATE		MIXTURE D	
DENSITY TEST METHOD	CORES/CORRELATION	CORES/CORRELATION	CORES/CORRELATION

- MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.
- WHEN RAP EXCEEDS 20%, THE VIRGIN ASPHALT BINDER SHALL BE REDUCED BY ONE GRADE (i.e. 25% RAP WOULD REQUIRE A VIRGIN ASPHALT BINDER GRADE OF PG64-22 TO BE REDUCED TO A PG58-22).

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT 7.5"±
- (B) AGGREGATE BASE COURSE 20"±
- (C) AGGREGATE SHOULDER
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18
- (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18
- (F) EXISTING GUARDRAIL
- (G) GROUND SURFACE
- (H) PAVEMENT REMOVAL
- (I) AGGREGATE BASE COURSE GRADING (SEE NOTE 1) (INCLUDED IN PREPARATION OF BASE)
- (J) COMBINATION CURB AND GUTTER REMOVAL
- (K) GUARDRAIL REMOVAL
- (L) AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
- (M) ITEM TO BE REMOVED

PROPOSED LEGEND

- (1A) HOT-MIX ASPHALT - OVERLAY - 7" SURFACE COURSE, MIX "D" N70 - 2" BINDER COURSE, IL-19.0, N70 - 2.75" BINDER COURSE, IL-19.0, N70 - 2.25" (SEE NOTE 4)
- (1B) HOT-MIX ASPHALT - OVERLAY - 8.75" SURFACE COURSE, MIX "D" N70 - 2" BINDER COURSE, IL-19.0, N70 - 2.75" BINDER COURSE, IL-19.0, N70 - 4" (SEE NOTE 4)
- (1C) HOT MIX ASPHALT - 15.75" SURFACE COURSE, MIX "D" N70 - 2" BINDER COURSE, IL-19.0, N70 - 2.75" BINDER COURSE, IL-19.0, N70 - 2.25" (SEE NOTE 4) BINDER COURSE, IL-19.0, N70 - 8.75" (SEE NOTE 5)
- (1D) HOT MIX ASPHALT - 15.75" SURFACE COURSE, MIX "D" N70 - 2" BINDER COURSE, IL-19.0, N70 - 2.75" BINDER COURSE, IL-19.0, N70 - 4" (SEE NOTE 4) BINDER COURSE, IL-19.0, N70 - 7" (SEE NOTES 3 & 5)
- (2A) AGGREGATE, SUBGRADE - 12"
- (2B) AGGREGATE BASE COURSE, TYPE B - 4"
- (2C) PREPARATION OF BASE (SEE NOTE 1)
- (3) POROUS GRANULAR EMBANKMENT, SUBGRADE AND GEOTECHNICAL FABRIC (SEE NOTE 2)
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (11.5" FLAG DEPTH)
- (5) TOPSOIL, FURNISH AND PLACE, 4"
- (6) SEEDING, CLASS 2, FERTILIZER AND EROSION BLANKET
- (7) CLASS D PATCHES TYPE I-IV, 8" (SEE NOTE 6)
- (8) STEEL PLATE BEAM GUARDRAIL, TYPE A

NOTES:

- GRADE EXCESS AGGREGATE BASE COURSE INTO WIDENING AREA.
- POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHALL BE TESTED WITH A DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLES 301.03 AND 301.04. IF UNSTABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.

THE FOLLOWING LIMITS OF UNSTABLE SOILS HAVE BEEN IDENTIFIED FOR ESTIMATING PURPOSES:

ROADWAY	LIMITS	ESTIMATED UNDERCUT
PEACE ROAD	STA. 137+50 TO STA. 140+50	6"
PEACE ROAD	STA. 146+45 TO STA. 149+00	3"
- REPLACE ASPHALT BINDER COURSE WITH PCC BASE COURSE WIDENING 7" WHERE ASPHALT WIDENING IS LESS THAN 12" WIDE.
- TRANSITION BINDER DEPTH FROM 2.25" TO 4" FROM STA. 133+50 TO STA. 135+00.
- TRANSITION BINDER DEPTH FROM 8.75" TO 7" FROM STA. 133+50 TO STA. 135+00.
- AS DETERMINED BY THE ENGINEER.

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DESIGNED - DJS	REVISED - 08-4-2010 IDOT REVIEW
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-sht-typical.dgn

**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

**TYPICAL SECTIONS AND
STRUCTURAL DESIGN DATA**

SCALE: NONE

STA. 146+00 TO STA. 149+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	12
CONTRACT NO. 87465			FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)	

EARTH EXCAVATION										
LOCATION STA TO STA	UNDERCUT AND PGE REPLACEMENT (CY)	UNSUITABLE EXCAVATION (TOPSOIL) (CY)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CY)	EARTH EXCAVATION (CY)	UTILITY EXCAVATION (CY)	EXCESS STRUCTURE EXCAVATION (CY)	TOTAL SUITABLE EXCAVATION (CY)	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) (CY)	EMBANKMENT (CY)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CY)
PEACE ROAD										
STA 126+55 TO STA 128+35	148	130	278	543	-	-	543	462	635	(173)
STA 128+35 TO STA 146+00	1,144	1,106	2,250	1,935	249	-	2,184	1,857	5,012	(3,155)
STA 146+00 TO STA 149+00	101	69	170	410	8	-	418	356	36	320
TOTAL	1,393	1,305	2,698	2,888	257	-	3,145	2,675	5,683	(3,008)

SEEDING SCHEDULE									
LOCATION	TOPSOIL FURNISH AND PLACE, 4" (SQ YD)	SEEDING, CLASS 2 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	EROSION CONTROL BLANKET (SQ YD)	SUPPLEMENTAL WATERING (UNIT)	TEMPORARY EROSION CONTROL SEEDING (POUND)	MULCH, METHOD 2 (ACRE)
PEACE ROAD									
STA 126+55 TO STA 128+35	2,103	0.44	40	40	40	2,103	13	44	0.44
STA 128+35 TO STA 133+50	7,371	1.53	138	138	138	7,371	45	153	1.53
STA 133+50 TO STA 135+00	1,745	0.37	34	34	34	1,745	11	37	0.37
STA 135+00 TO STA 146+00	3,563	0.74	67	67	67	3,563	22	74	0.74
STA 146+00 TO STA 149+00	841	0.18	17	17	17	841	6	18	0.18
TOTAL	15,623	3.26	296	296	296	15,623	97	326	3.26

TEMPORARY DITCH CHECKS	
LOCATION	(FOOT)
PEACE ROAD	
STA 126+19, 87' RT	14
STA 127+22, 92' RT	14
STA 127+75, 92' RT	14
STA 128+20, 92' RT	14
STA 128+57, 93' RT	14
STA 128+95, 97' RT	14
STA 129+29, 98' RT	14
STA 130+94, 93' LT	14
STA 131+53, 83' LT	14
STA 132+64, 87' RT	14
STA 132+75, 77' RT	14
STA 132+82, 67' LT	14
STA 133+26, 79' RT	14
STA 133+36, 62' RT	14
STA 133+73, 71' RT	14
STA 133+81, 56' LT	14
STA 133+91, 55' RT	14
STA 134+76, 49' LT	14
STA 135+07, 58' RT	14
STA 135+16, 46' RT	14
STA 135+97, 44' LT	14
STA 136+54, 42' LT	14
STA 136+69, 34' RT	14
STA 136+82, 38' RT	14
STA 137+50, 30' RT	14
STA 137+68, 41' LT	14
STA 137+76, 37' LT	14
STA 138+75, 37' LT	14
STA 138+83, 34' LT	14
STA 139+23, 36' LT	14
STA 139+32, 33' LT	14
TOTAL	434

INLET AND PIPE PROTECTION	
LOCATION	(EACH)
PEACE ROAD	
STA 129+73, 98' RT	1
STA 130+58, 94' LT	1
STA 131+47, 98' RT	1
STA 132+40, 97' LT	1
STA 136+46, 40' RT	1
STA 143 47, 32' RT	1
STA 146+28, 43' RT	1
TOTAL	7

PERIMETER EROSION BARRIER	
LOCATION	LENGTH (FOOT)
PEACE ROAD	
STA 121+00, 21.5' LT TO STA 124+53, 29.5' LT	380
STA 120+87, 22' RT TO STA 124+30, 28' RT	350
STA 126+65, 55' LT TO STA 130+25, 55' LT	361
STA 126+03, 45' RT TO STA 132+40, 85' RT	642
STA 130+70, 85' LT TO STA 132+85, 60' LT	218
STA 133+10, 55' LT TO STA 135+40, 45' LT	231
STA 135+60, 45' LT TO STA 136+70, 35' LT	112
TOTAL	2,294

INLET FILTERS	
LOCATION	(EACH)
PEACE ROAD	
STA 128+00, 24' LT	1
STA 128+00, 24' RT	1
STA 130+50, 24' LT	1
STA 130+50, 24' RT	1
STA 133+00, 24' LT	1
STA 133+00, 24' RT	1
STA 135+50, 24' LT	1
STA 135+50, 24' RT	1
STA 138+00, 24' LT	1
STA 138+00, 24' RT	1
STA 140+66, 24' LT	1
STA 140+67, 24' RT	1
STA 143+42, 27' LT	1
STA 143+41, 27' RT	1
STA 146+17, 30' LT	1
STA 146+17, 28' RT	1
STA 146+28, 30, RT	1
STA 147+58, 32' LT	1
STA 147+63, 32' RT	1
STA 147+68, 32' LT	1
STA 147+69, 31' RT	1
TOTAL	21

STONE RIPRAP CLASS A4	
LOCATION	(SQ YD)
PEACE ROAD	
STA 130+50, 86' LT	7
STA 130+50, 84' RT	7
STA 133+00, 57' LT	7
STA 133+00, 81' RT	7
STA 135+50, 39' LT	7
STA 135+50, 49' RT	7
STA 138+00, 36' LT	7
TOTAL	49

PAVING SCHEDULE						
LOCATION	AGGREGATE SUBGRADE 12" (SQ YD)	PREPARATION OF BASE (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (TON)	AGGREGATE (PRIME COAT) (TON)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (TON)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (TON)
PEACE ROAD						
STA 126+55 TO STA 128+35	592	496	3	8	408	111
STA 128+35 TO STA 133+50	1,793	-	5	22	1,515	316
STA 133+50 TO STA 135+00	526	-	2	7	463	93
STA 135+00 TO STA 146+00	2,252	-	8	50	3,012	714
STA 146+00 TO STA 149+00	402	2,125	6	19	1,836	263
TOTAL	5,565	2,621	24	106	7,234	1,497

HOT-MIX ASPHALT DRIVEWAY SCHEDULE				
LOCATION	TYPE	AGGREGATE BASE COURSE, TYPE B 6" (SQ YD)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (TON)	INCIDENTAL HOT-MIX ASPHALT SURFACING (TON)
PEACE ROAD				
STA 136+21, RT	CE	47	11	6
PLEASANT STREET				
STA 311+23, RT	CE	51	12	6
TOTAL		98	23	12

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DESIGNED - DJS	REVISED - 08-4-2010 IDOT REVIEW
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-SCHEDULE-QNTY.dgn

**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

SCHEDULE OF MATERIALS

SCALE: STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	13
CONTRACT NO. 87465				
FED. ROAD DIST. NO. 3 (ILLINOIS) FED. AID PROJECT M-5017 (043)				

CONCRETE SCHEDULE						
LOCATION	AGGREGATE BASE COURSE, TYPE B 4" (SQ YD)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)	REINFORCEMENT BARS (POUND)	DETECTABLE WARNINGS (SQ FT)	PROTECTIVE COAT (SQ YD)
PEACE ROAD						
STA 126+55 TO STA 128+35	124	360	-	107	-	104
STA 128+35 TO STA 133+50	353	1,030	-	575	-	296
STA 133+50 TO STA 135+00	103	300	-	14	-	86
STA 135+00 TO STA 146+00	753	2,200	-	681	-	631
STA 146+00 TO STA 149+00	295	710	465	451	64	256
TOTAL	1,628	4,600	465	1,828	64	1,373

ROADWAY REMOVAL SCHEDULE					
LOCATION	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (SQ YD)	PAVEMENT REMOVAL (SQ YD)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	COMBINATION CURB AND GUTTER REMOVAL (FOOT)	GUARDRAIL REMOVAL (FOOT)
PEACE ROAD					
STA 126+55 TO STA 128+35	225	730	-	-	-
STA 126+76, 28' LT TO STA 130+77, 26' LT	-	-	-	-	401
STA 126+53, 28' RT TO STA 130+54, 25' RT	-	-	-	-	401
STA 128+35 TO STA 133+50	-	369	-	-	-
STA 133+50 TO STA 135+00	-	34	-	-	-
STA 135+00 TO STA 146+00	-	283	-	1,062	-
STA 146+00 TO STA 149+00	500	2,140	49	736	-
TOTAL	725	3,556	49	1,798	802

GUARD RAIL AND TRAFFIC BARRIER TERMINAL SCHEDULE						
LOCATION	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) (EACH)	GUARDRAIL MARKERS, TYPE A (EACH)	TERMINAL MARKER DIRECT APPLIED (EACH)
PEACE ROAD						
STA 126+50.6, 26' RT TO STA 126+96.6, 26' RT	-	-	1	-	-	-
STA 126+73.5, 26' LT TO STA 127+19.1, 26' LT	-	-	1	-	-	-
STA 126+96.3, 26' RT TO STA 130+83.8, 26' RT	388	-	-	-	4	-
STA 127+19.1, 26' LT TO STA 132+69.1, 26' LT	550	-	-	-	4	-
STA 130+83.8, 26' RT TO STA 130+96.3, 26' RT	-	1	-	-	-	1
STA 132+69.1, 26' LT TO STA 133+19.1, 26' LT	-	-	-	1	-	1
TOTAL	938	1	2	1	8	2

FENCING SCHEDULE				
LOCATION	CHAIN LINK FENCE, 4' (FOOT)	CHAIN LINK FENCE, 7' (SPECIAL) (FOOT)	CHAIN LINK FENCE REMOVAL (SPECIAL) (FOOT)	TEMPORARY FENCE (FOOT)
PEACE ROAD				
STA 129+00, 100' RT TO STA 132+71, 98' RT	-	-	-	400
STA 138+08, 44' LT TO STA 140+50, 34' LT	-	250	250	-
STA 143+75, 35' RT TO STA 144+75, 50' RT	115	-	115	110
TOTAL	115	250	365	510

TEMPORARY PAVEMENT MARKING SCHEDULE									
	PAVEMENT MARKING REMOVAL (SQ FT)	SHORT-TERM PAVEMENT MARKING (FOOT)	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS (SQ FT)	TEMPORARY PAVEMENT MARKING - LINE 4" (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 6" (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 8" (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 12" (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 24" (FOOT)	WORK ZONE PAVEMENT MARKING REMOVAL (SQ FT)
TOTAL FROM STAGE 2	6,661	-	-	1,150	-	-	-	-	230
TOTAL FROM STAGE 3	-	-	200	15,890	1,120	-	-	150	3,694
TOTAL FROM STAGE 4	-	-	200	15,890	1,120	-	-	150	3,694
TOTAL FROM STAGE 5	-	-	200	15,910	1,120	-	-	150	3,698
TOTAL FROM STAGE 6	-	1,347	236	21,548	290	1,058	1,131	153	5,954
TOTAL	6,661	1,347	836	70,388	3,650	1,058	1,131	603	17,270

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DESIGNED - DJS	REVISED - 08-4-2010 IDOT REVIEW
DRAWN - UKB	REVISED -
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DATE - 05-03-2010	FILE NAME - 081068-SCHEDULE-QNTY.dgn

CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS

SCALE:		STA. TO STA.	

SCHEDULE OF MATERIALS

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	14
CONTRACT NO. 87465				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				

SIGNING SCHEDULE						
TYPE	DESCRIPTION	SIZE	LOCATION	SIGN PANEL - TYPE 1 (SQ FT)	RELOCATE SIGN PANEL - TYPE 1 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FT)
W8-5	Slippery When Wet	30" x 30"	129+16, 30' LT	6.25	-	16
W4-2R	Lane Ends	36" x 36"	133+01, 32' LT	9	-	17
R2-1	Speed Limit	24" x 30"	135+00, 30' LT	5	-	15
R2-1	Speed Limit	24" x 30"	135+00, 30' RT	5	-	18
R5-L,02	Truck Route	24" x 24"	135+00, 30' RT	4	-	-
W9-1R	Right Lane Ends	30" x 30"	140+50, 30' LT	6.25	-	16
R2-1	Speed Limit	24" x 30"	147+90, 36' LT	5	-	18
R5-L,02	Truck Route	24" x 24"	147+90, 36' LT	4	-	-
I-5	Airport	24" x 24"	148+00, 36' RT	4	-	17
	Learn to Fly Here	24" x 24"	148+00, 36' RT	-	4	-
R10-6a	Stop Here on Red	24" x 30"	309+38, 33' RT	5	-	-
			Traffic Signal Post Mounted			
Road Name Sign	Pleasant St	66" x 18"	148+62, 51' LT Mast Arm Mounted	8.25	-	-
Road Name Sign	Peace Rd	54" x 18"	148+71, 64' RT Mast Arm Mounted	6.75	-	-
Road Name Sign	Peace Rd	54" x 18"	149+65, 53' LT Mast Arm Mounted	6.75	-	-
Road Name Sign	Pleasant St	66" x 18"	149+67, 50' RT Mast Arm Mounted	8.25	-	-
TOTAL				84	4	117

PAVEMENT MARKING SCHEDULE							
LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SQ FT)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (FOOT)	EPOXY PAVEMENT MARKING - LINE 4" (FOOT)
PEACE ROAD							
STA 120+40, 12' RT TO STA 124+48, 12' RT	-	408	-	-	-	-	-
STA 120+40, CL TO STA 124+53, CL	-	816	-	-	-	-	-
STA 120+40, 12' LT TO STA 124+58, 12' LT	-	418	-	-	-	-	-
STA 124+48, 12' RT TO STA 126+50, 12' RT	-	-	-	-	-	-	202
STA 124+53, CL TO STA 126+55 CL	-	-	-	-	-	-	404
STA 124+58, 12' LT TO STA 126+60, 12' LT	-	-	-	-	-	-	202
STA 126+50, 12' RT TO STA 130+00, 24' RT	-	350	-	-	-	-	-
STA 126+55, CL TO STA 127+00, CL	-	90	-	-	-	-	-
STA 126+60, 12' LT TO STA 133+00, 24' LT	-	640	-	-	-	-	-
STA 127+00, CL TO STA 148+57, 4' LT	-	4,320	-	-	-	-	-
STA 127+00, CL TO STA 148+57, 8' LT	-	4,320	-	-	-	-	-
STA 127+00, CL TO STA 142+1.5, CL	-	-	-	-	279	-	-
STA 130+00, 13' RT TO STA 148+57, 26' RT	-	470	-	-	-	-	-
STA 133+00, 13' LT TO STA 148+57, 20' LT	-	390	-	-	-	-	-
STA 144+49, 7.5' RT TO 145+92, 7.5' RT	-	-	-	36	-	-	-
STA 145+92, 7.5' RT TO 148+57, 8' RT	-	-	-	265	-	-	-
STA 146+16, 2' RT - LEFT TURN ARROW	16	-	-	-	-	-	-
STA 147+25, 2' RT - LEFT TURN ARROW	16	-	-	-	-	-	-
STA 148+33, 2' RT - LEFT TURN ARROW	16	-	-	-	-	-	-
STA 148+57 - STOP BAR	-	-	-	-	-	39	-
STA 148+66 - CROSS WALK	-	-	158	-	208	-	-
STA 149+54 - STOP BAR	-	-	-	-	-	52	-
STA 149+54, 3' RT TO STA 158+50, 6' LT	-	1,802	-	-	-	-	-
STA 149+54, 9' RT TO STA 158+50, 4' LT	-	1,802	-	-	-	-	-
STA 149+54, 21' LT TO STA 158+50, 16' LT	-	220	-	-	-	-	-
STA 149+54, 9' LT TO STA 151+48, 8' LT	-	-	-	194	-	-	-
STA 149+54, 6' RT TO STA 158+50, 5' LT	-	-	-	-	314	-	-
STA 149+54, 21' RT TO STA 158+50, 16' RT	-	220	-	-	-	-	-
STA 150+18, 26' LT - THRU/RIGHT ARROW	26	-	-	-	-	-	-
STA 150+18, 14' LT - THRU ARROW	12	-	-	-	-	-	-
STA 150+18, 2' LT - LEFT TURN ARROW	16	-	-	-	-	-	-
STA 151+38, 26' LT - THRU/RIGHT ARROW	26	-	-	-	-	-	-
STA 151+38, 14' LT - THRU ARROW	12	-	-	-	-	-	-
STA 151+38, 2' LT - LEFT TURN ARROW	16	-	-	-	-	-	-
STA 151+48, 33' LT TO STA 158+50, 30' LT	-	702	-	-	-	-	-
STA 151+48, 8' LT TO STA 153+70, 6' LT	-	-	-	54	-	-	-
STA 151+48, 33' RT TO STA 158+50, 30' RT	-	702	-	-	-	-	-
STA 157+21, 6' RT TO STA 158+50, 6' RT	-	-	-	32	-	-	-
PLEASANT STREET							
STA 302+86, 2' LT TO STA 306+79, 5' LT	-	786	-	-	-	-	-
STA 302+86, 2' LT TO STA 306+79, 5' LT	-	788	-	-	-	-	-
STA 302+86, 2' LT TO STA 306+79, 5' LT	-	-	-	-	87	-	-
STA 305+69, 6' RT TO STA 306+79, 6' RT	-	-	-	28	-	-	-
STA 306+79, 5' LT TO STA 309+39, 5' LT	-	520	-	-	-	-	-
STA 306+79, 6' RT TO STA 309+39, 6' RT	-	-	-	260	-	-	-
STA 307+03, 0.5' RT - LEFT TURN ARROW	16	-	-	-	-	-	-
STA 308+09, 0.5' RT - LEFT TURN ARROW	16	-	-	-	-	-	-
STA 309+15, 0.5' RT - LEFT TURN ARROW	16	-	-	-	-	-	-
STA 309+39 - STOP BAR	-	-	-	-	-	30	-
STA 310+58 - CROSS WALK	-	-	132	-	176	-	-
STA 310+68 - STOP BAR	-	-	-	-	-	32	-
STA 310+68, 6' LT TO STA 312+13, 6' LT	-	-	-	145	-	-	-
STA 310+68, 6' RT TO STA 312+13, 6' RT	-	290	-	-	-	-	-
STA 310+92, CL - LEFT TURN ARROW	16	-	-	-	-	-	-
STA 311+89, CL - LEFT TURN ARROW	16	-	-	-	-	-	-
STA 312+13, 6' LT TO STA 313+88, 6' LT	-	-	-	44	-	-	-
STA 312+13, 6' RT TO STA 315+86, 1' LT	-	746	-	-	-	-	-
STA 312+13, 6' RT TO STA 315+86, 1' LT	-	748	-	-	-	-	-
STA 312+13, 6' RT TO STA 315+86, 1' LT	-	-	-	-	67	-	-
TOTAL	236	21,548	290	1,058	1,131	153	808

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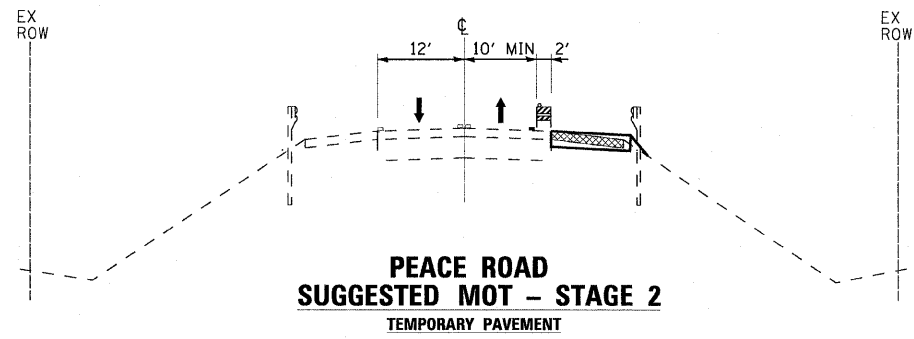


DESIGNED - DJS	REVISED -
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-SCHEDULE-01TY.dgn

**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

SCHEDULE OF MATERIALS	
SCALE:	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	15
FED. ROAD DIST. NO. 3 ILLINOIS				FED. AID PROJECT M-5017 (043)
			CONTRACT NO. 87465	



- LEGEND**
- DIRECTION OF TRAFFIC
 - TYPE II BARRICADES OR DRUMS
 - EXISTING ELEMENTS
 - PROPOSED ELEMENTS
 - EXISTING PAVEMENT MARKINGS
 - TEMPORARY PAVEMENT MARKINGS
 - REMOVAL

MAINTENANCE OF TRAFFIC NOTES:
THE FOLLOWING GENERAL NOTES SHALL APPLY TO ALL STAGES OF CONSTRUCTION.

1. ALL ROADWAYS SHALL BE OPEN TO TWO-WAY TRAFFIC AT ALL TIMES UNLESS OTHERWISE NOTED IN STAGING PLANS.
2. ACCESS FOR LOCAL TRAFFIC, MAIL SERVICE, GARBAGE SERVICE AND EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES.
3. THE ENGINEER SHALL BE NOTIFIED OF ANY CHANGES IN CONSTRUCTION STAGING. ALL CHANGES TO CONSTRUCTION STAGING MUST BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.
4. THE CONTRACTOR SHALL SUBMIT A PRE-PLANNED SEQUENCE OF WORK AT THE PRECONSTRUCTION CONFERENCE FOR REVIEW AND APPROVAL. WORK SHALL BE SCHEDULED TO MINIMIZE INCONVENIENCE TO RESIDENTS AND TO MAINTAIN A REASONABLE LEVEL OF CONSTRUCTION EFFICIENCY. THE CITY RESERVES THE RIGHT TO RESTRICT WORK ON ANY AREA IF TRAFFIC CONTROL OPERATIONS BECOME UNACCEPTABLE.
5. CONSTRUCTION OPERATIONS INVOLVING THE TEMPORARY CLOSING OF DRIVEWAYS SHALL NOT COMMENCE WITHOUT THE CONTRACTOR NOTIFYING THE CITY AT LEAST THREE DAYS PRIOR. THE CONTRACTOR WILL ALSO BE REQUIRED TO PROVIDE 48-HOUR NOTICE TO AFFECTED PARTIES BY DISTRIBUTING NOTICES AND/OR POSTING SIGNS.
6. WHERE TRAFFIC IS TO BE PLACED ON PROPOSED HMA BINDER IN SUBSEQUENT STAGING, THE HMA BINDER SHALL BE RAMPED TO MATCH THE EXISTING PAVEMENT ELEVATION AT THE BRIDGE DECK AND AT PLEASANT STREET. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA BINDER. RAMP SHALL BE REMOVED BY MILLING THE BINDER TO A DEPTH OF 4.5 INCHES BELOW THE EXISTING PAVEMENT FOR HMA BINDER COURSES AND 2 INCHES BELOW THE EXISTING PAVEMENT FOR HMA SURFACE COURSES TO ASSURE AN ADEQUATE LIFT THICKNESS OF THE HMA MIXTURE. THIS WORK SHALL BE PAID FOR AS HMA SURFACE REMOVAL - BUTT JOINT.
7. THE WORK ZONE SPEED LIMIT SHALL BE REDUCED TO 40 MPH AND POSTED WITH S250 FINE MINIMUM THROUGHOUT ALL STAGES OF CONSTRUCTION.
8. BARRICADE AND/OR DRUM SPACING SHALL BE IN ACCORDANCE WITH THE APPLICABLE HIGHWAY STANDARD EXCEPT THAT THE MAXIMUM SPACING SHALL BE 50 FEET.

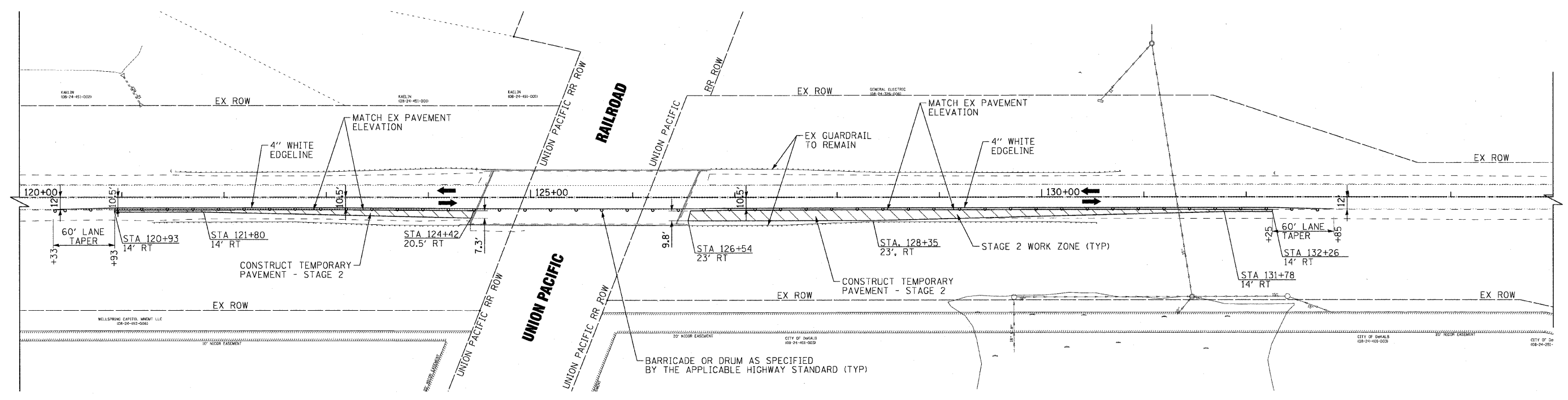
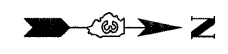
STAGE 1 - PEACE ROAD AND PLEASANT STREET
ESTABLISH EROSION CONTROL MEASURES, ADVANCED TRAFFIC CONTROL SIGNAGE, AND CONSTRUCTION SPEED LIMIT.

STAGE 2 - PEACE ROAD
NARROW THE NORTHBOUND LANE TO 10' MINIMUM AND MAINTAIN EXISTING SOUTHBOUND LANE AND ALL EXISTING GUARDRAIL AT THE BRIDGE. MAINTAIN EXISTING TRAFFIC PATTERNS AT PLEASANT STREET. MAINTAIN TWO-WAY TRAFFIC DURING ENTIRE STAGE 2 CONSTRUCTION.

1. CONSTRUCT TEMPORARY PAVEMENT ON THE SOUTHEAST AND NORTHEAST SHOULDERS OF PEACE ROAD AT THE BRIDGE TO BE USED AS A TEMPORARY RUNAROUND DURING STAGES 3 AND 5.
2. INSTALL TEMPORARY TRAFFIC SIGNALS AT PLEASANT STREET CONFIGURED FOR STAGE 3 CONSTRUCTION.

STAGE 6 - PEACE ROAD AND PLEASANT STREET
CONFIGURE TRAFFIC PATTERNS TO FINAL CONDITIONS UTILIZING THE PERMANENT TRAFFIC SIGNAL SYSTEM. MAINTAIN TWO-WAY TRAFFIC DURING ENTIRE STAGE 6 CONSTRUCTION.

1. INSTALL HMA SURFACE COURSE ON PEACE ROAD AND PERMANENT PAVEMENT MARKINGS OVER ENTIRE IMPROVEMENTS.
2. COMPLETE PUNCH LIST ITEMS AND REMOVE TEMPORARY EROSION CONTROL MEASURES ONCE PERMANENT EROSION CONTROL MEASURES HAVE BEEN ESTABLISHED.



PEACE ROAD

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**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

**SUGGESTED MAINTENANCE OF TRAFFIC - GENERAL NOTES
AND STAGES 1, 2 AND 6
PEACE ROAD AND PLEASANT STREET**

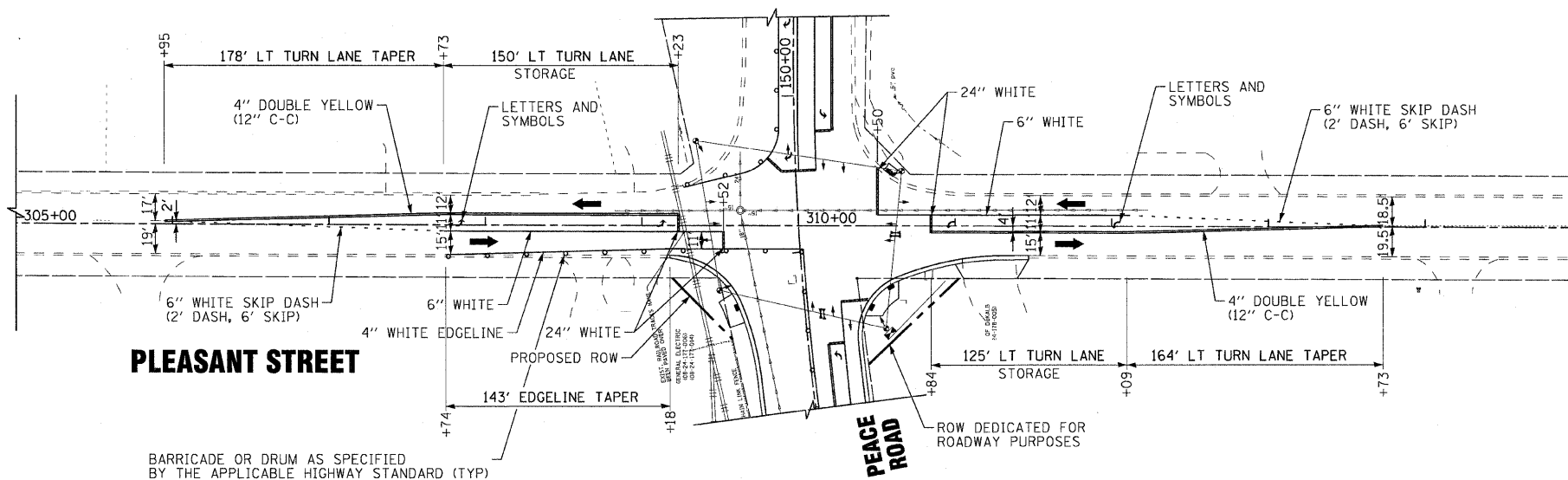
SCALE: 1"=50'
STA. 120+00 TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	16
CONTRACT NO. 87465			FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)	

STAGES 3-5 – PLEASANT STREET

SHIFT PLEASANT STREET TRAFFIC NORTH. MAINTAIN ONE THROUGH LANE AND ONE LEFT TURN LANE IN EACH DIRECTION ON PLEASANT STREET.

1. REMOVE RAILROAD TRACKS AND INSTALL HMA PAVEMENT PATCH. MAINTAIN TWO-WAY TRAFFIC WITH FLAGGERS DURING RAILROAD TRACK REMOVAL AND HMA PATCHING. THIS WORK SHALL BE RESTRICTED TO DAYTIME LANE CLOSURES WITH FLAGGERS BETWEEN THE HOURS OF 9AM AND 3PM INCLUDING HMA PAVEMENT PATCHING. FAILURE TO OPEN THE ROAD BY 3 PM EACH DAY WILL RESULT IN A TRAFFIC CONTROL DEFICIENCY DEDUCTION IN ACCORDANCE WITH SECTION 105.03 (B) OF THE STANDARD SPECIFICATIONS. PLEASANT STREET SHALL REMAIN OPEN TO TWO-WAY TRAFFIC DURING ALL OTHER TIMES DURING THESE STAGES OF CONSTRUCTION.



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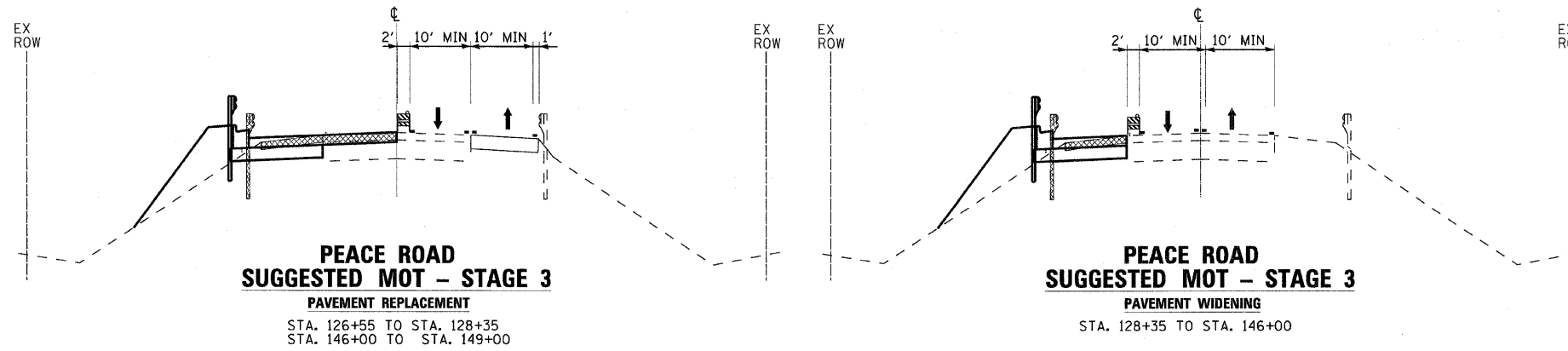
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DATE - 05-03-2010	FILE NAME - 081068-MOT-PLEASNT.dg

**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

**SUGGESTED MAINTENANCE OF TRAFFIC – STAGES 3 – 5
PLEASANT STREET**

SCALE: 1"=50' STA. 305+00 TO STA. 315+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)			CONTRACT NO. 87465	

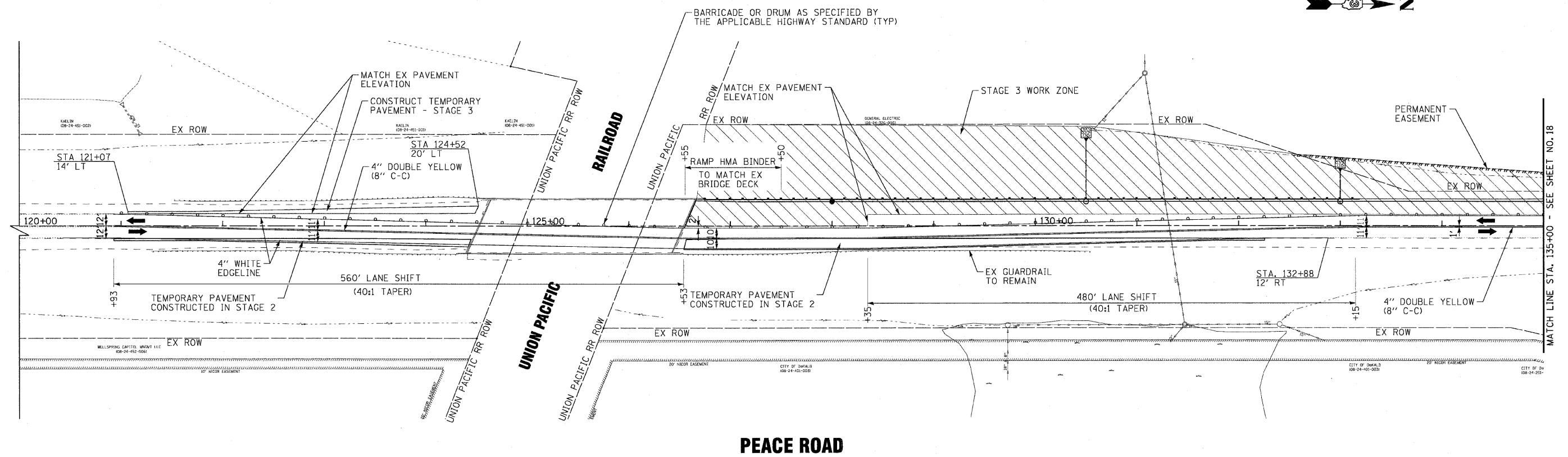


STAGE 3 - PEACE ROAD
 SWITCH TRAFFIC SIGNAL OPERATIONS AT PLEASANT STREET TO THE TEMPORARY TRAFFIC SIGNALS. SHIFT TRAFFIC ONTO THE EAST HALF OF PEACE ROAD AND THE TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 2. MAINTAIN ONE THROUGH LANE IN EACH DIRECTION NEAR THE BRIDGE AND ONE THROUGH LANE AND ONE LEFT TURN LANE IN EACH DIRECTION AT PLEASANT STREET. MAINTAIN ONE RIGHT TURN LANE ON SOUTHBOUND PEACE ROAD AT PLEASANT STREET. MAINTAIN TWO-WAY TRAFFIC WITH FLAGGERS DURING CONSTRUCTION OF THE STORM SEWER LATERAL AT STATION 138+00 (SEE ITEM 3 BELOW). MAINTAIN TWO-WAY TRAFFIC AT ALL OTHER TIMES OF STAGE 3 CONSTRUCTION.

1. CONSTRUCT WIDENING, STORM SEWER, HMA PAVEMENT PATCHING, GUARDRAIL AND CURB AND GUTTER ON THE WEST HALF OF PEACE ROAD.
2. CONSTRUCT HMA BINDER ON THE WEST HALF OF PEACE ROAD. THE HMA BINDER SHALL MATCH THE ADJACENT EXISTING PAVEMENT ELEVATION ALONG THE ENTIRE LENGTH OF THE IMPROVEMENTS.
3. CONSTRUCT THE STORM SEWER LATERAL AT STATION 138+00 TO THE CENTERLINE OF PEACE ROAD AND INSTALL HMA PAVEMENT PATCHING OVER TRENCH. MAINTAIN TWO-WAY TRAFFIC WITH FLAGGERS DURING INSTALLATION OF THE LATERAL AND PATCH. THIS WORK SHALL BE RESTRICTED TO ONE DAYTIME LANE CLOSURE WITH FLAGGERS BETWEEN THE HOURS OF 9AM AND 3PM INCLUDING THE HMA PAVEMENT PATCH. FAILURE TO OPEN THE ROAD BY 3 PM WILL RESULT IN A TRAFFIC CONTROL DEFICIENCY DEDUCTION IN ACCORDANCE WITH SECTION 105.03 (B) OF THE STANDARD SPECIFICATIONS. PEACE ROAD WILL REMAIN OPEN TO TWO-WAY TRAFFIC AT ALL OTHER TIMES OF STAGE 3 CONSTRUCTION.
4. CONSTRUCT TEMPORARY PAVEMENT ON THE SOUTHWEST SHOULDER OF PEACE ROAD AT THE BRIDGE TO BE USED AS A TEMPORARY RUNAROUND DURING STAGE 4.

LEGEND

- DIRECTION OF TRAFFIC
- TYPE II BARRICADES OR DRUMS
- EXISTING ELEMENTS
- PROPOSED ELEMENTS (PRIOR STAGES)
- PROPOSED ELEMENTS (CURRENT STAGE)
- EXISTING PAVEMENT MARKINGS
- TEMPORARY PAVEMENT MARKINGS
- REMOVAL



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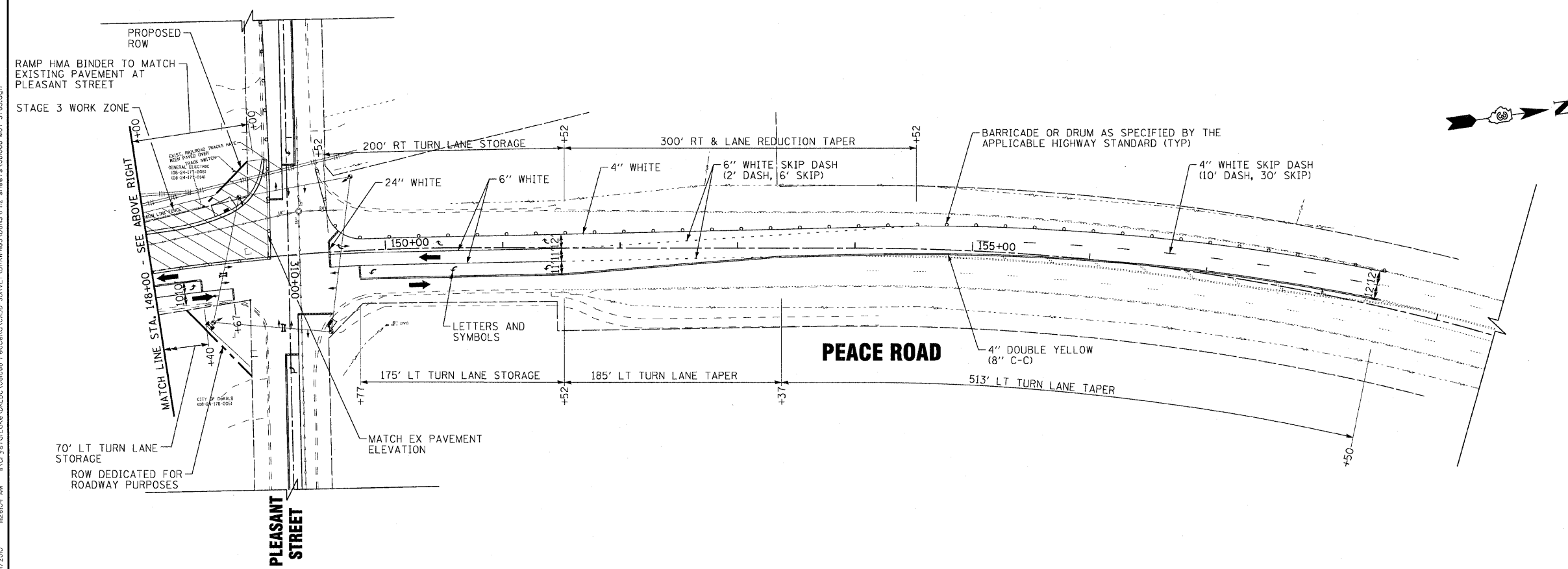
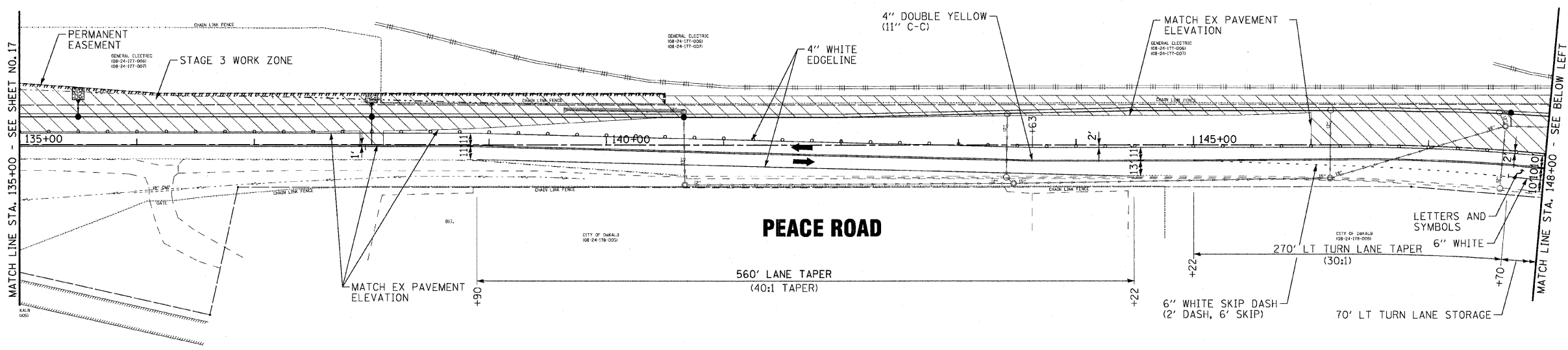
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**CITY OF DeKALB, ILLINOIS
 PEACE ROAD
 IMPROVEMENTS**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3
 PEACE ROAD**

SCALE: 1"=50'
 STA. 120+00 TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	18
				CONTRACT NO. 87465
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				



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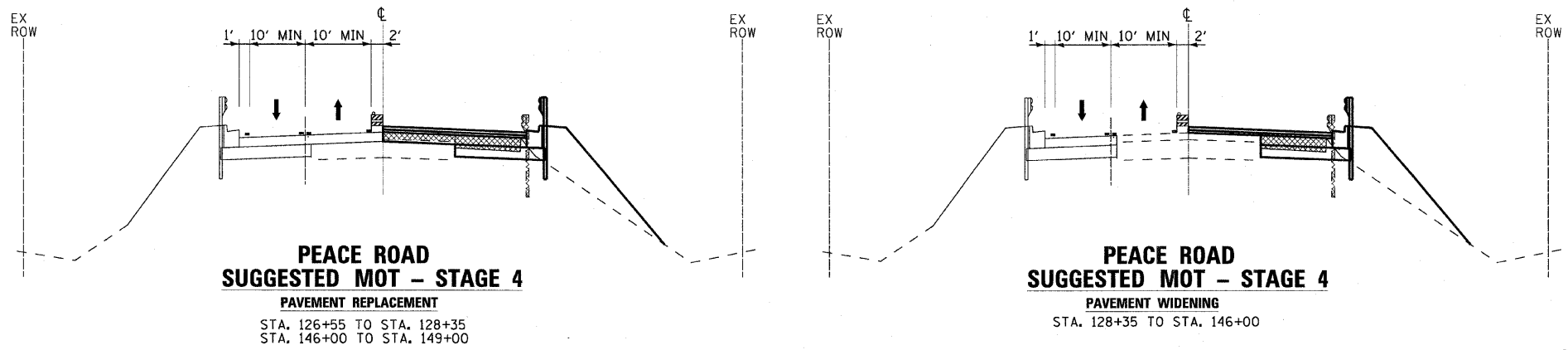


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CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3
PEACE ROAD
 SCALE: 1"=50' STA. 135+00 TO STA. 158+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	19
CONTRACT NO. 87465			FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)	



**PEACE ROAD
SUGGESTED MOT - STAGE 4**
PAVEMENT REPLACEMENT
STA. 126+55 TO STA. 128+35
STA. 146+00 TO STA. 149+00

**PEACE ROAD
SUGGESTED MOT - STAGE 4**
PAVEMENT WIDENING
STA. 128+35 TO STA. 146+00

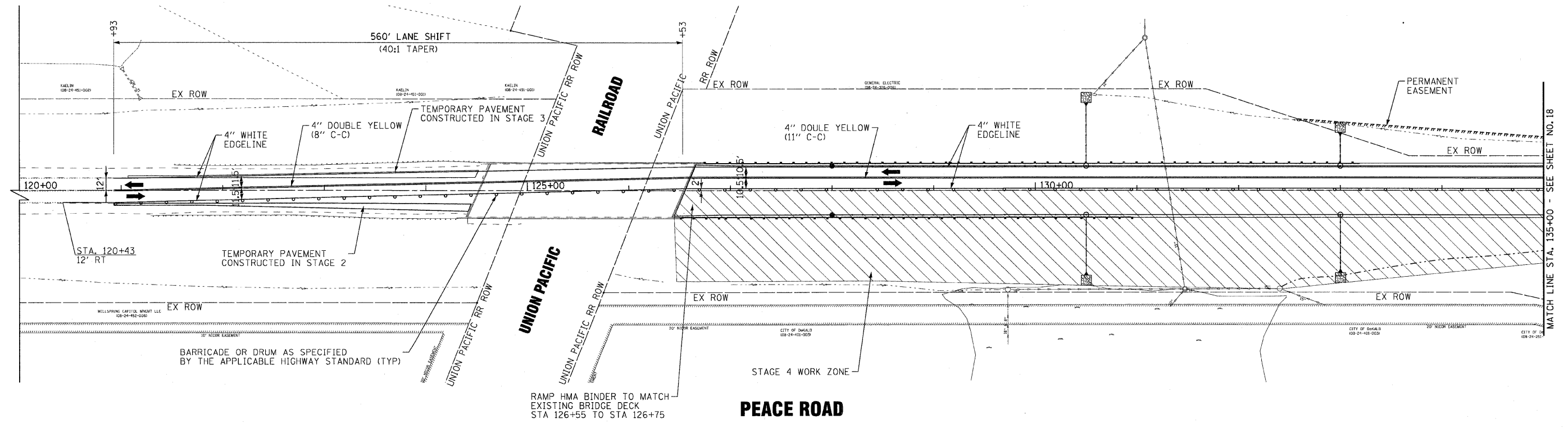
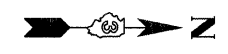
LEGEND

- DIRECTION OF TRAFFIC
- TYPE II BARRICADES OR DRUMS
- EXISTING ELEMENTS
- PROPOSED ELEMENTS (PRIOR STAGES)
- PROPOSED ELEMENTS (CURRENT STAGE)
- EXISTING PAVEMENT MARKINGS
- TEMPORARY PAVEMENT MARKINGS
- REMOVAL

STAGE 4 - PEACE ROAD

RECONFIGURE THE TEMPORARY TRAFFIC SIGNAL HEADS AT PLEASANT STREET AND SHIFT TRAFFIC ONTO THE WEST HALF OF PEACE ROAD CONSTRUCTED IN STAGE 3. MAINTAIN ONE THROUGH LANE IN EACH DIRECTION NEAR THE BRIDGE AND ONE THROUGH LANE AND ONE LEFT TURN LANE IN EACH DIRECTION AT PLEASANT STREET. MAINTAIN TWO-WAY TRAFFIC DURING ENTIRE STAGE 4 CONSTRUCTION.

1. CONSTRUCT WIDENING, STORM SEWER, HMA PAVEMENT PATCHING, GUARDRAIL, AND CURB AND GUTTER ON THE EAST HALF OF PEACE ROAD.
2. CONSTRUCT ALL HMA BINDER COURSES ON THE EAST HALF OF PEACE ROAD.
3. INSTALL INTERCONNECT EQUIPMENT ALONG EAST SIDE OF PEACE ROAD.



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 FILE: 081068-MOT-STG4.dgn



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DRAWN - UKB	REVISIONS
CHECKED - RWL	REVISIONS
DATE - 05-03-2010	FILE NAME - 081068-MOT-STG4.dgn

**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

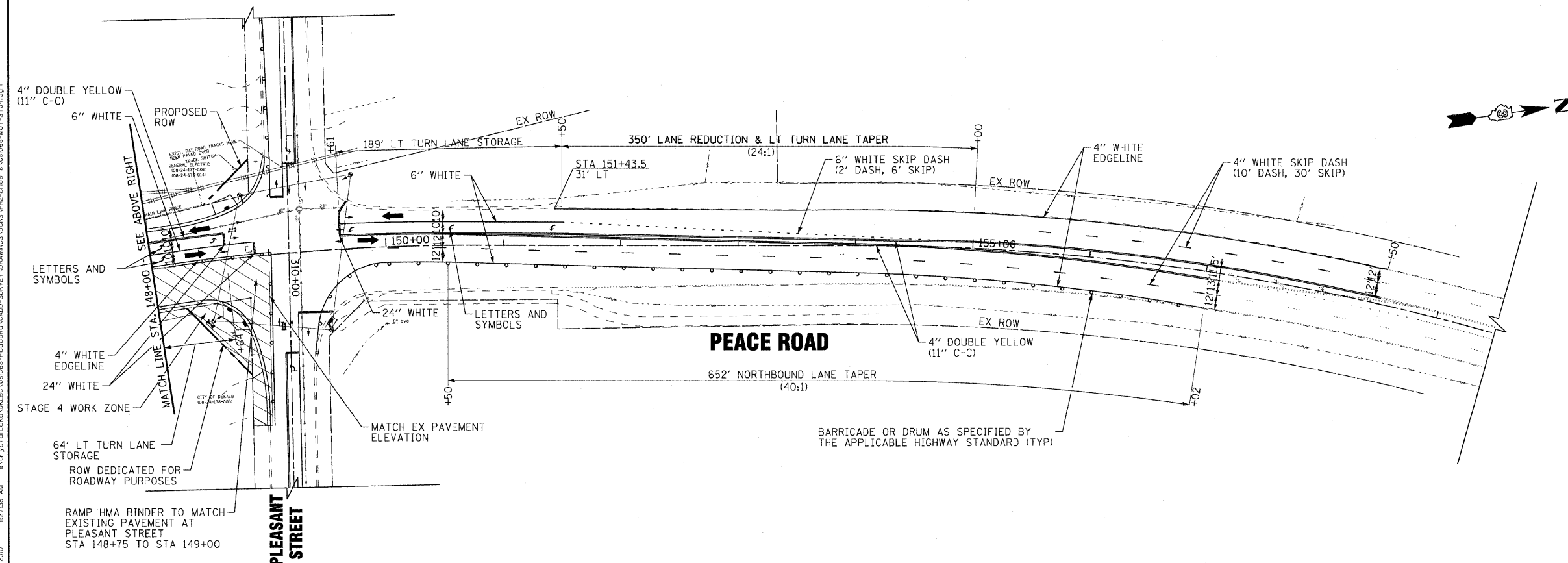
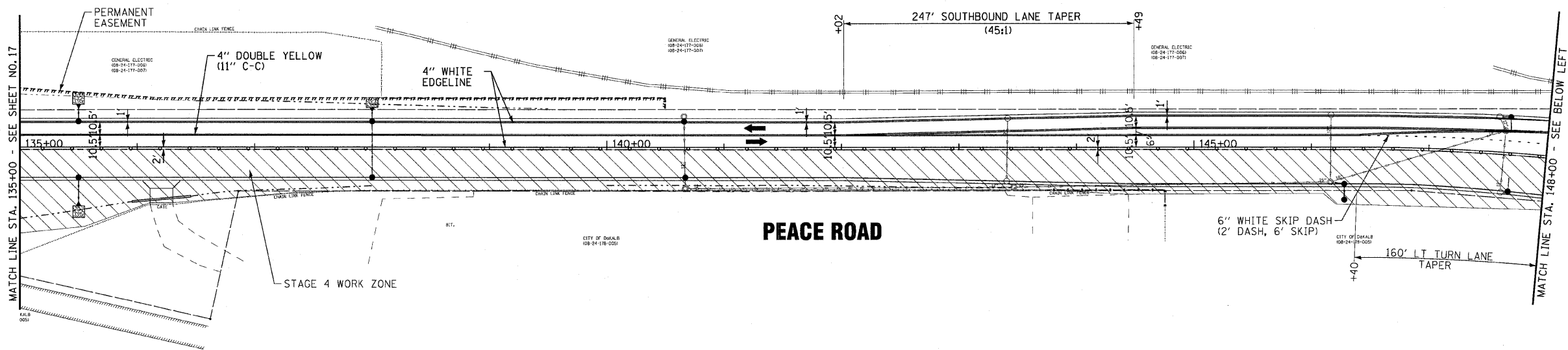
**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 4
PEACE ROAD**

SCALE: 1"=50'

STA. 120+00 TO STA. 135+00

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5369	06-00172-00-WR	DeKALB	64	20
CONTRACT NO. 87465			FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)	

MATCH LINE STA. 135+00 - SEE SHEET NO. 18



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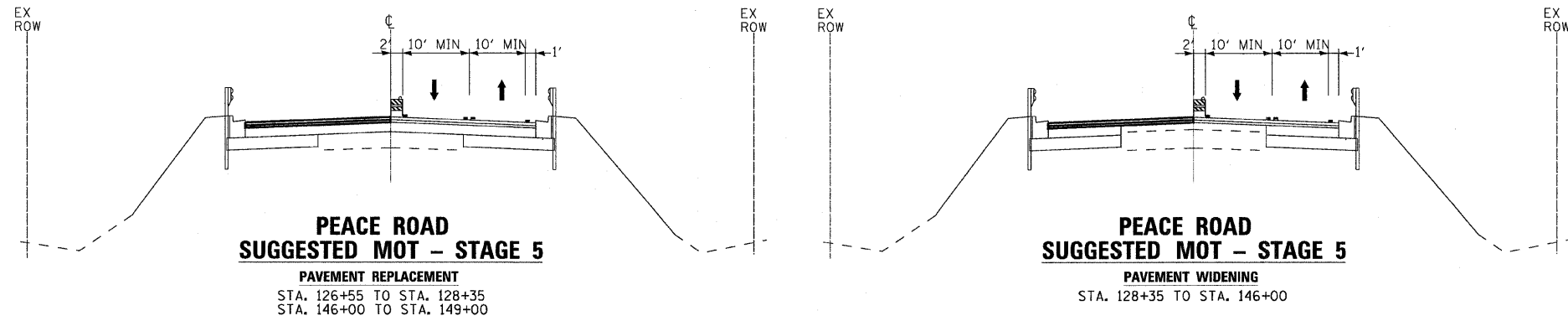
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CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 4
PEACE ROAD

SCALE: 1"=50' STA. 135+00 TO STA. 158+00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	21
			CONTRACT NO. 87465	
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT M-5017 (043)				

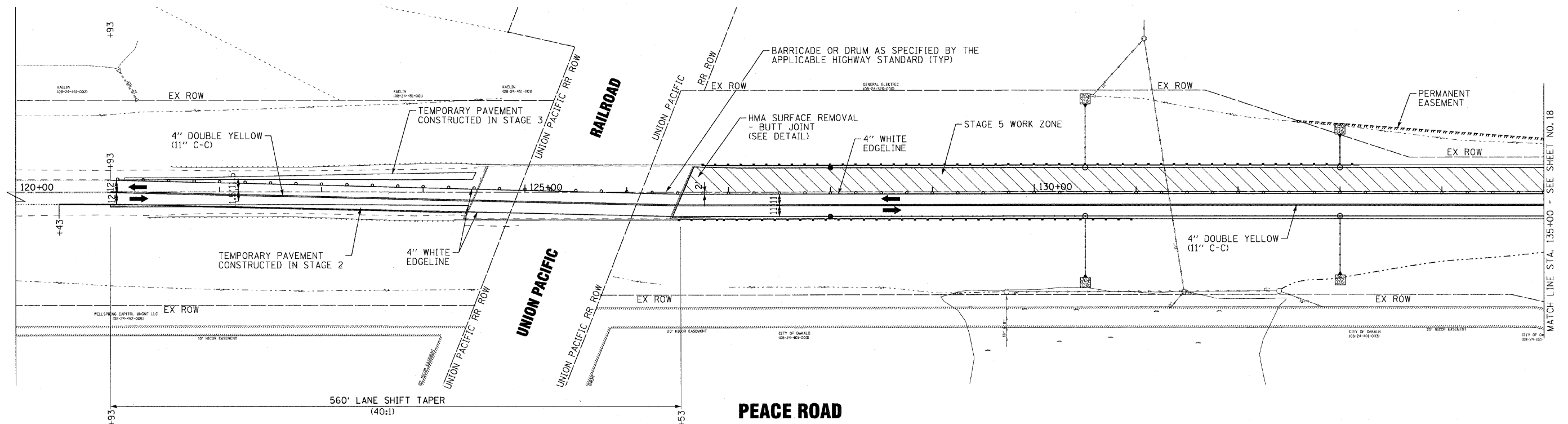


LEGEND

- DIRECTION OF TRAFFIC
- TYPE II BARRICADES OR DRUMS
- EXISTING ELEMENTS
- PROPOSED ELEMENTS (PRIOR STAGES)
- PROPOSED ELEMENTS (CURRENT STAGE)
- EXISTING PAVEMENT MARKINGS
- TEMPORARY PAVEMENT MARKINGS
- REMOVAL

STAGE 5 - PEACE ROAD
 RECONFIGURE THE TEMPORARY TRAFFIC SIGNAL HEADS AT PLEASANT STREET AND SHIFT TRAFFIC ONTO THE EAST HALF OF PEACE ROAD CONSTRUCTED IN STAGE 4. MAINTAIN ONE THROUGH LANE IN EACH DIRECTION NEAR THE BRIDGE AND ONE THROUGH LANE AND ONE LEFT TURN LANE IN EACH DIRECTION AT PLEASANT STREET. MAINTAIN ONE RIGHT TURN LANE ON SOUTHBOUND PEACE ROAD AT PLEASANT STREET. MAINTAIN TWO-WAY TRAFFIC DURING ENTIRE STAGE 5 CONSTRUCTION.

1. INSTALL HMA PAVEMENT PATCHES IN EXISTING ROADWAY NOT YET OVERLAID AND CONSTRUCT THE REMAINING HMA BINDER COURSES NOT CONSTRUCTED IN STAGE 3.
2. INSTALL REMAINING TRAFFIC SIGNAL EQUIPMENT, TEST PERMANENT SIGNAL SYSTEM, SWITCH SIGNAL OPERATION TO PERMANENT SIGNALS, AND REMOVE TEMPORARY SIGNAL EQUIPMENT.



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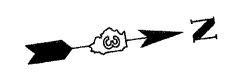
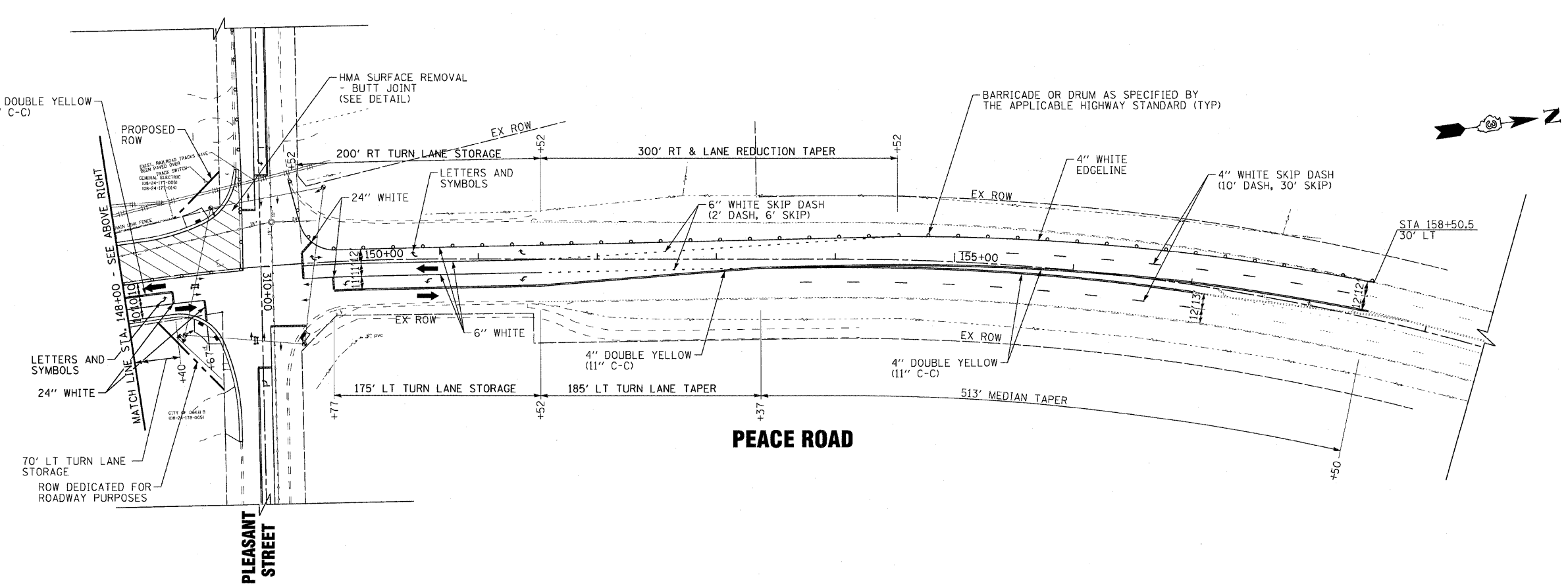
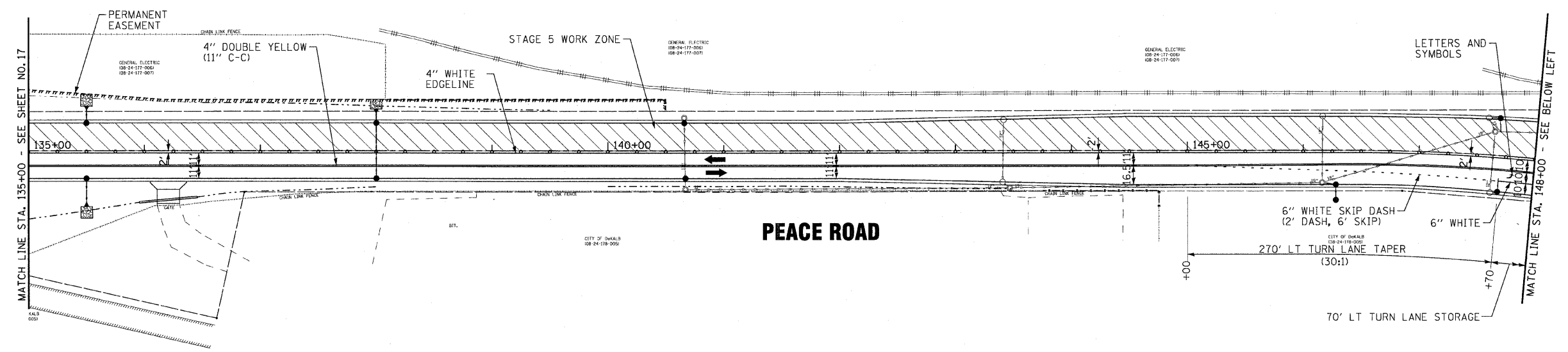
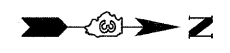


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**CITY OF DeKALB, ILLINOIS
 PEACE ROAD
 IMPROVEMENTS**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 5
 PEACE ROAD**
 SCALE: 1"=50'
 STA. 120+00 TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 87465				
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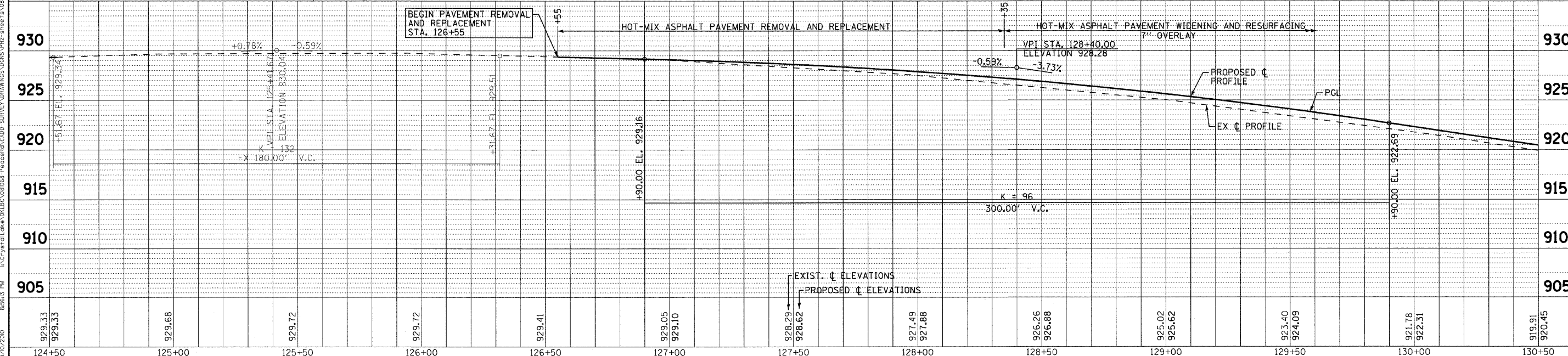
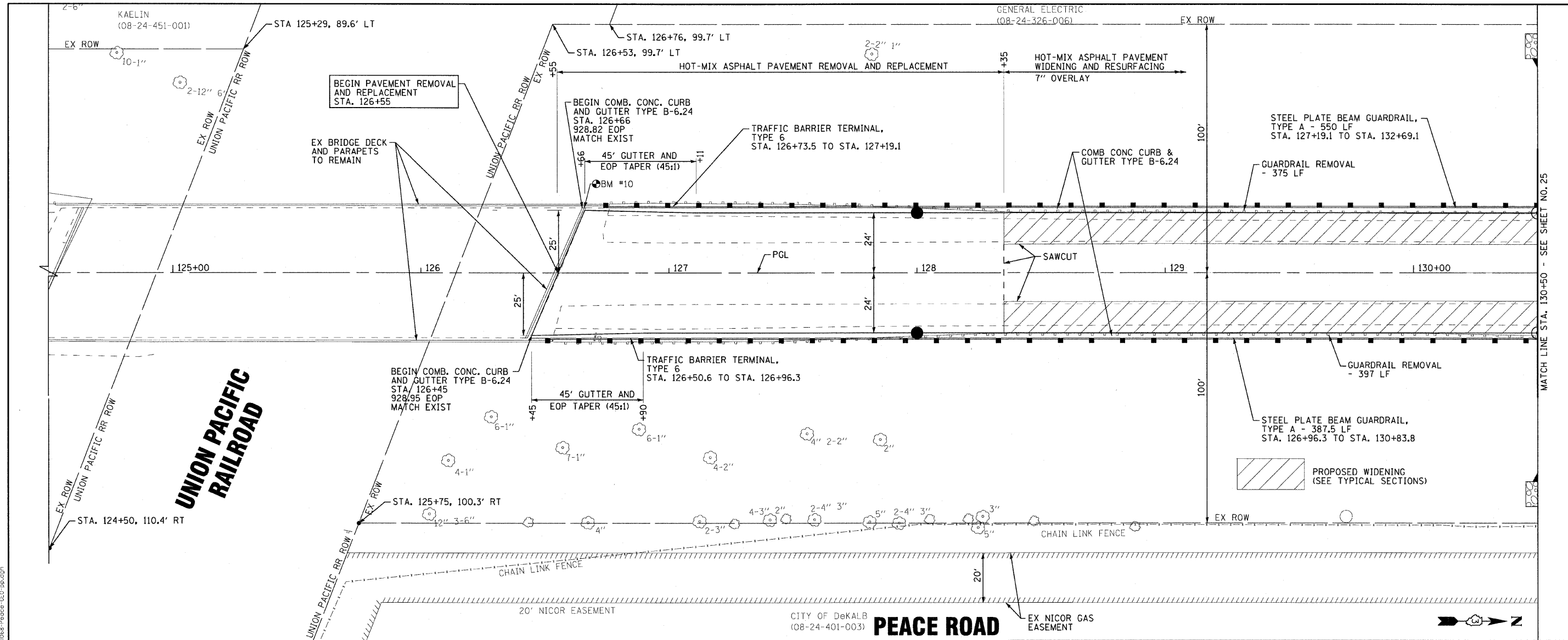


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CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 5
PEACE ROAD
 SCALE: 1"=50'
 STA. 135+00 TO STA. 158+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	23
				CONTRACT NO. 87465
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				



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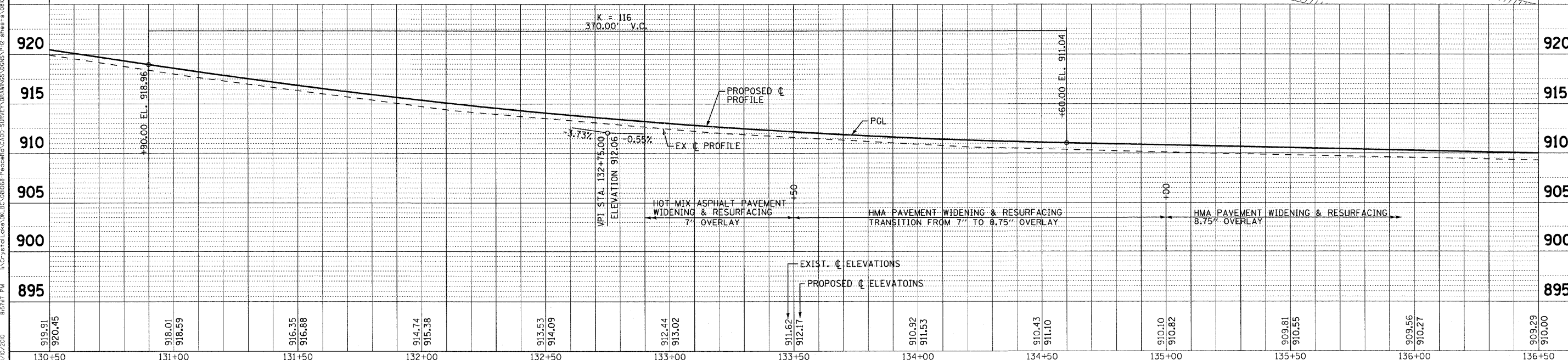
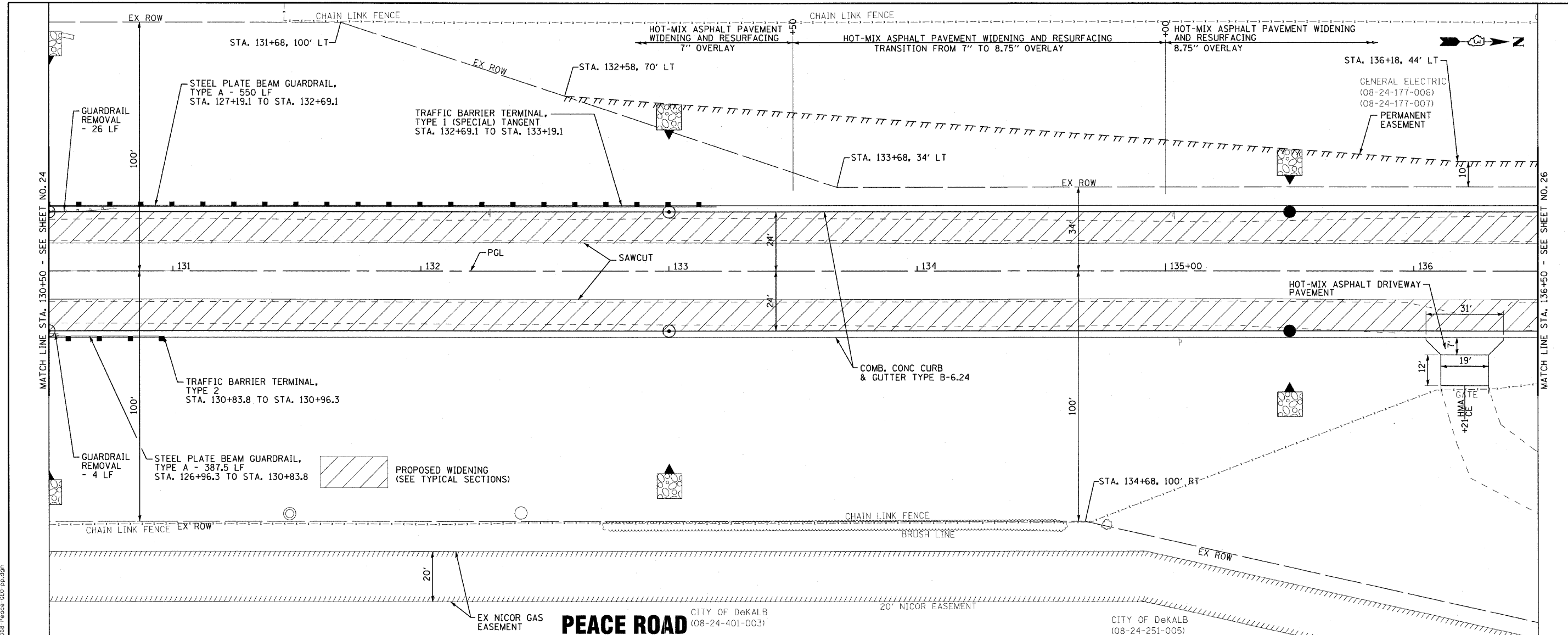
CITY OF DEKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS

GEOMETRICS
PEACE ROAD

SCALE: H: 1"=20' V: 1"=5'
 STA. 124+50 TO STA. 130+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	24
FED. ROAD DIST. NO. 3 ILLINOIS			CONTRACT NO. 87465	
FED. AID PROJECT M-5017 (043)				

MATCH LINE STA. 130+50 - SEE SHEET NO. 25



Station	Existing Elevation	Proposed Elevation
130+50	919.91	920.45
131+00	918.01	918.59
131+50	916.35	916.88
132+00	914.74	915.38
132+50	913.53	914.09
133+00	912.44	913.02
133+50	911.62	912.17
134+00	910.92	911.53
134+50	910.43	911.10
135+00	910.10	910.82
135+50	909.81	910.55
136+00	909.56	910.27
136+50	909.29	910.00

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 LICENSE NO. 084-00021 EXPIRES 4/30/2011
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CHECKED -	RWL	REVISED -	
DATE -	05-03-2010	REVISED -	

CITY OF DEKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS

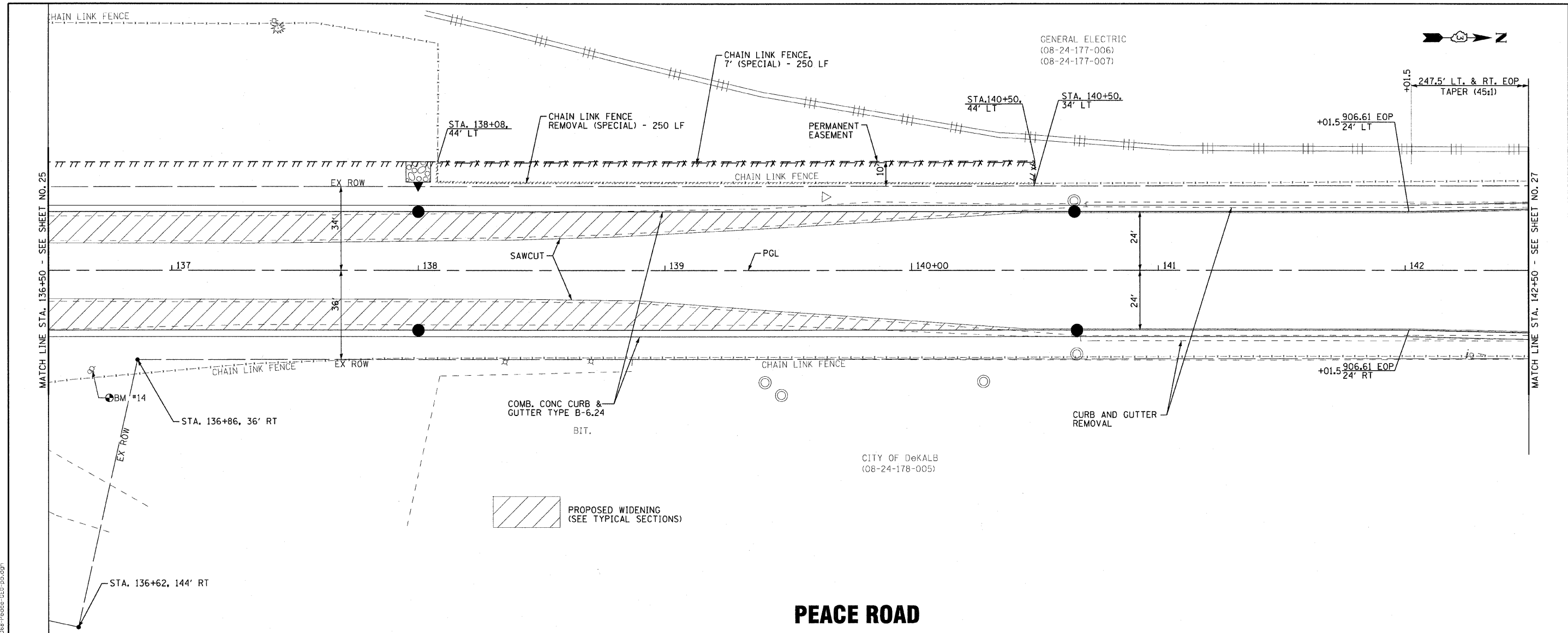
GEOMETRICS
PEACE ROAD

SCALE: H: 1"=20' V: 1"=5'

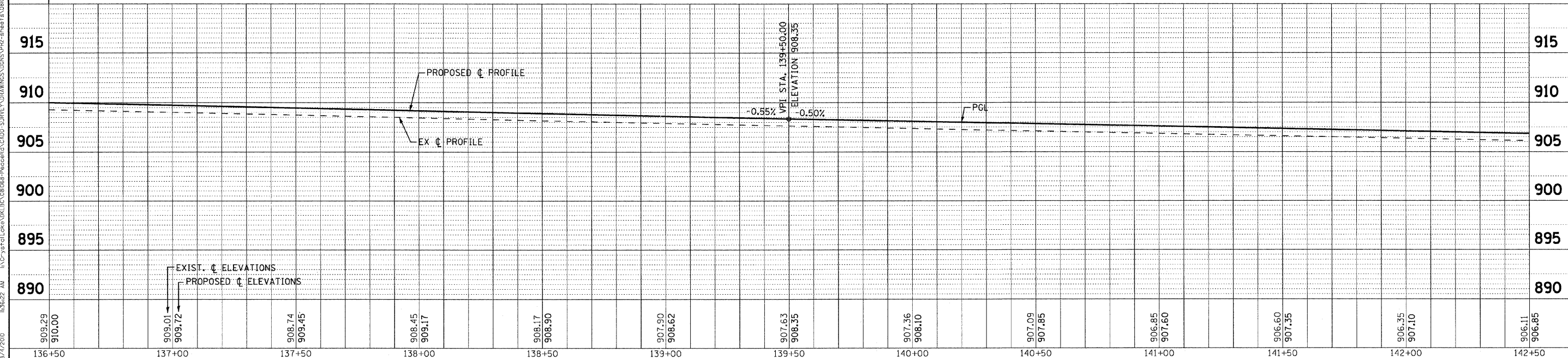
STA. 130+50 TO STA. 136+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	25

CONTRACT NO. 87465
FED. ROAD DIST. NO. 3 | ILLINOIS | FED. AID PROJECT M-5017 (043)



PEACE ROAD



909.29	910.00	909.01	909.72	908.74	909.45	908.45	909.17	908.17	908.90	907.90	908.62	907.63	908.35	907.36	908.10	907.09	907.85	906.85	907.60	906.60	907.35	906.35	907.10	906.11	906.85	
136+50	137+00	137+50	138+00	138+50	139+00	139+50	140+00	140+50	141+00	141+50	142+00	142+50														

DESIGNED -	DJS	REVISED -	
DRAWN -	UKB	REVISED -	
CHECKED -	RWL	REVISED -	
DATE -	05-03-2010	REVISED -	

**CITY OF DEKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

**GEOMETRICS
PEACE ROAD**

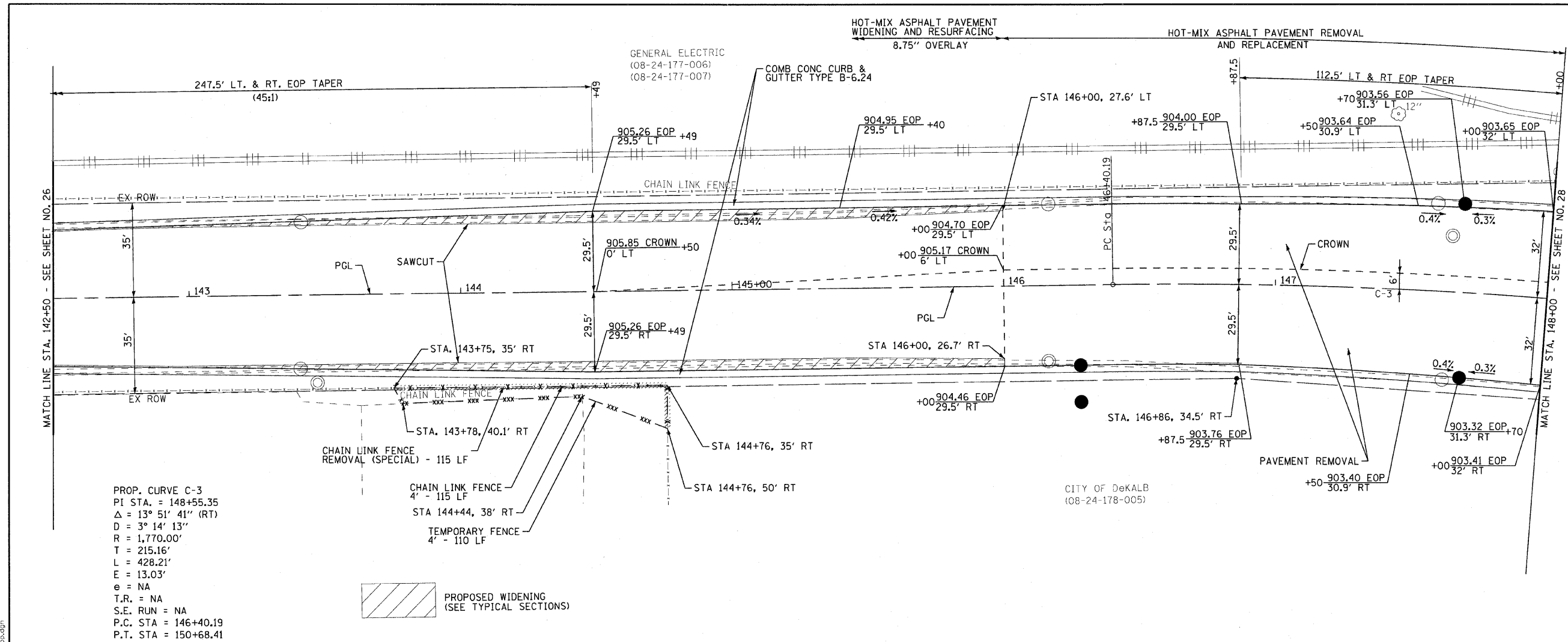
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STA. 136+50 TO STA. 142+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	26
FED. ROAD DIST. NO. 3 (ILLINOIS)			CONTRACT NO. 87465	
FED. AID PROJECT M-5017 (043)				

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 LICENSE NO. 08-00321, EXPIRES 12/30/2011
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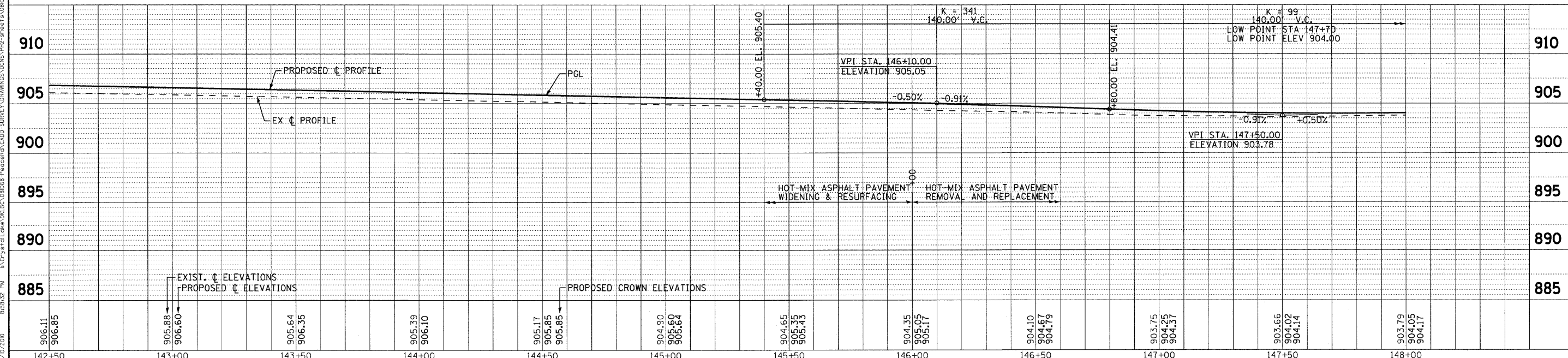
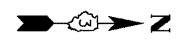




PROP. CURVE C-3
 PI STA. = 148+55.35
 $\Delta = 13^\circ 51' 41''$ (RT)
 $D = 3^\circ 14' 13''$
 $R = 1,770.00'$
 $T = 215.16'$
 $L = 428.21'$
 $E = 13.03'$
 $e = NA$
 $T.R. = NA$
 $S.E. RUN = NA$
 $P.C. STA = 146+40.19$
 $P.T. STA = 150+68.41$

PROPOSED WIDENING
 (SEE TYPICAL SECTIONS)

PEACE ROAD



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 PROJECT NO. 06-00172-00-WR 8/7/2010
 DRAWN BY: UKB
 CHECKED BY: RWL
 DATE: 05-03-2010
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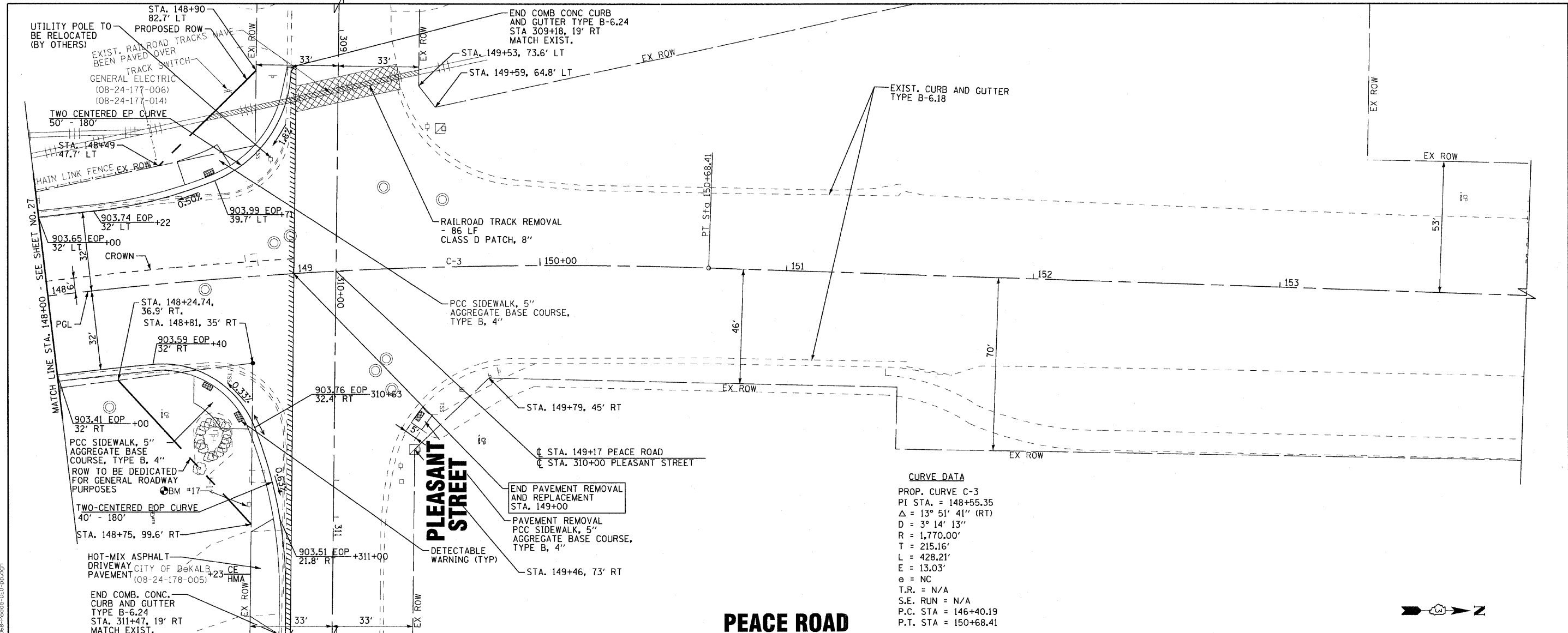
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DRAWN -	UKB	REVISED -	
CHECKED -	RWL	REVISED -	
DATE -	05-03-2010	REVISED -	

CITY OF DEKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS

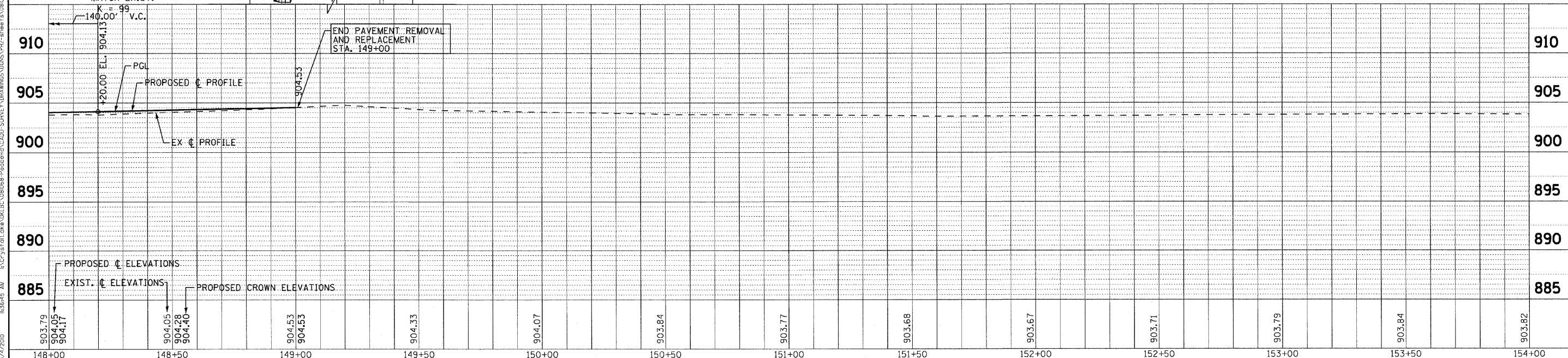
SCALE: H: 1"=20' V: 1"=5'

GEOMETRICS
PEACE ROAD
 STA. 142+50 TO STA. 148+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	27
FED. ROAD DIST. NO. 3 (ILLINOIS)			CONTRACT NO. 87465	
FED. AID PROJECT M-5017 (043)				



CURVE DATA
 PROP. CURVE C-3
 PI STA. = 148+55.35
 $\Delta = 13^\circ 51' 41''$ (RT)
 $D = 3^\circ 14' 13''$
 $R = 1,770.00'$
 $T = 215.16'$
 $L = 428.21'$
 $E = 13.03'$
 $e = NC$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 146+40.19$
 $P.T. STA = 150+68.41$



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 LICENSE NO. 184-00071 - EXPIRES 4/30/2011
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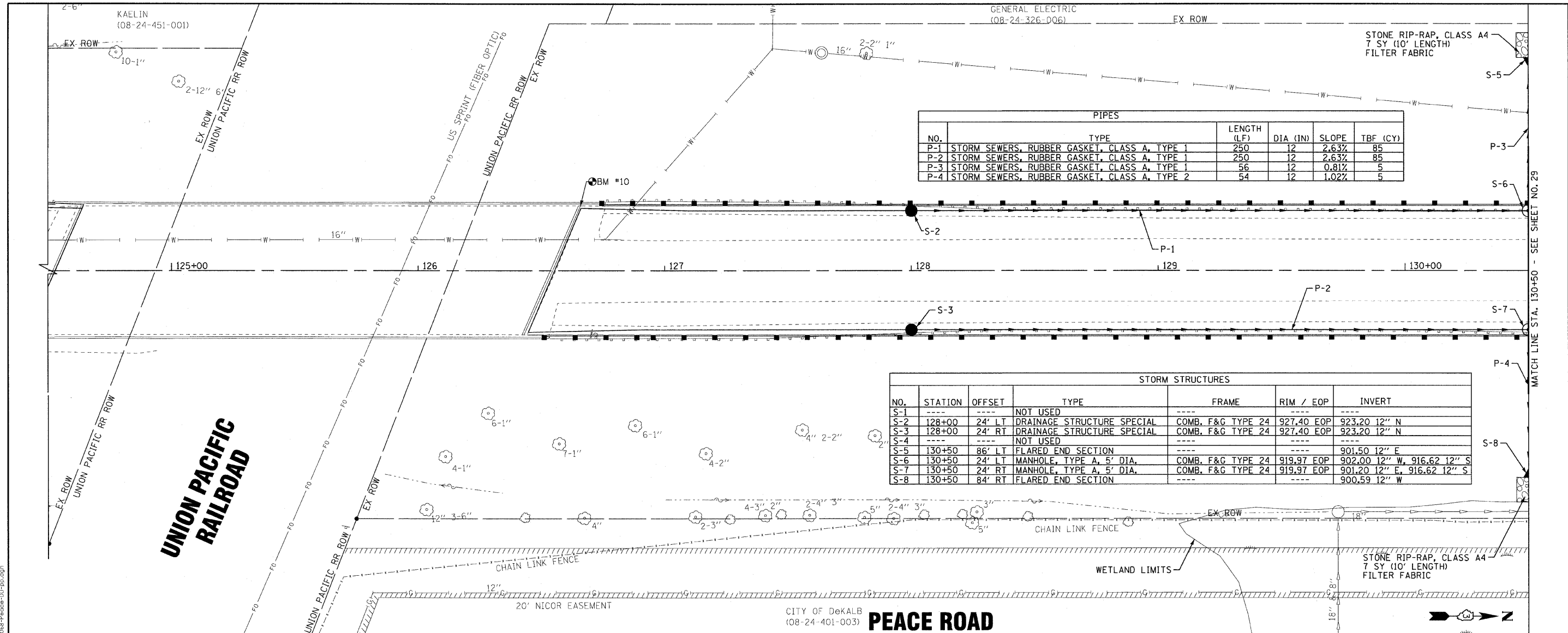
DESIGNED - DJS	REVISED - 8-04-2010 IDOT REVIEW
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	REVISED -

**CITY OF DEKALB, ILLINOIS
 PEACE ROAD
 IMPROVEMENTS**

**GEOMETRICS
 PEACE ROAD**

SCALE: H: 1"=20' V: 1"=5'
 STA. 148+00 TO STA. 154+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	28
CONTRACT NO. 87465			FED. ROAD DIST. NO. 3 (ILLINOIS) FED. AID PROJECT M-5017 (043)	



PIPES				
NO.	TYPE	LENGTH (LF)	DIA (IN)	TBF (CY)
P-1	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1	250	12	2.63%
P-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1	250	12	2.63%
P-3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1	56	12	0.81%
P-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	54	12	1.02%

STORM STRUCTURES						
NO.	STATION	OFFSET	TYPE	FRAME	RIM / EOP	INVERT
S-1	---	---	NOT USED	---	---	---
S-2	128+00	24' LT	DRAINAGE STRUCTURE SPECIAL	COMB. F&G TYPE 24	927.40 EOP	923.20 12" N
S-3	128+00	24' RT	DRAINAGE STRUCTURE SPECIAL	COMB. F&G TYPE 24	927.40 EOP	923.20 12" N
S-4	---	---	NOT USED	---	---	---
S-5	130+50	86' LT	FLARED END SECTION	---	---	901.50 12" E
S-6	130+50	24' LT	MANHOLE, TYPE A, 5' DIA.	COMB. F&G TYPE 24	919.97 EOP	902.00 12" W, 916.62 12" S
S-7	130+50	24' RT	MANHOLE, TYPE A, 5' DIA.	COMB. F&G TYPE 24	919.97 EOP	901.20 12" E, 916.62 12" S
S-8	130+50	84' RT	FLARED END SECTION	---	---	900.59 12" W



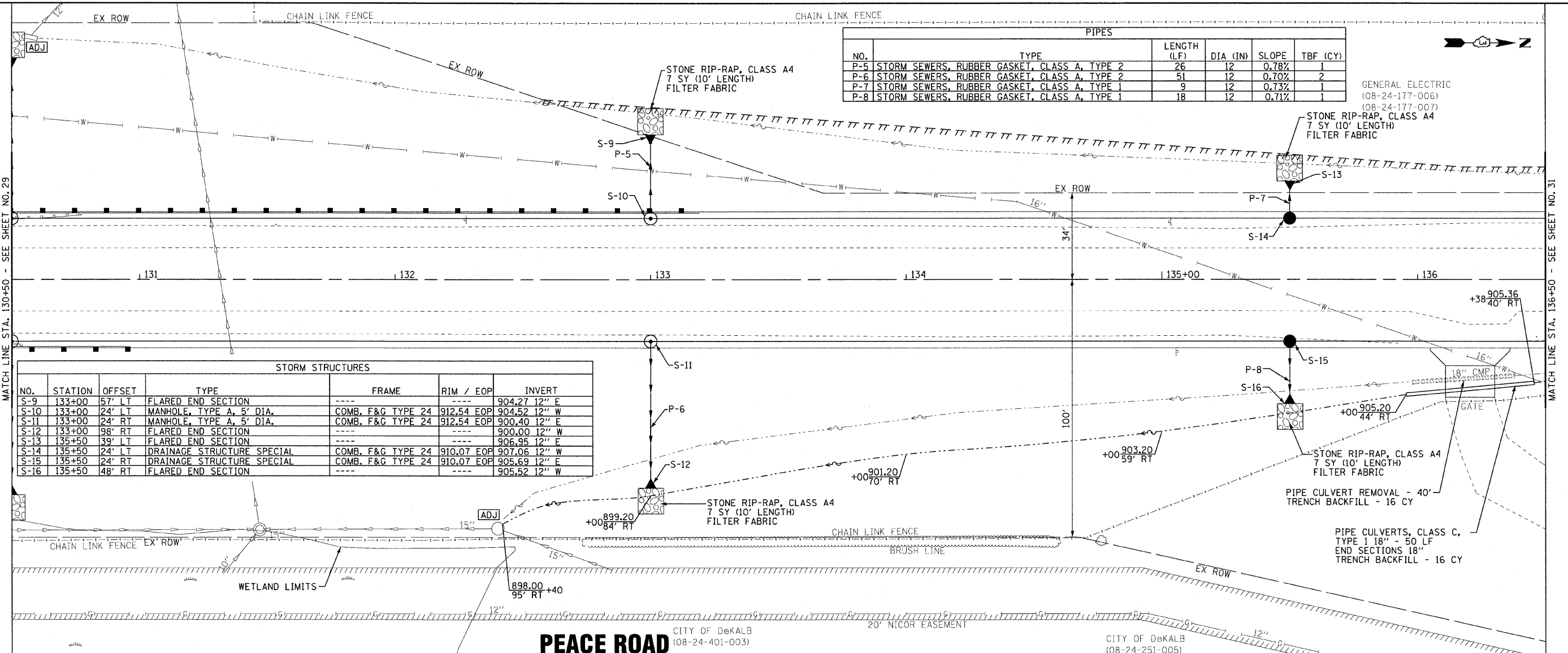
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 LICENSE NO. 00221, EXPIRES 4/30/2011
 PROJECT: PEACE ROAD IMPROVEMENTS, DEKALB COUNTY, ILLINOIS
 DRAWING NO. 08-24-401-003

	DESIGNED - AMM	REVISED - 10-27-2010 IDOT REVIEW
	DRAWN - UKB	REVISED -
	CHECKED - RWL	REVISED -
	DATE - 05-03-2010	REVISED -

CITY OF DEKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS

DRAINAGE AND UTILITY PEACE ROAD	
SCALE: H: 1"=20' V: 1"=5'	STA. 124+50 TO STA. 130+50

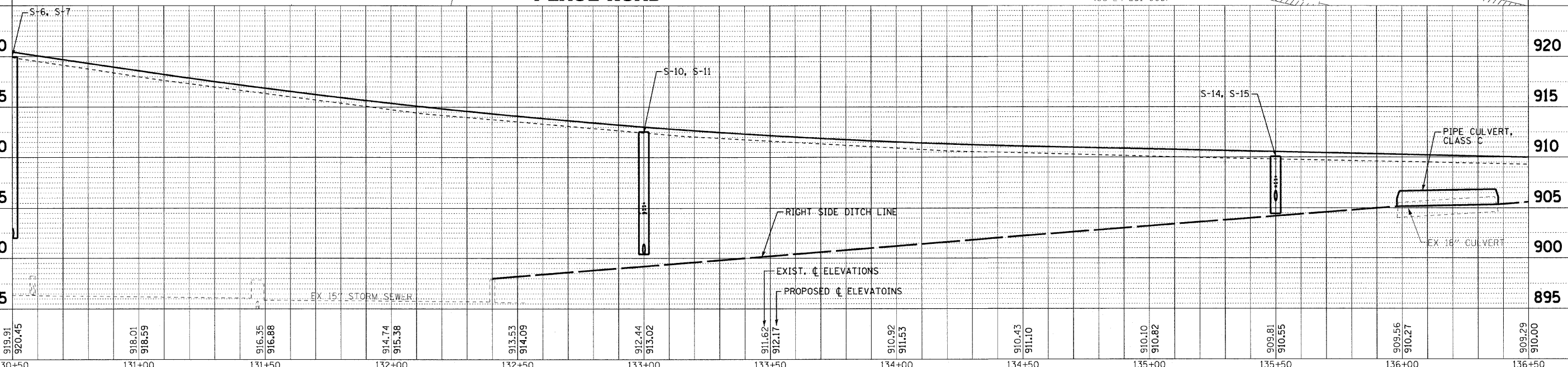
F.A.U. RTE. 5369	SECTION 06-00172-00-WR	COUNTY DeKALB	TOTAL SHEETS 64	SHEET NO. 29
CONTRACT NO. 87465			FED. ROAD DIST. NO. 3 (ILLINOIS) FED. AID PROJECT M-5017 (043)	



PIPES						
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)	
P-5	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	26	12	0.78%	1	
P-6	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	51	12	0.70%	2	
P-7	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1	9	12	0.73%	1	
P-8	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1	18	12	0.71%	1	

GENERAL ELECTRIC
(08-24-177-006)
(08-24-177-007)

STORM STRUCTURES						
NO.	STATION	OFFSET	TYPE	FRAME	RIM / EOP	INVERT
S-9	133+00	57' LT	FLARED END SECTION	----	----	904.27 12" E
S-10	133+00	24' LT	MANHOLE, TYPE A, 5' DIA.	COMB. F&G TYPE 24	912.54 EOP	904.52 12" W
S-11	133+00	24' RT	MANHOLE, TYPE A, 5' DIA.	COMB. F&G TYPE 24	912.54 EOP	900.40 12" E
S-12	133+00	98' RT	FLARED END SECTION	----	----	900.00 12" W
S-13	135+50	39' LT	FLARED END SECTION	----	----	906.95 12" E
S-14	135+50	24' LT	DRAINAGE STRUCTURE SPECIAL	COMB. F&G TYPE 24	910.07 EOP	907.06 12" W
S-15	135+50	24' RT	DRAINAGE STRUCTURE SPECIAL	COMB. F&G TYPE 24	910.07 EOP	905.69 12" E
S-16	135+50	48' RT	FLARED END SECTION	----	----	905.52 12" W



130+50	131+00	131+50	132+00	132+50	133+00	133+50	134+00	134+50	135+00	135+50	136+00	136+50
919.91 920.45	918.01 918.59	916.35 916.88	914.74 915.38	913.53 914.09	912.44 913.02	911.62 912.17	910.92 911.53	910.43 911.10	910.10 910.82	909.81 910.55	909.56 910.27	909.29 910.00



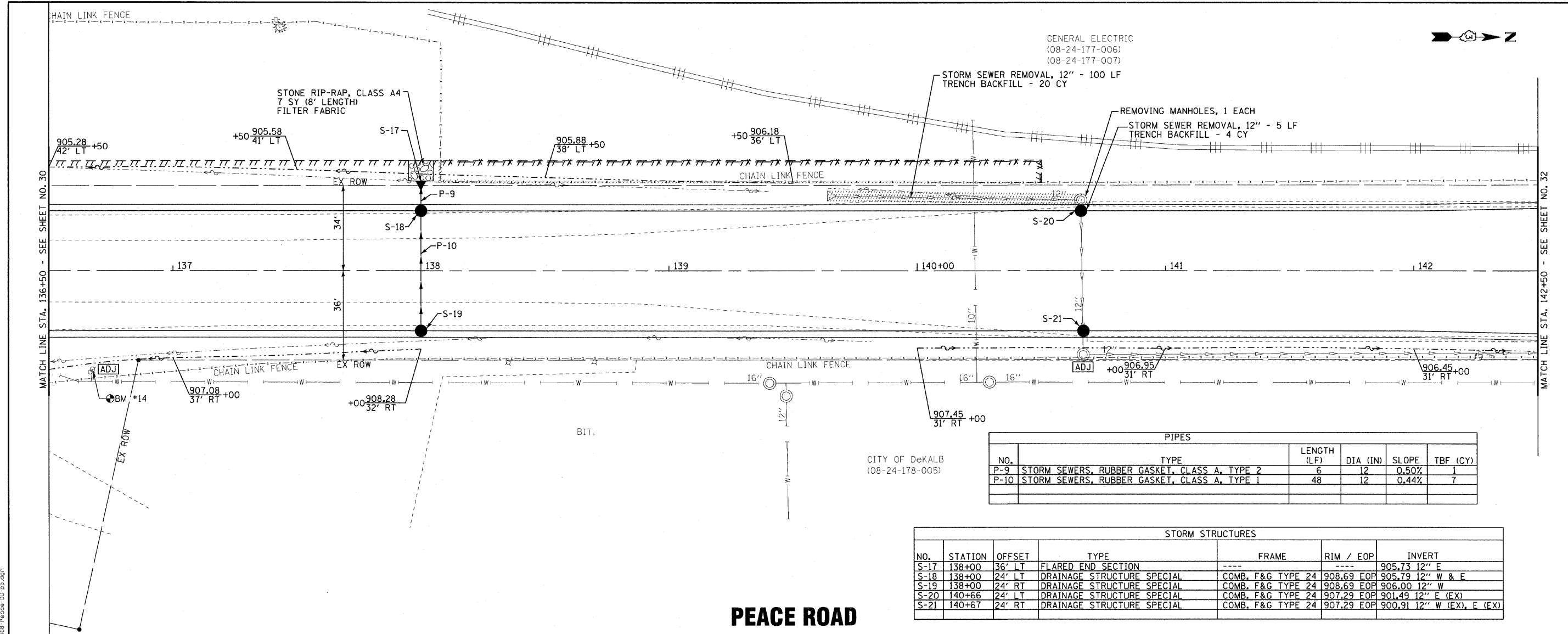
DESIGNED - AMM	REVISED - 10-27-2010 IDOT REVIEW
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	REVISED -

**CITY OF DEKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

DRAINAGE AND UTILITY PEACE ROAD	
SCALE: H: 1"=20' V: 1"=5'	STA. 130+50 TO STA. 136+50

F.A.U. RTE. 5369	SECTION 06-00172-00-WR	COUNTY DeKALB	TOTAL SHEETS 64	SHEET NO. 30
CONTRACT NO. 87465			FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)	

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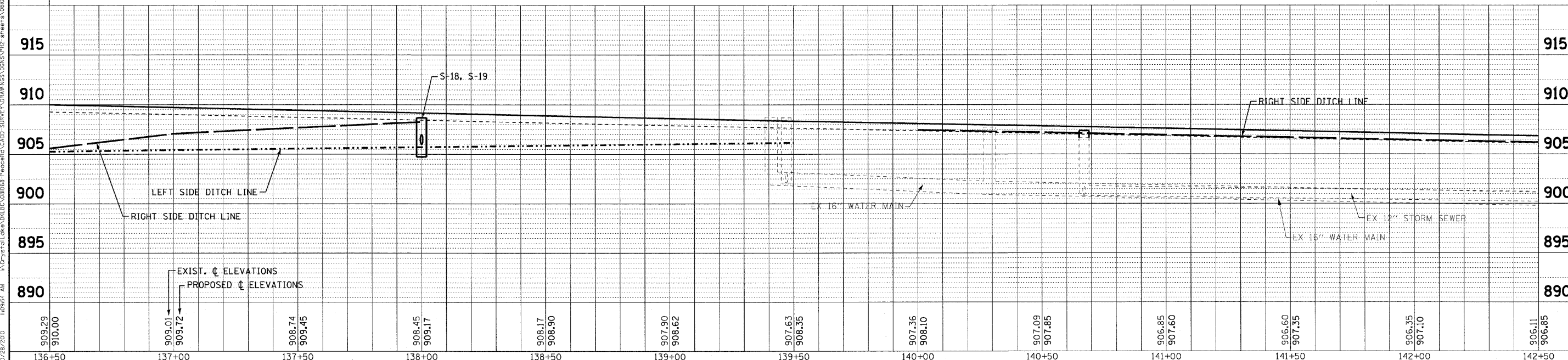
GENERAL ELECTRIC
(08-24-177-006)
(08-24-177-007)

CITY OF DeKALB
(08-24-178-005)

PIPES					
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)
P-9	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	6	12	0.50%	1
P-10	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1	48	12	0.44%	7

STORM STRUCTURES						
NO.	STATION	OFFSET	TYPE	FRAME	RIM / EOP	INVERT
S-17	138+00	36' LT	FLARED END SECTION	----	----	905.73 12" E
S-18	138+00	24' LT	DRAINAGE STRUCTURE SPECIAL	COMB. F&G TYPE 24	908.69 EOP	905.79 12" W & E
S-19	138+00	24' RT	DRAINAGE STRUCTURE SPECIAL	COMB. F&G TYPE 24	908.69 EOP	906.00 12" W
S-20	140+66	24' LT	DRAINAGE STRUCTURE SPECIAL	COMB. F&G TYPE 24	907.29 EOP	901.49 12" E (EX)
S-21	140+67	24' RT	DRAINAGE STRUCTURE SPECIAL	COMB. F&G TYPE 24	907.29 EOP	900.91 12" W (EX), E (EX)

PEACE ROAD



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DESIGNED - AMM	REVISED - 10-27-2010 IDOT REVIEW
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DATE - 05-03-2010	REVISED -

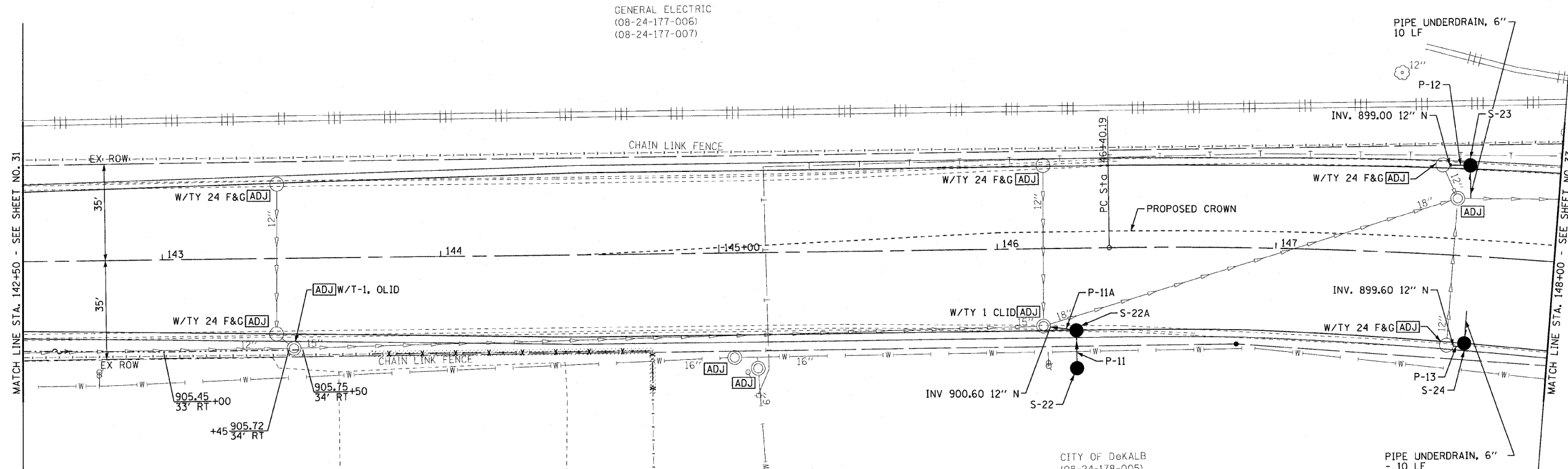
CITY OF DEKALB, ILLINOIS PEACE ROAD IMPROVEMENTS

SCALE: H: 1"=20' V: 1"=5'		STA. 136+50 TO STA. 142+50
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DRAINAGE AND UTILITY PEACE ROAD

F.A.U. RTE. 5369	SECTION 06-00172-00-WR	COUNTY DeKALB	TOTAL SHEETS 64	SHEET NO. 31
FED. ROAD DIST. NO. 3 ILLINOIS			CONTRACT NO. 87465	
FED. AID PROJECT M-5017 (043)				

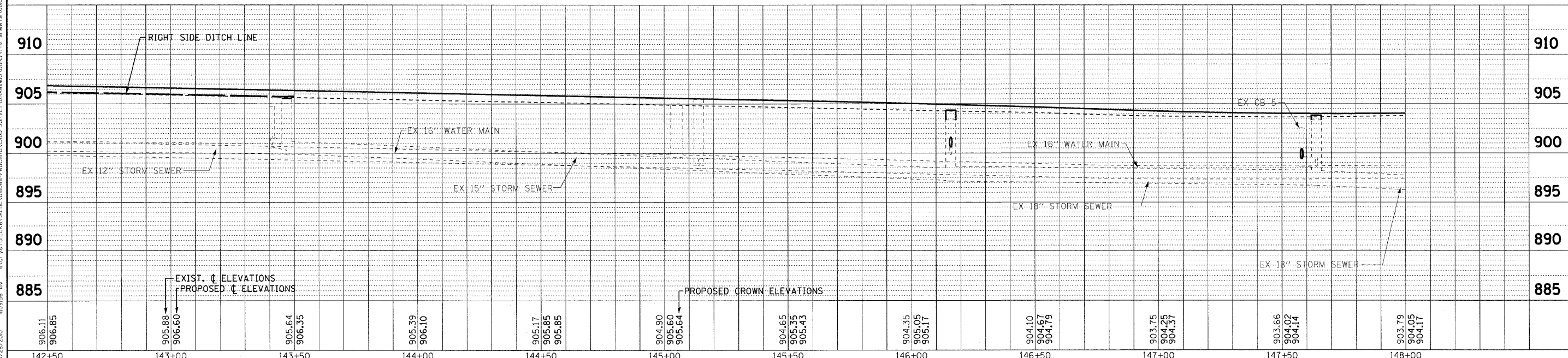
GENERAL ELECTRIC
(08-24-177-006)
(08-24-177-007)



PIPES					
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)
P-11	STORM SEWERS, (WATER MAIN REQUIREMENTS)	12	12	0.50%	1
P-11A	STORM SEWERS, (WATER MAIN REQUIREMENTS)	8	12	5.50%	2
P-12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1	10	12	6.40%	2
P-13	STORM SEWERS, (WATER MAIN REQUIREMENTS)	8	12	5.00%	3

STORM STRUCTURES						
NO.	STATION	OFFSET	TYPE	FRAME	RIM / EOP	INVERT
S-22	146+28	43' RT	DRAINAGE STRUCTURE SPECIAL	FRAME & LID, TYPE 1 OLID	904.10 RIM	901.10 12" S
S-22A	146+28	29.5' RT	DRAINAGE STRUCTURE SPECIAL	COMB. F&G TYPE 24	904.27 EOP	901.04 12" E & S
S-23	147+70	31.3' LT	DRAINAGE STRUCTURE SPECIAL	COMB. F&G TYPE 24	903.56 EOP	899.64 12" S
S-24	147+70	31.3' RT	DRAINAGE STRUCTURE SPECIAL	COMB. F&G TYPE 24	903.32 EOP	900.00 12" S

PEACE ROAD



DESIGNED - AMM	REVISED - 10-27-2010 IDOT REVIEW
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	REVISED -

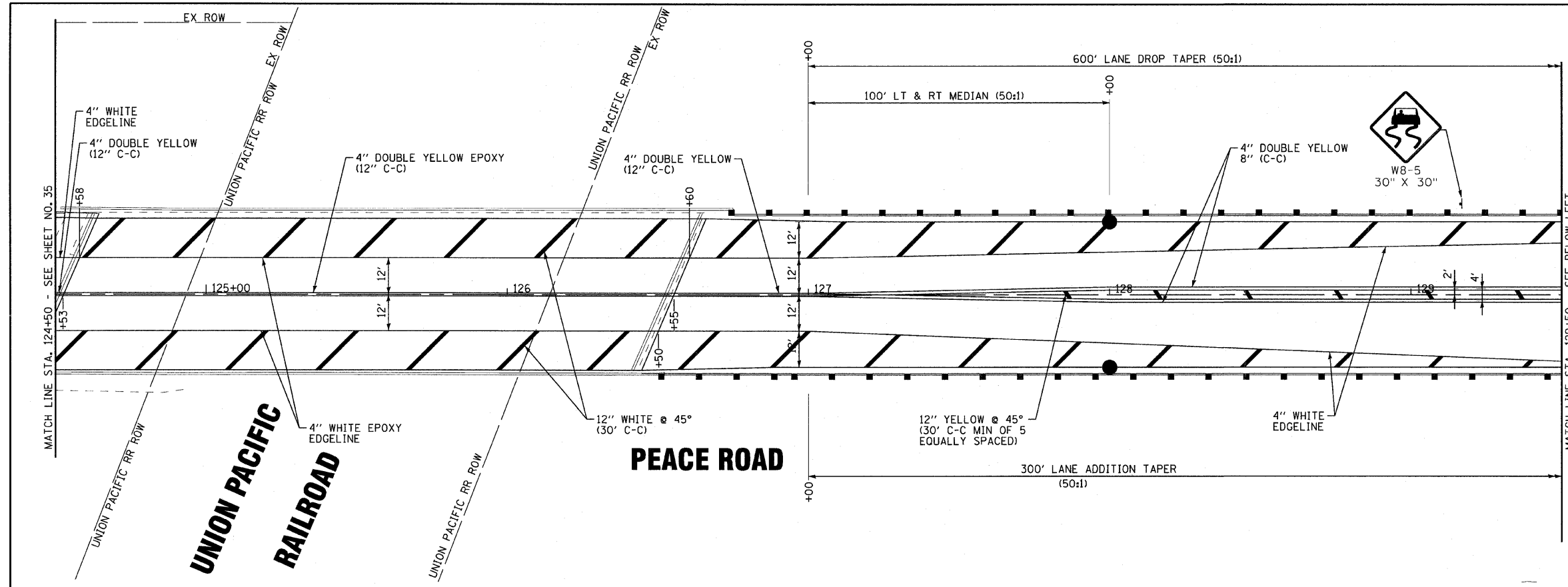
**CITY OF DEKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

**DRAINAGE AND UTILITY
PEACE ROAD**

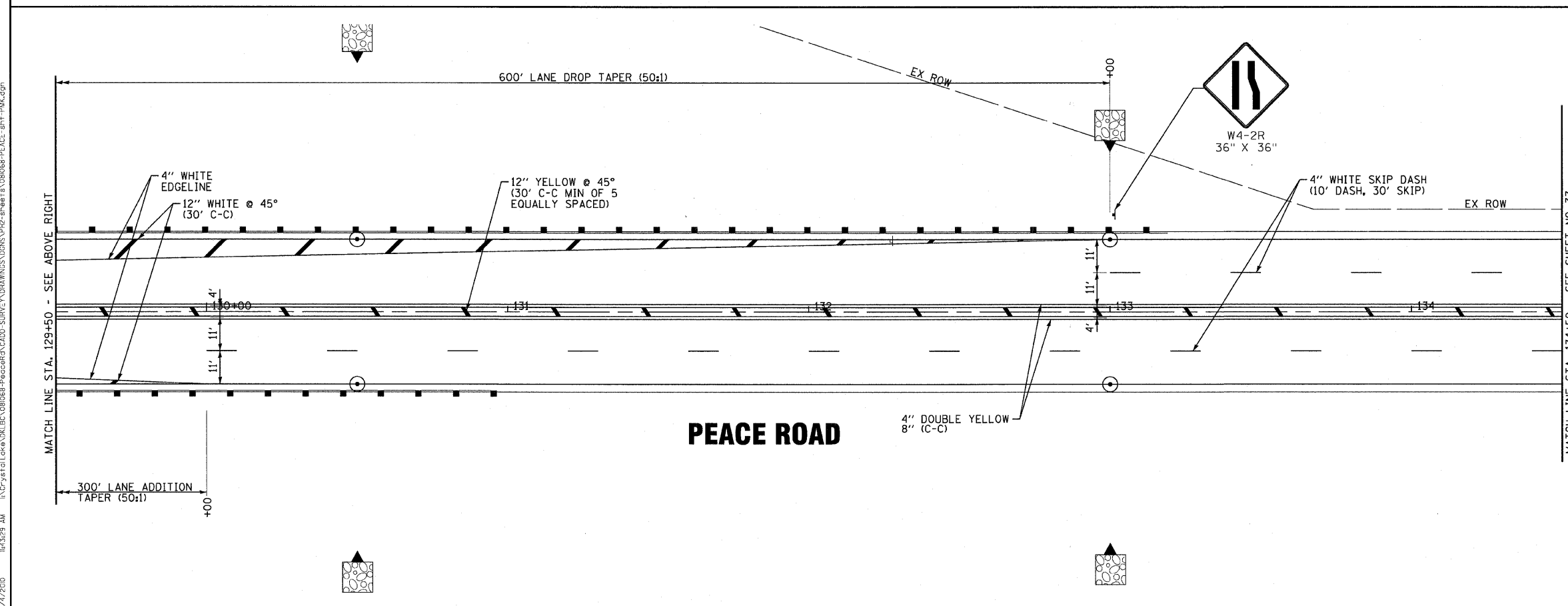
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STA. 142+50 TO STA. 148+00

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FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)			CONTRACT NO. 87465	

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 LICENSE NO. 184-00281 - EXPIRES 4/30/2011
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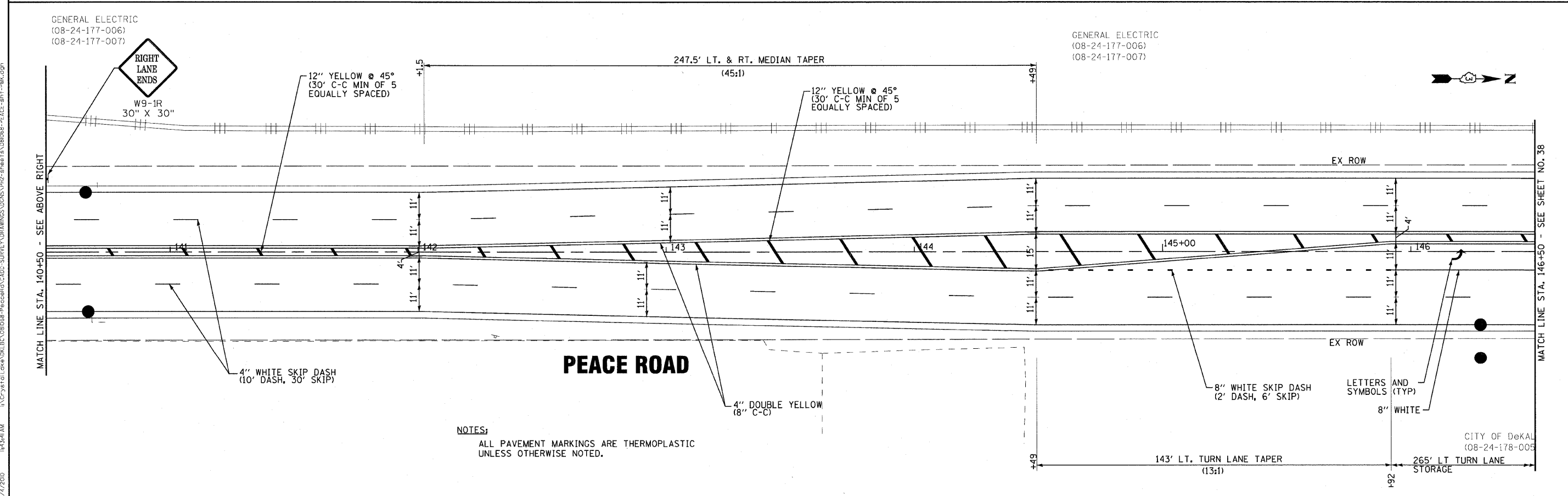
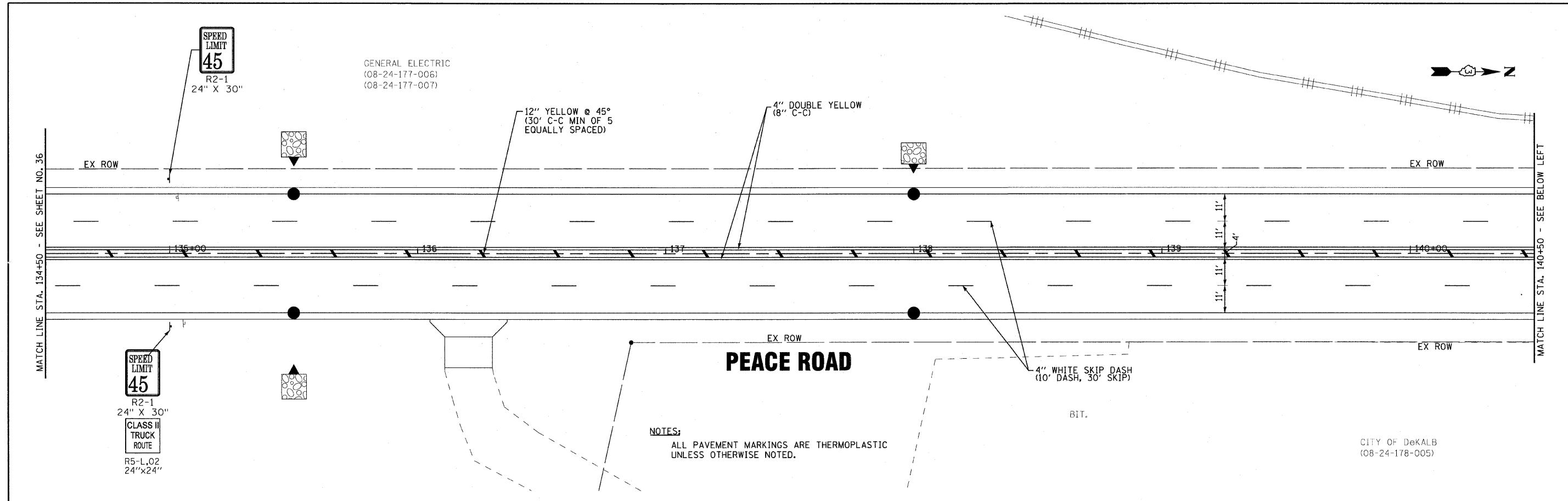


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DRAWN -	UKB	REVISED -	
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DATE -	05-03-2010	FILE NAME -	081068-PEACE-sht-PMK.dgn

CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS

PAVEMENT MARKING AND SIGNING PLANS
PEACE ROAD
 SCALE: 1"=20' STA.124+50 TO STA.134+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	36
				CONTRACT NO. 87465
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				



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DESIGNED - DJS	REVISED -
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-PEACE-sht-PMK.dgn

**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

**PAVEMENT MARKING AND SIGNING PLANS
PEACE ROAD**

SCALE: 1"=20' STA. 134+50 TO STA. 146+50

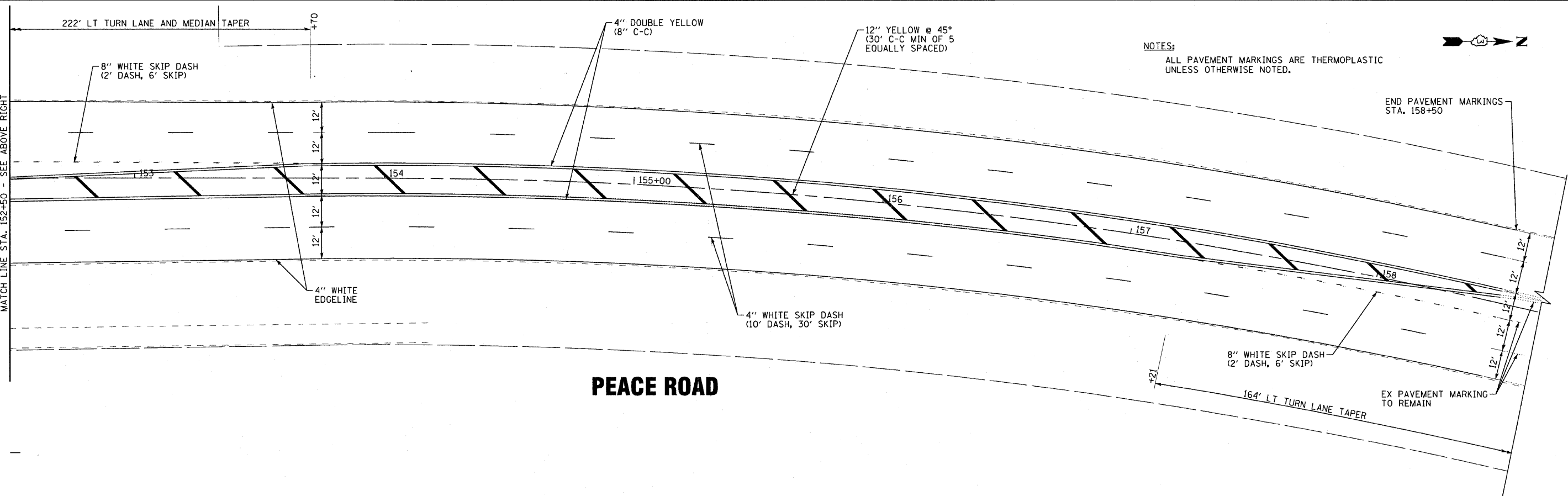
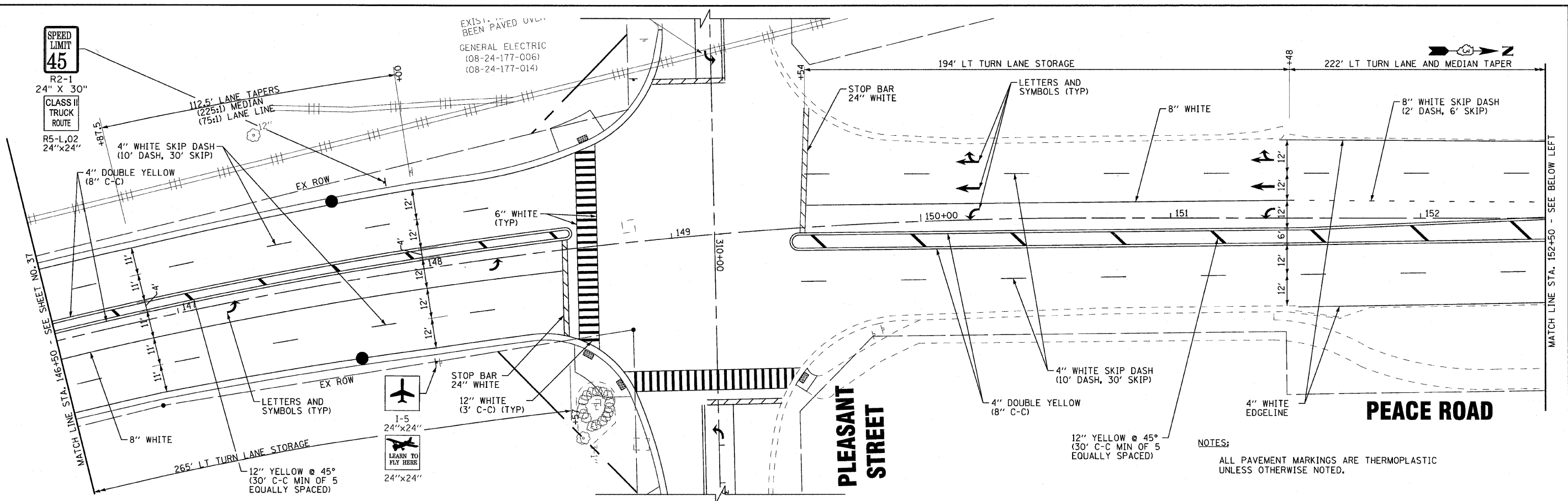
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	37
CONTRACT NO. 87465			FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)	

SPEED LIMIT
45

R2-1
24" X 30"
CLASS II
TRUCK
ROUTE

R5-L,02
24"x24"

EXISTING PAVED U/L
GENERAL ELECTRIC
(08-24-177-006)
(08-24-177-014)



DESIGNED - DJS	REVISED - 08-4-2010 100T REVIEW
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-PEACE-sht-PMK.dgn

**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

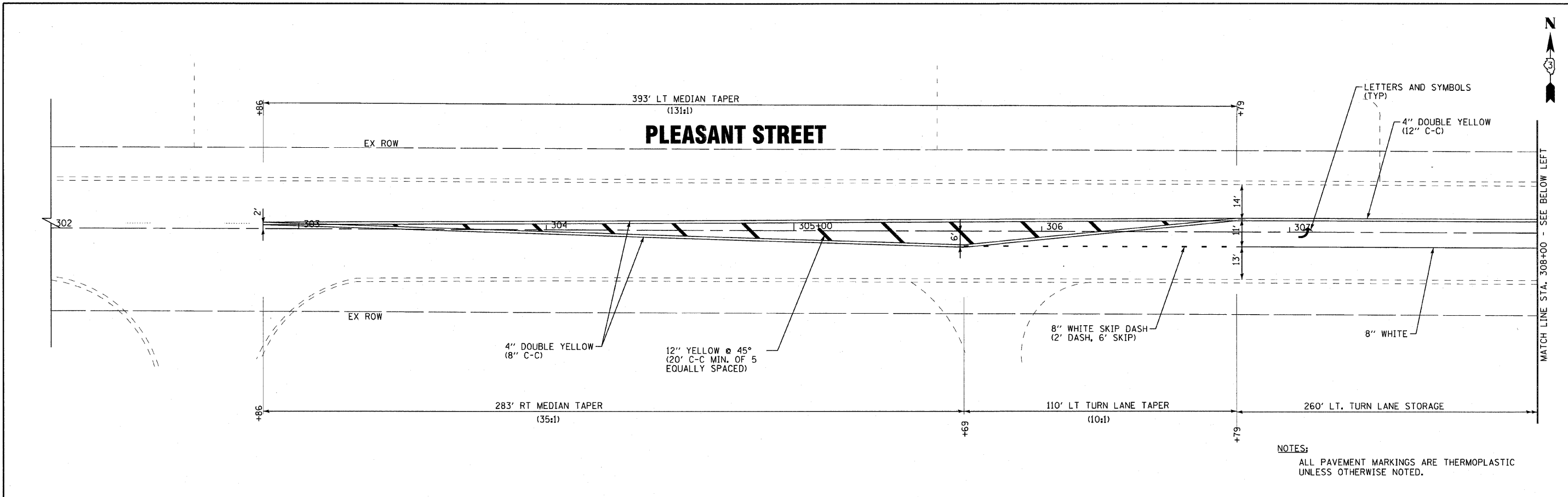
**PAVEMENT MARKING AND SIGNING PLANS
PEACE ROAD**

SCALE: 1"=20'

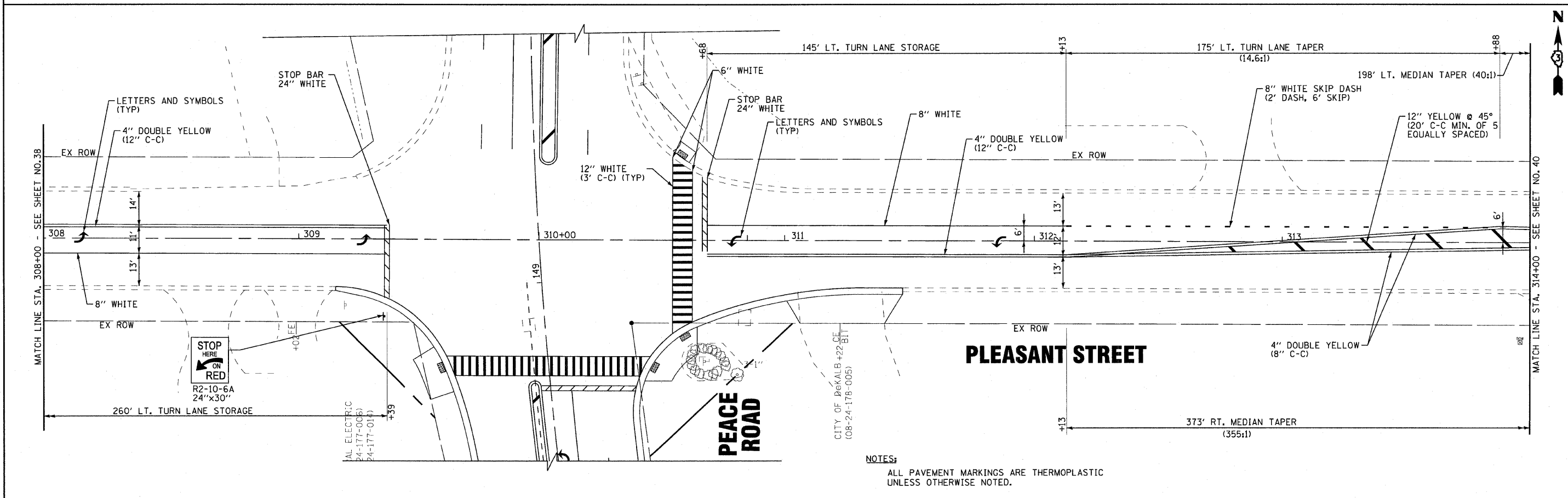
STA. 146+50 TO STA. 158+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	38
				CONTRACT NO. 87465
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				

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NOTES:
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NOTES:
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 STATE OF ILLINOIS PROFESSIONAL ENGINEERING LICENSE NO. 123456789
 CONTRACT NO. 06-00172-00-WR
 DRAWN BY: DJL
 CHECKED BY: RWL
 DATE: 05-03-2010



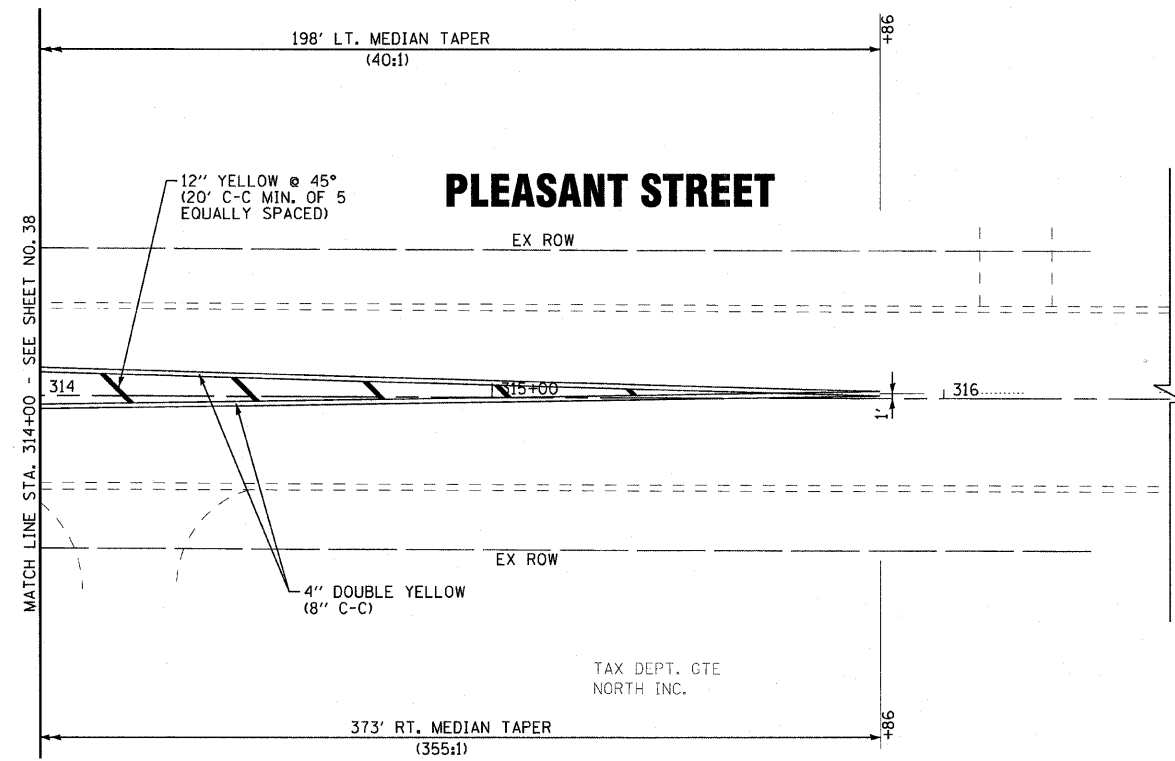
DESIGNED - DJL	REVISED - 08-4-2010 IDOT REVIEW
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-PEACE-sht-PMK.pgn

**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

**PAVEMENT MARKING AND SIGNING PLANS
PLEASANT STREET**

SCALE: 1"=20'
STA. 302+00 TO STA. 314+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	39
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)			CONTRACT NO. 87465	



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 1100 W. 10TH STREET, SUITE 200, DEKALB, IL 60015
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DESIGNED - DJS	REVISED -
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-PEACE-sht-PMK.dgn

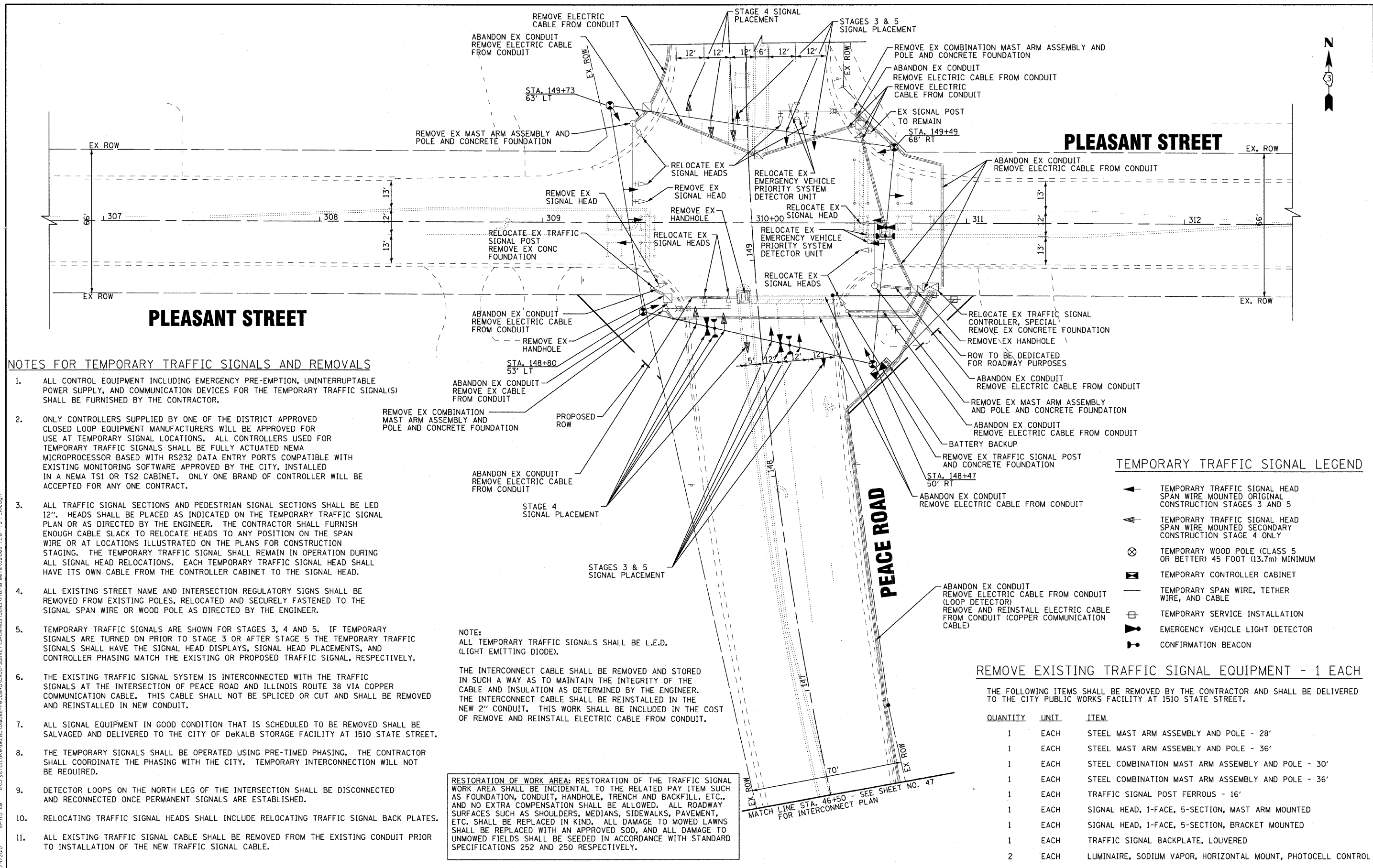
CITY OF DeKALB , ILLINOIS
PEACE ROAD
IMPROVEMENTS

PAVEMENT MARKING AND SIGNING PLANS
PLEASANT STREET

SCALE: 1"=20' STA. 314+00 TO STA. 316+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	40
FED. ROAD DIST. NO. 3 ILLINOIS			FED. AID PROJECT M-5017 (043)	

CONTRACT NO. 87465



1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION, UNINTERRUPTABLE POWER SUPPLY, AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY THE CITY, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. TEMPORARY TRAFFIC SIGNALS ARE SHOWN FOR STAGES 3, 4 AND 5. IF TEMPORARY SIGNALS ARE TURNED ON PRIOR TO STAGE 3 OR AFTER STAGE 5 THE TEMPORARY TRAFFIC SIGNALS SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS, AND CONTROLLER PHASING MATCH THE EXISTING OR PROPOSED TRAFFIC SIGNAL, RESPECTIVELY.
6. THE EXISTING TRAFFIC SIGNAL SYSTEM IS INTERCONNECTED WITH THE TRAFFIC SIGNALS AT THE INTERSECTION OF PEACE ROAD AND ILLINOIS ROUTE 38 VIA COPPER COMMUNICATION CABLE. THIS CABLE SHALL NOT BE SPLICED OR CUT AND SHALL BE REMOVED AND REINSTALLED IN NEW CONDUIT.
7. ALL SIGNAL EQUIPMENT IN GOOD CONDITION THAT IS SCHEDULED TO BE REMOVED SHALL BE SALVAGED AND DELIVERED TO THE CITY OF DeKALB STORAGE FACILITY AT 1510 STATE STREET.
8. THE TEMPORARY SIGNALS SHALL BE OPERATED USING PRE-TIMED PHASING. THE CONTRACTOR SHALL COORDINATE THE PHASING WITH THE CITY. TEMPORARY INTERCONNECTION WILL NOT BE REQUIRED.
9. DETECTOR LOOPS ON THE NORTH LEG OF THE INTERSECTION SHALL BE DISCONNECTED AND RECONNECTED ONCE PERMANENT SIGNALS ARE ESTABLISHED.
10. RELOCATING TRAFFIC SIGNAL HEADS SHALL INCLUDE RELOCATING TRAFFIC SIGNAL BACK PLATES.
11. ALL EXISTING TRAFFIC SIGNAL CABLE SHALL BE REMOVED FROM THE EXISTING CONDUIT PRIOR TO INSTALLATION OF THE NEW TRAFFIC SIGNAL CABLE.

NOTE:
ALL TEMPORARY TRAFFIC SIGNALS SHALL BE L.E.D. (LIGHT EMITTING DIODE).

RESTORATION OF WORK AREA; RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

TEMPORARY TRAFFIC SIGNAL LEGEND

- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL CONSTRUCTION STAGES 3 AND 5
- ▲ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY CONSTRUCTION STAGE 4 ONLY
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ▣ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊕ TEMPORARY SERVICE INSTALLATION
- ⚡ TEMPORARY EMERGENCY VEHICLE LIGHT DETECTOR
- ⬇ TEMPORARY CONFIRMATION BEACON

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - 1 EACH

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DELIVERED TO THE CITY PUBLIC WORKS FACILITY AT 1510 STATE STREET.

QUANTITY	UNIT	ITEM
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE - 28'
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE - 36'
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE - 30'
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE - 36'
1	EACH	TRAFFIC SIGNAL POST FERROUS - 16'
1	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED
1	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED
2	EACH	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTOCCELL CONTROL

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DESIGNED - DJS	REVISED - 08-4-2010 100T REVIEW
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-TEMP-TS-PLAN.dgn

**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION
AND EXISTING TRAFFIC SIGNAL REMOVAL PLAN**

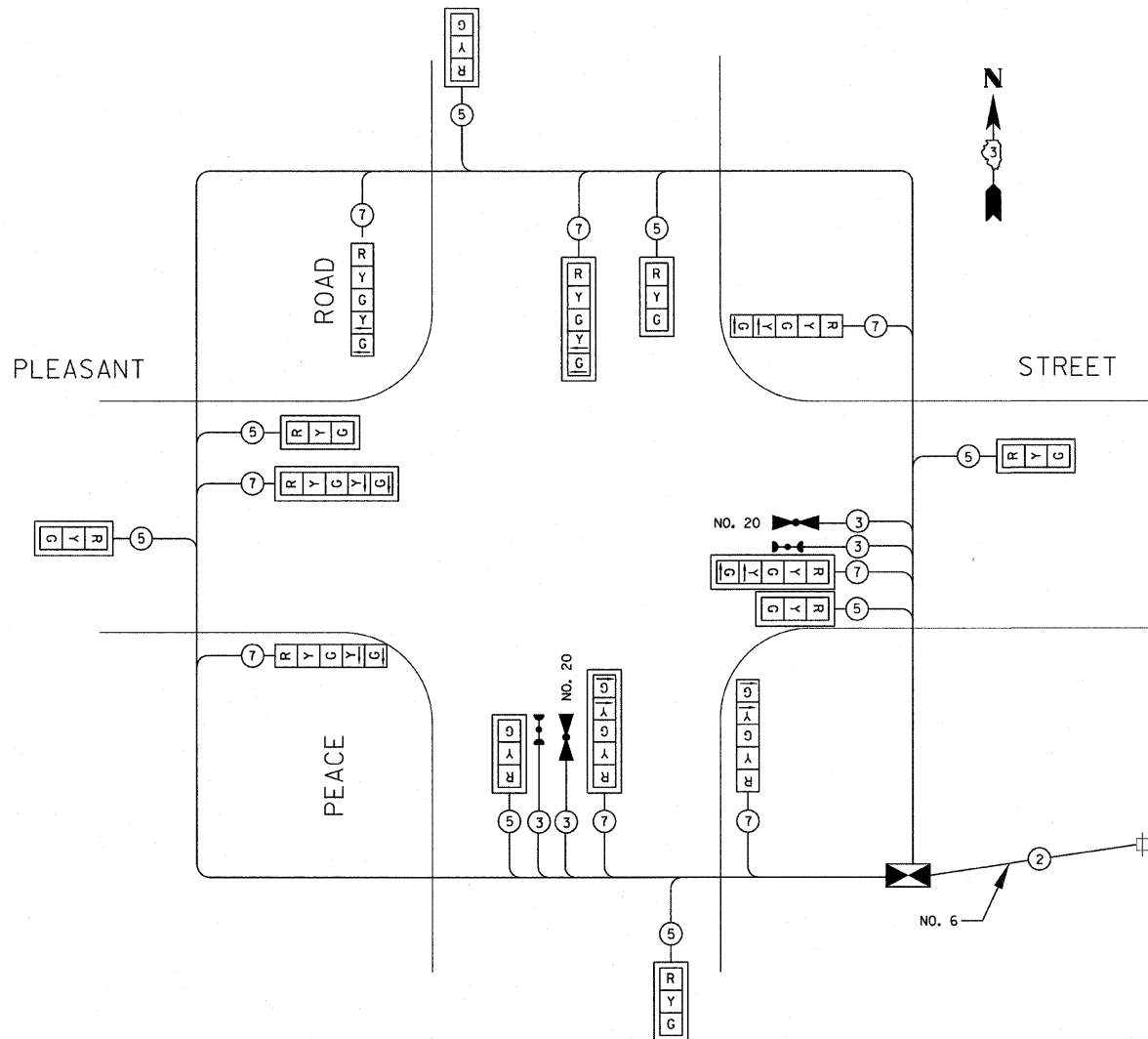
SCALE: 1"=20'

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	42
				CONTRACT NO. 87465
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				

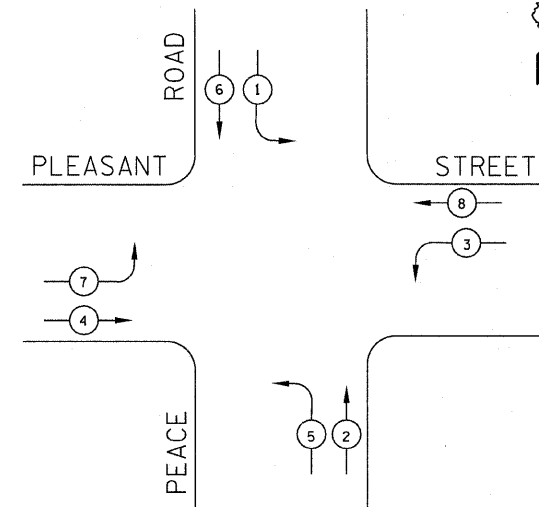
TEMPORARY CABLE PLAN LEGEND

- R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300 mm)
- X TEMPORARY CONTROLLER CABINET
- E TEMPORARY SERVICE INSTALLATION
- ② DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON



TEMPORARY CABLE PLAN
(NOT TO SCALE)

CONTROLLER SEQUENCE

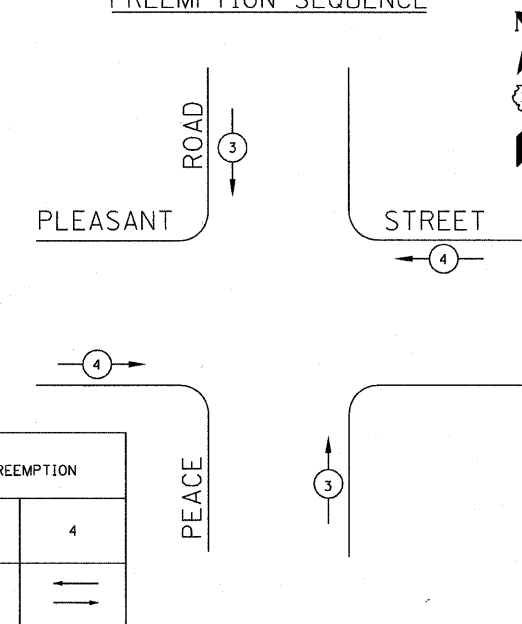


LEGEND

- NOTE: SIGNALS SHALL BE SET TO PRE-TIMED OPERATION.
- DUAL ENTRY PHASE
 - PEDESTRIAN PHASE
 - NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION		
EMERGENCY VEHICLE PREEMPTION	3	4
MOVEMENT	↑ ↓	← →

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	WATTAGE INCAND.	%OPERATION LED	TOTAL WATTAGE
SIGNAL (RED)	16		17 0.50	136
(YELLOW)	16		25 0.25	100
(GREEN)	16		15 0.25	60
ARROW	16		12 0.10	19.2
PED. SIGNAL	-		25 1.00	--
CONTROLLER	1		100 1.00	100
ILLUM. SIGN	-		-- 0.05	--
LIGHTING				
VIDEO				
FLASHER				
			0.50	--
ENERGY COSTS TO:				TOTAL =
CITY OF DeKALB 200 S. FOURTH STREET DeKALB, ILLINOIS 60115				415.2
ENERGY SUPPLY CONTACT:		LOUIS HICKS		
PHONE:		847-816-5489		
COMPANY:		COM ED		



DESIGNED - DJS	REVISED -
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-TEMP-TS-CABLE.dgn

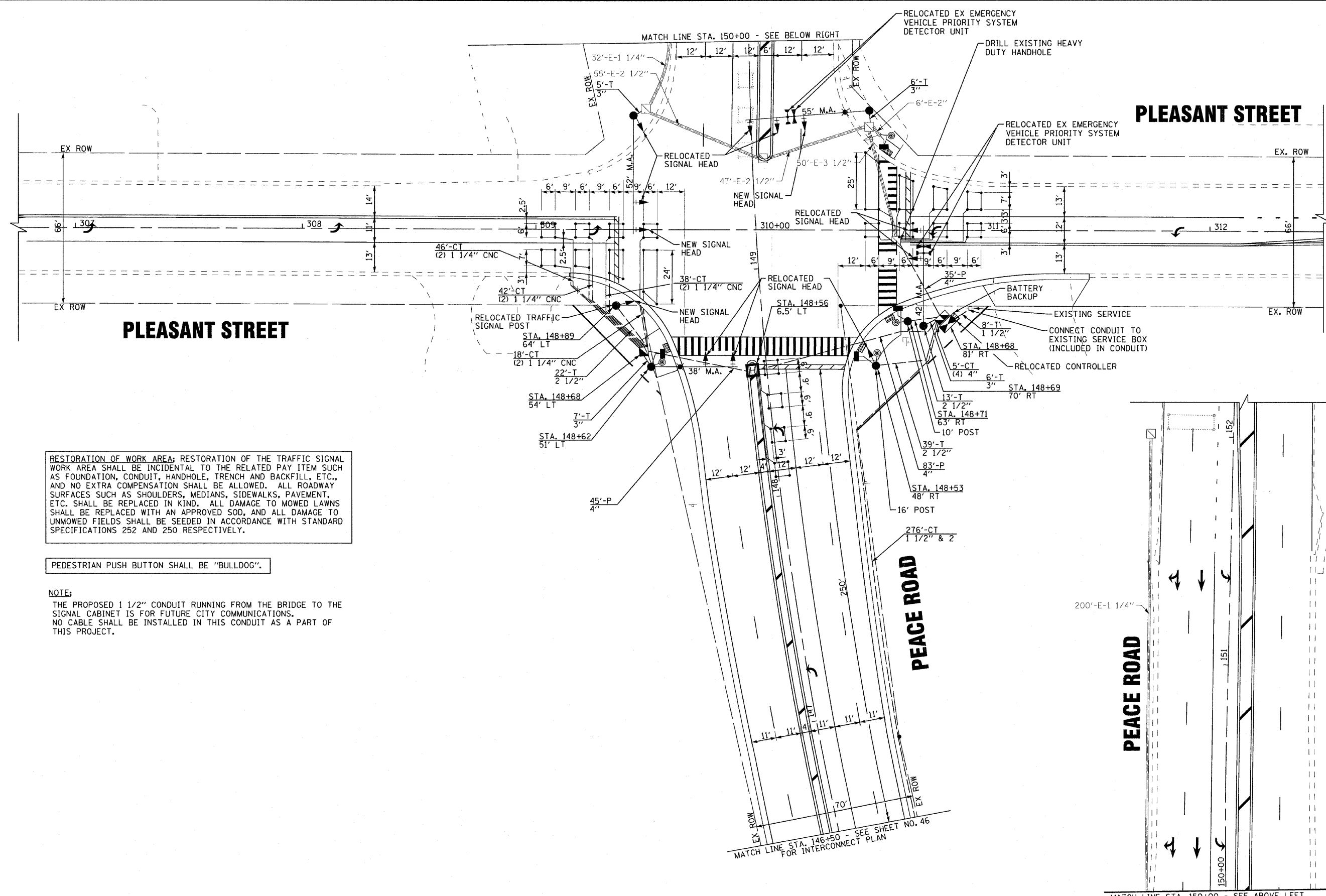
**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

**TEMPORARY CABLE PLAN FOR STAGE 3, 4 AND 5
AND PHASE DESIGNATION DIAGRAM**

SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	43
CONTRACT NO. 87465				
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT M-5017 (043)				

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RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

PEDESTRIAN PUSH BUTTON SHALL BE "BULLDOG".

NOTE:
THE PROPOSED 1 1/2" CONDUIT RUNNING FROM THE BRIDGE TO THE SIGNAL CABINET IS FOR FUTURE CITY COMMUNICATIONS. NO CABLE SHALL BE INSTALLED IN THIS CONDUIT AS A PART OF THIS PROJECT.

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 LICENSE NO. 184-0022 - EXPIRES 7/31/2011
 87/07200 98088 PJJ 081068-TS-PLAN.dgn



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DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-TS-PLAN.dgn

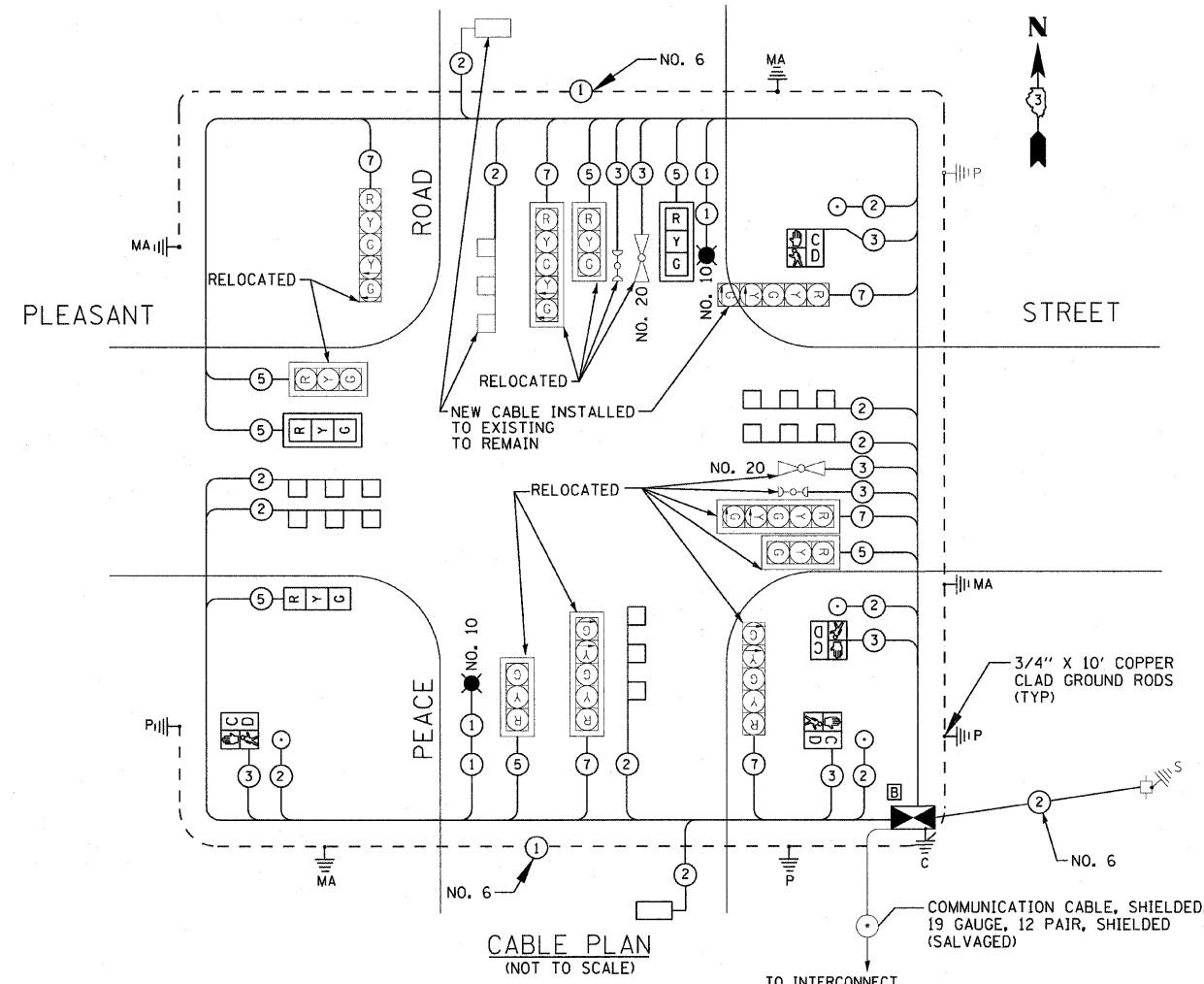
**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

TRAFFIC SIGNAL INSTALLATION PLAN

SCALE: 1"=20'
STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	44
				CONTRACT NO. 87465
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				

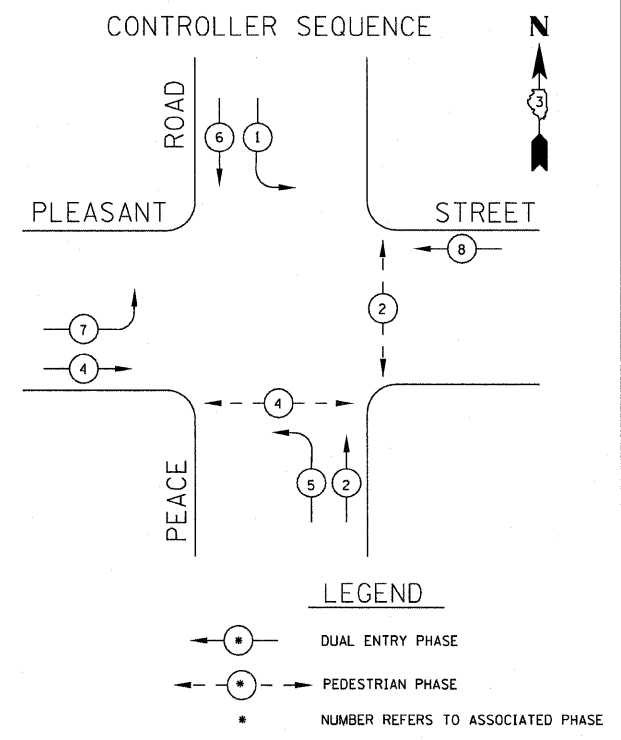
TRAFFIC SIGNAL SCHEDULE		
PAY ITEM	UNIT	TOTAL QUANTITY
SIGN PANEL - TYPE 1	SQ.FT	30
CONDUIT IN TRENCH, 1 1/2" DIA., GALVANIZED STEEL	FOOT	2,239
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	2,231
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	74
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	24
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	20
CONDUIT PUSHED, 1 1/2" DIA., GALVANIZED STEEL	FOOT	40
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	40
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	163
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	9
HEAVY-DUTY HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2,633
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 400 WATT	EACH	2
UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	437
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	719
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	1,587
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	1,036
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,667
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	32
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 18 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60
DRILL EXISTING HANDHOLE	EACH	2
DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	9
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	2
DETECTOR LOOP, TYPE I	FOOT	977
PEDESTRIAN PUSH-BUTTON	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING SIGNAL HEAD	EACH	9
RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,830
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	2,829
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	12
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	5
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1,146
ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	299
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L.SUM	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP) 2/C NO. 10	FOOT	483



CABLE PLAN LEGEND

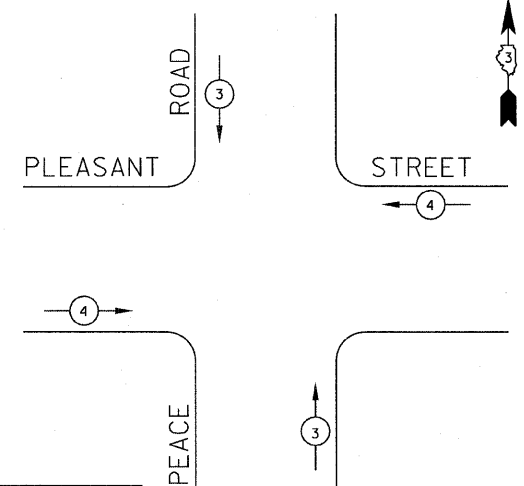
EXISTING	PROPOSED	DESCRIPTION
		12" (300mm) TRAFFIC SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER
		CONTROLLER CABINET
		TELEPHONE CONNECTION
		VEHICLE DETECTOR, INDUCTION LOOP
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		PUSHBUTTON DETECTOR
		① GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)
		② FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 2-MM12F SM12F
		SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD
		RAILROAD CONTROL CABINET
		ILLUMINATED SIGN, "NO LEFT TURN"
		ILLUMINATED SIGN, "NO RIGHT TURN"
		GROUND CABLE 1C NO.6
		GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)
		GROUND ROD AT POST (P), OR MAST ARM POLE (MA)
		GROUND ROD AT ELECTRIC SERVICE INSTALLATION
		UPS BATTERY BACKUP

NOTES:
 1. THE NEUTRAL AND GROUND SHALL BE TIED AT THE SERVICE INSTALLATION, BUT SHALL BE SEPERATED AT THE TRAFFIC SIGNAL CABINET.



PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION		
EMERGENCY VEHICLE PREEMPTION	3	4
MOVEMENT	↑	←

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	12		17	0.50	102
(YELLOW)	12		25	0.25	75
(GREEN)	12		15	0.25	45
ARROW	12		12	0.10	14.4
PED. SIGNAL	4		25	1.00	100
CONTROLLER	1		100	1.00	100
ILLUM. SIGN	--		--	0.05	--
FLASHER				0.50	--
TOTAL =					436.4

ENERGY COSTS TO:
 CITY OF DeKALB
 200 S. FOURTH STREET
 DeKALB, ILLINOIS 60115
 ENERGY SUPPLY CONTACT: LOUIS HICKS
 PHONE: 847-816-5489
 COMPANY: COM ED

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2'
E - M. ARM POLE		SIGNAL POST	2 (1.0)	(6m+L-0.6m)	
24" (600mm)	10 (3.0)	CONTROLLER CAB.	6 (2.0)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)



DESIGNED - DJS	REVISED - 08-4-2010 IDOT REVIEW
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-TS-CABLE.dgn

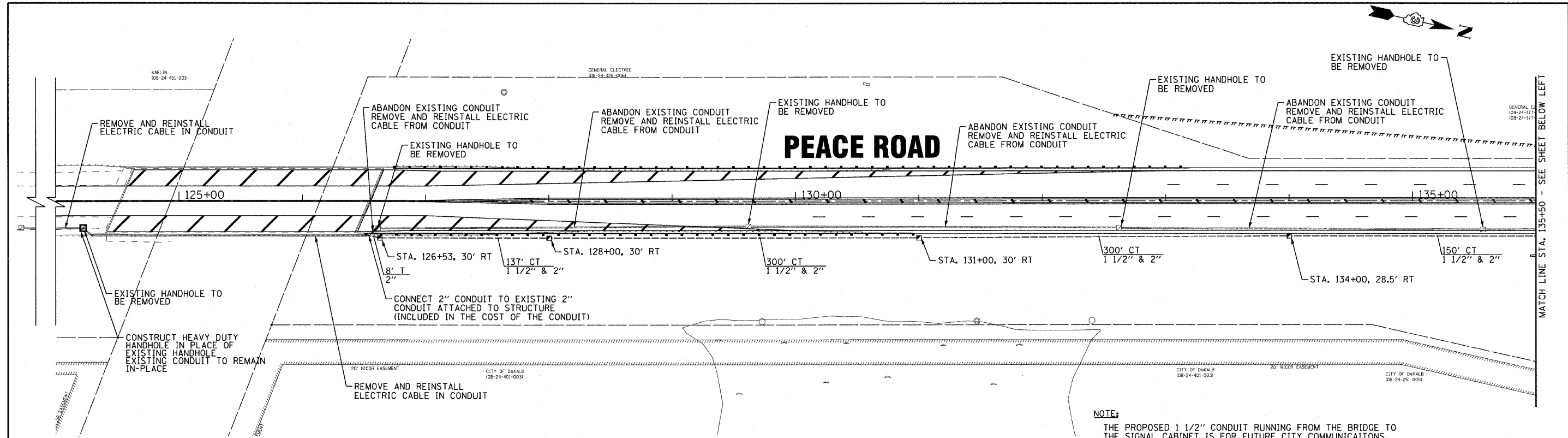
CITY OF DeKALB, ILLINOIS
 PEACE ROAD IMPROVEMENTS

CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES

SCALE: N/A STA. N/A TO STA. N/A

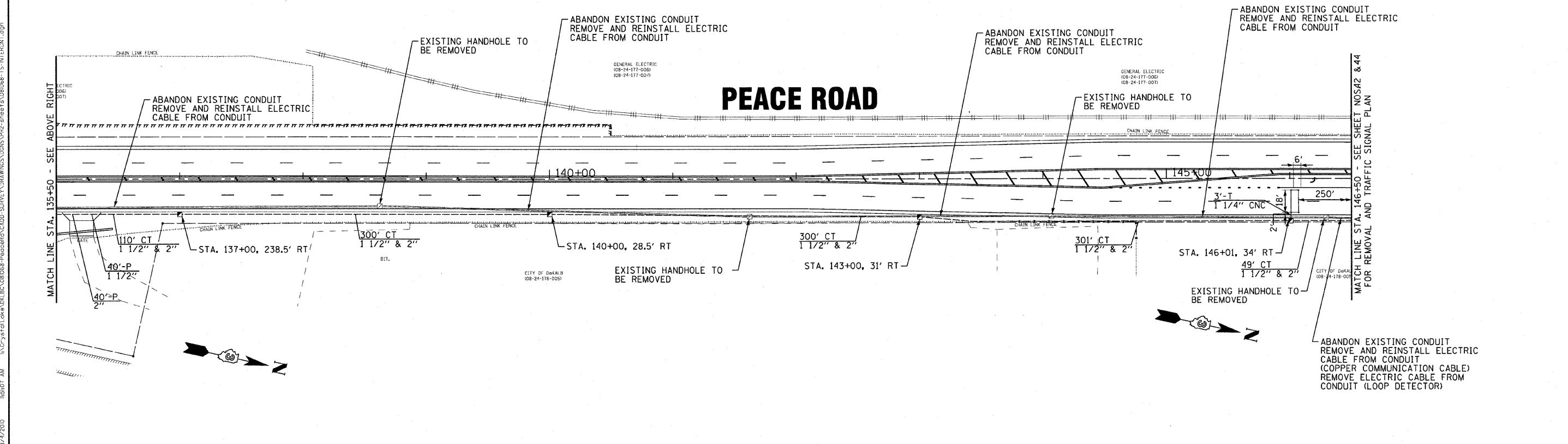
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	45
				CONTRACT NO. 87465
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				

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 8/2/2008 10:46:20 AM I:\Projects\081068-TS-CABLE.dgn



NOTE:
 THE PROPOSED 1 1/2" CONDUIT RUNNING FROM THE BRIDGE TO THE SIGNAL CABINET IS FOR FUTURE CITY COMMUNICATIONS. NO CABLE SHALL BE INSTALLED IN THIS CONDUIT AS A PART OF THIS PROJECT.

THE INTERCONNECT CABLE SHALL BE REMOVED AND STORED IN SUCH A WAY AS TO MAINTAIN THE INTEGRITY OF THE CABLE AND INSULATION AS DETERMINED BY THE ENGINEER. THE INTERCONNECT CABLE SHALL BE REINSTALLED IN THE NEW 2" CONDUIT. THIS WORK SHALL BE INCLUDED IN THE COST OF REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT.



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 LICENSE NO. 08-001021 - EXPIRES 4/30/2011
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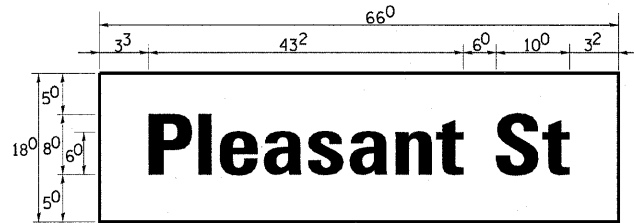
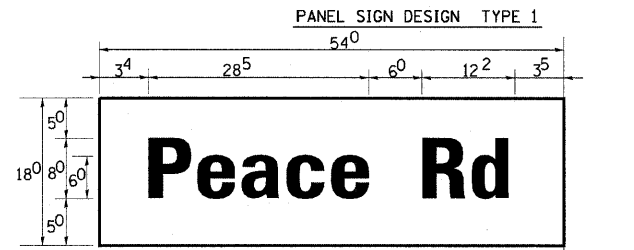


DESIGNED - DJS	REVISED -
DRAWN - LKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-TS-INTERCNT.dgn

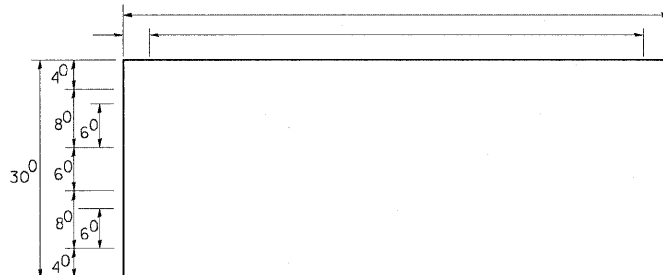
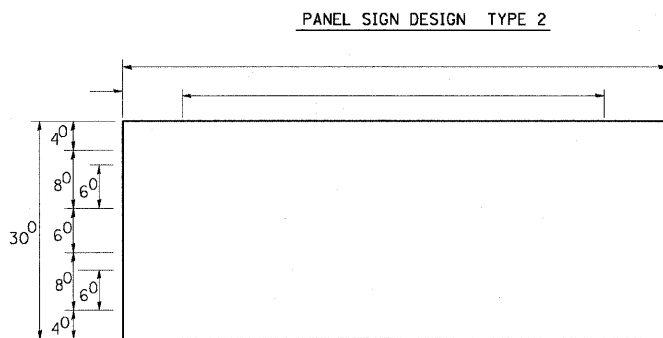
CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS

TRAFFIC SIGNAL INTERCONNECT PLAN	
SCALE: 1"=40'	STA. 124+50 TO STA. 146+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	46
FED. ROAD DIST. NO. 3 (ILLINOIS) FED. AID PROJECT M-5017 (043)			CONTRACT NO. 87465	



NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS



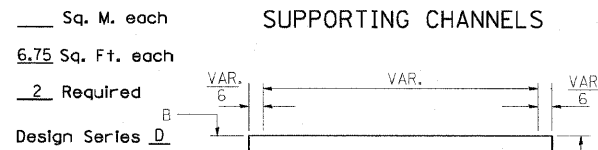
GENERAL NOTES

- WHERE MOST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MOST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.
- THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 8'-0".
- ALL BORDERS SHALL BE 3/4" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:

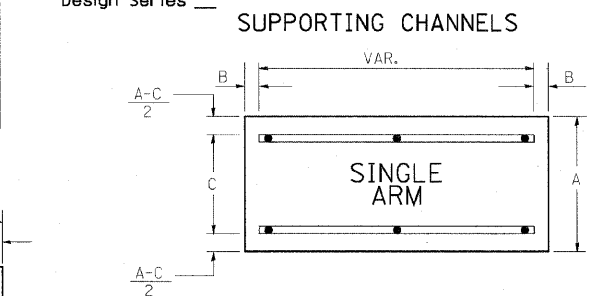
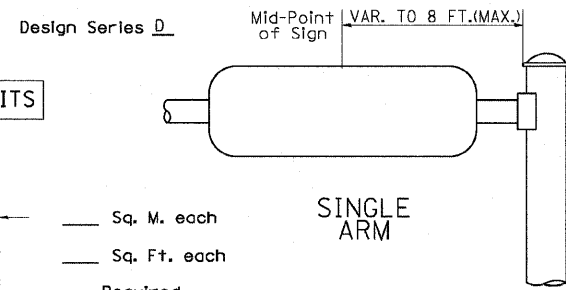
- * J.O. HERBERT CO. MIDLOTHIAN, VA.
- * WESTERN REMAC INC. WOODRIDGE, IL.

PARTS LISTING:
SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
BRACKETS PART #HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

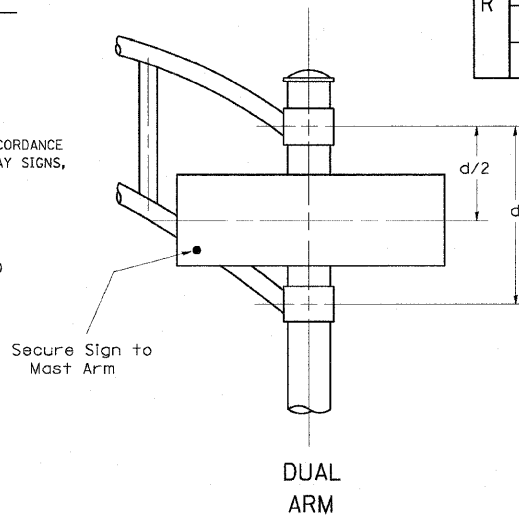
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.



A	B	C
18"	2"	14"



A	B	C
18"	2"	12"
30"	2"	22"



SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM shall be used. See Note #5.

Upper Case To Lower Case
Spacing Chart 8-6 Inch Series "C & D"

SERIES	SECOND LETTER															
	a c d e		b h i k l		f w		j		s t		v y		x		z	
	g o q	m n p r u														
A W X	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ¹	1 ⁴	0 ⁶	1 ⁰	1 ¹	1 ²	1 ²	1 ⁴
B	1 ⁴	1 ⁵	2 ⁰	2 ¹	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁶	1 ⁷
C E G	1 ⁴	1 ⁵	2 ⁰	2 ¹	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵
D O Q R	1 ⁴	1 ⁵	2 ⁰	2 ¹	1 ⁴	1 ⁵	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵
F	0 ⁵	0 ⁶	1 ⁴	1 ⁵	0 ⁶	1 ⁰	0 ⁵	0 ⁶	0 ⁶	1 ⁰	0 ⁶	1 ⁰	0 ⁶	1 ⁰	1 ¹	1 ²
H I M N	2 ⁰	2 ¹	2 ²	2 ⁴	2 ⁰	2 ¹	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷	2 ⁰	2 ¹	2 ⁰	2 ¹
J U	2 ⁰	2 ¹	2 ⁰	2 ¹	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁶	1 ⁷	2 ⁰	2 ¹
K L	1 ¹	1 ²	1 ⁶	1 ⁷	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴
P	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ²	1 ⁴	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴	1 ²	1 ⁴
S	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴
T	1 ¹	1 ²	1 ⁶	1 ⁷	0 ⁶	1 ⁰	0 ⁶	1 ⁰	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴
V	0 ⁶	1 ⁰	1 ⁴	1 ⁵	1 ¹	1 ²	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴
Y	0 ⁵	0 ⁶	1 ⁴	1 ⁵	0 ⁶	1 ⁰	0 ⁵	0 ⁶	0 ⁵	0 ⁷	0 ⁵	0 ⁶	0 ⁶	1 ⁰	1 ¹	1 ²
Z	1 ⁶	1 ⁷	2 ²	2 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁶	1 ⁷	2 ⁰	2 ¹

Lower Case To Lower Case
Spacing Chart 6 Inch Series "C & D"

SERIES	SECOND LETTER															
	a c d e		b h i k l		f w		j		s t		v y		x		z	
	g o q	m n p r u														
ad h g i j	1 ⁶	1 ⁷	2 ²	2 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷
l m n q u																
b f k o p s	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴	1 ²	1 ⁴
c e	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴
r	0 ⁶	1 ⁰	1 ²	1 ⁴	0 ⁶	1 ⁰	0 ³	0 ³	0 ⁵	0 ⁶	0 ⁵	0 ⁶	0 ⁶	1 ⁰	0 ⁶	1 ⁰
t z	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴	1 ²	1 ⁴
v y	1 ¹	1 ²	1 ⁴	1 ⁵	1 ¹	1 ²	0 ⁵	0 ⁶	0 ⁶	1 ⁰	0 ⁶	1 ⁰	1 ¹	1 ²	1 ¹	1 ²
w	1 ¹	1 ²	1 ⁴	1 ⁵	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴
x	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴

Number To Number
Spacing Chart 8 Inch Series "C & D"

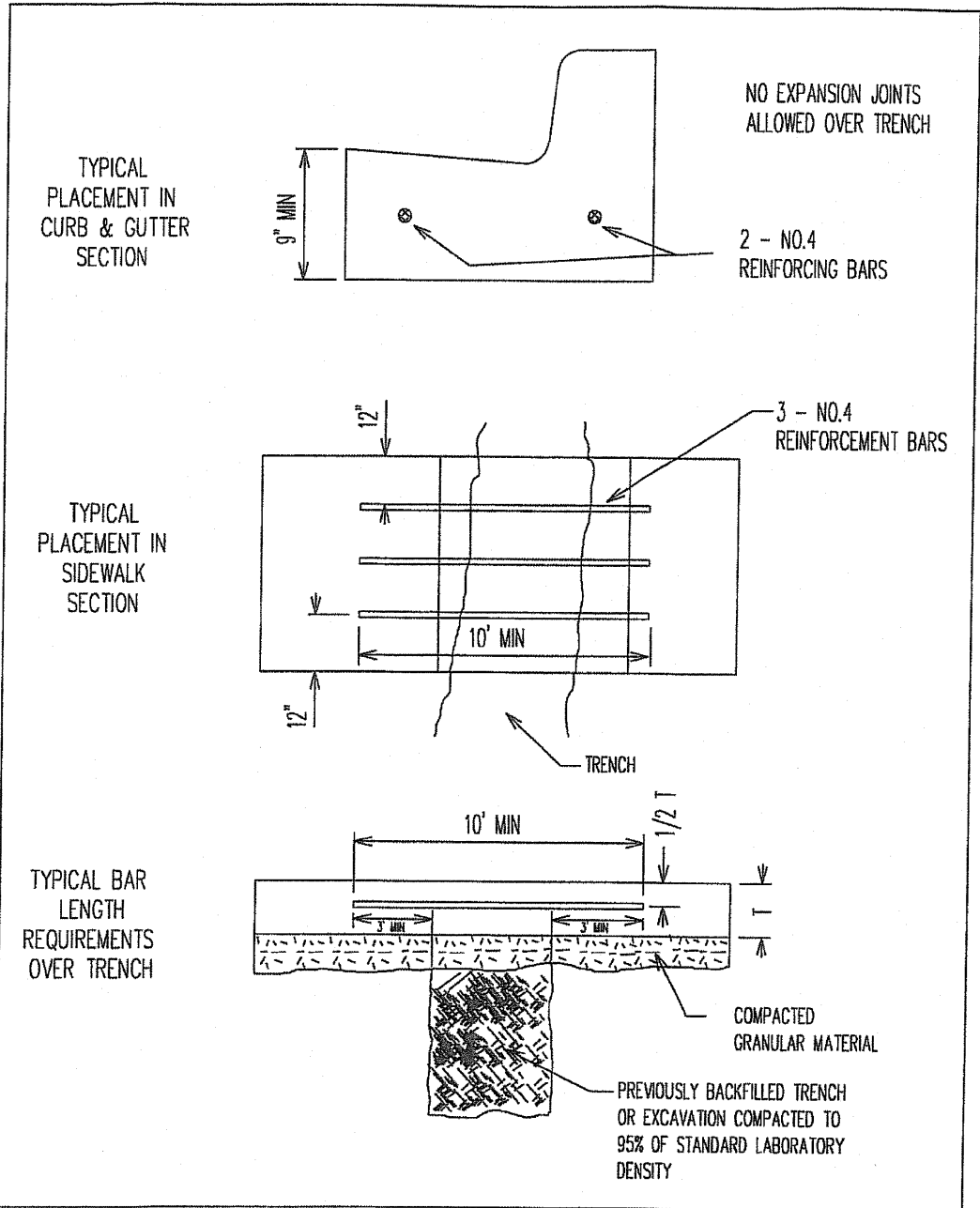
SERIES	SECOND NUMBER																			
	0		1		2		3		4		5		6		7		8		9	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
0 9	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ⁶	1 ⁷
1	2 ⁰	2 ¹	2 ⁰	2 ¹	2 ⁰	2 ¹	1 ⁶	1 ⁷	1 ⁴	1 ⁵	2 ⁰	2 ¹	2 ⁰	2 ¹	1 ⁴	1 ⁵	2 ⁰	2 ¹	2 ⁰	2 ¹
2 3 4	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ⁴	1 ⁵	
5	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵
6	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁴	1 ⁵
7	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ²	1 ⁵	0 ⁵	0 ⁶	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ²	1 ⁴
8	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ⁴	1 ⁵

EXAMPLE, 2³ DENOTES 3"

UPPER AND LOWER CASE
LETTER WIDTHS

LETTERS	6 INCH UPPER CASE LETTERS				8 INCH UPPER CASE LETTERS				LETTERS	6 INCH LOWER CASE LETTERS	
	SERIES		SERIES		SERIES		SERIES			C	D
	C	D	C	D	C	D	C	D			
A	3 ⁶	5 ⁰	5 ⁰	6 ⁵	a	3 ⁵	4 ²				
B	3 ²	4 ⁰	4 ³	5 ³	b	3 ⁵	4 ²				
C	3 ²	4 ⁰	4 ³	5 ³	c	3 ⁵	4 ¹				
D	3 ²	4 ⁰	4 ³	5 ³	d	3 ⁵	4 ²				
E	3 ⁰	3 ⁵	4 ⁰	4 ⁷	e	3 ⁵	4 ²				
F	3 ⁰	3 ⁵	4 ⁰	4 ⁷	f	2 ³	2 ⁶				
G	3 ²	4 ⁰	4 ³	5 ³	g	3 ⁵	4 ²				
H	3 ²	4 ⁰	4 ³	5 ³	h	3 ⁵	4 ²				
I	0 ⁷	0 ⁷	1 ¹	1 ²	i	1 ¹	1 ¹				
J	3 ⁰	3 ⁶	4 ⁰	5 ⁰	j	2 ⁰	2 ²				
K	3 ²	4 ¹	4 ³	5 ⁴	k	3 ⁵	4 ²				
L	3 ⁰	3 ⁵	4 ⁰	4 ⁷	l	1 ¹	1 ¹				
M	3 ⁷	4 ⁵	5 ¹	6 ¹	m	6 ⁰	7 ⁰				
N	3 ²	4 ⁰	4 ³	5 ³	n	3 ⁵	4 ²				
O	3 ⁴	4 ²	4 ⁵	5 ⁵	o	3 ⁶	4 ³				
P	3 ²	4 ⁰	4 ³	5 ³	p	3 ⁵	4 ²				
Q	3 ⁴	4 ²	4 ⁵	5 ⁵	q	3 ⁵	4 ²				
R	3 ²	4 ⁰	4 ³	5 ³	r	2 ⁶	3 ²				
S	3 ²	4 ⁰	4 ³	5 ³	s	3 ⁶	4 ²				
T	3 ⁰	3 ⁵	4 ⁰	4 ⁷	t	2 ⁷	3 ²				
U	3 ²	4 ⁰	4 ³	5 ³	u	3 ⁵	4 ²				
V	3 ⁵	4 ⁴	4 ⁷	6 ⁰	v	4 ²	4 ⁷				
W	4 ⁴	5 ²	6 ⁰	7 ⁰	w	5 ⁵	6 ⁴				
X	3 ⁴	4 ⁰	4 ⁵	5 ³	x	4 ⁴	5 ¹				
Y	3 ⁶	5 ⁰	5 ⁰	6 ⁶	y	4 ⁶	5 ³				
Z	3 ²	4 ⁰	4 ³	5 ³	z	3 ⁶	4 ³				

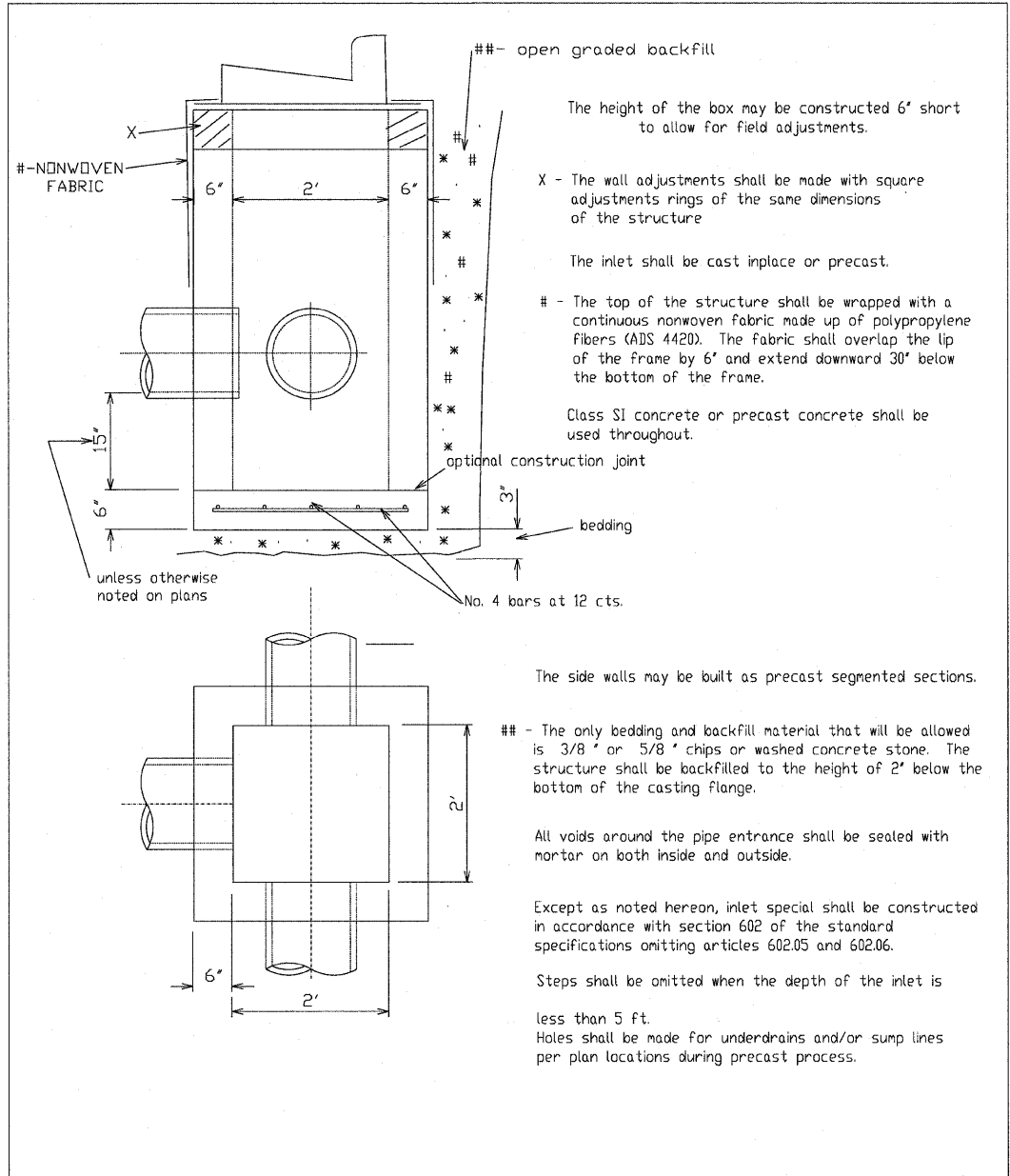
NUMBER	6 INCH SERIES		8 INCH SERIES	
	C	D	C	D
1	1 ²	1 ⁴	1 ⁵	2 ⁰
2	3 ²			



STANDARD DETAIL FOR REINFORCING CURB & GUTTER OR SIDEWALK INSTALLED OVER A TRENCH	REVISIONS 01/03/01 CEW	CITY OF DEKALB STREET STANDARD ST-103
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REINFORCEMENT OVER TRENCH DETAIL



STANDARD DETAIL FOR CATCH BASIN SPECIAL	REVISIONS 01-02-01 CEW	CITY OF DEKALB STORM SEWER STANDARD SS-200A
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DRAINAGE STRUCTURE SPECIAL DETAIL

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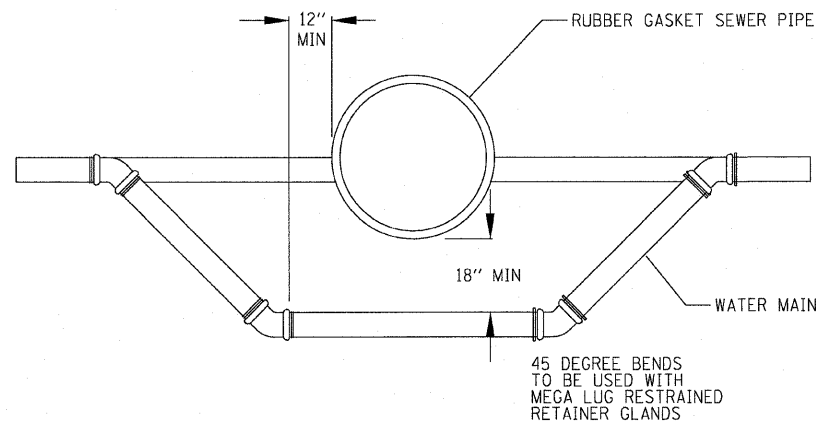


DESIGNED - DJS	REVISED - 10-27-2010 IDOT REVIEW
DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-DETAILS.dgn

**CITY OF DeKALB, ILLINOIS
 PEACE ROAD
 IMPROVEMENTS**

CITY OF DeKALB DETAILS	
SCALE: NONE	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	48
CONTRACT NO. 87465				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				



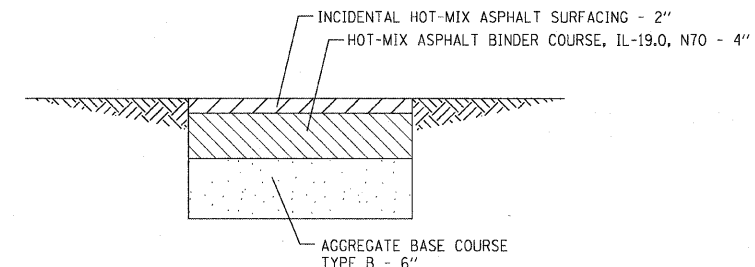
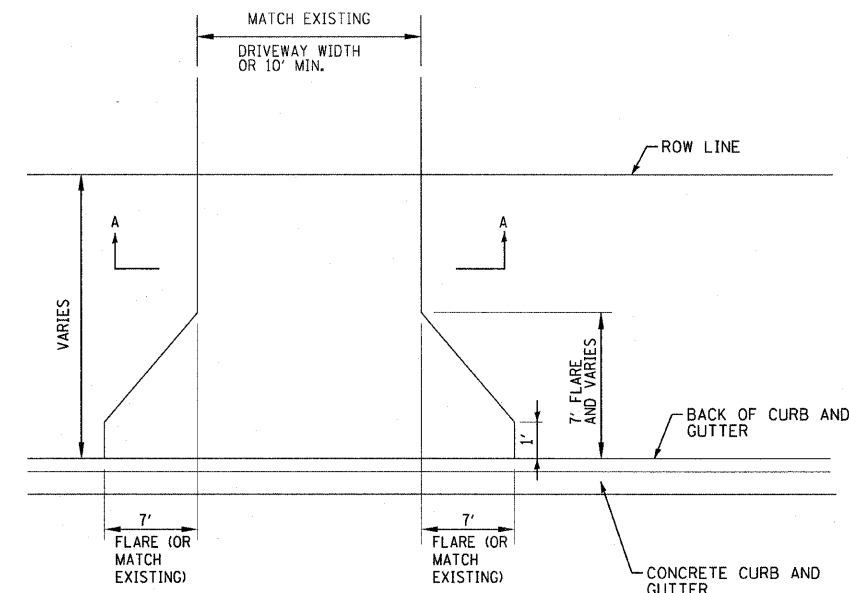
ALL NEW WATER MAIN AND FITTINGS SHALL BE DUCTILE IRON. THE PIPE SHALL BE OF THE CLASS 52.

4" COMPACTED GRANULAR MATERIAL (CA-6) BEDDING BENEATH ADJUSTED WATER MAIN SHALL BE EXTENDED TO THE SPRINGLINE OF THE PIPE.

ALL NEW WATER MAIN SHALL BE DISINFECTED BY CAREFULLY SWABBING WITH A CHLORINE SOLUTION.

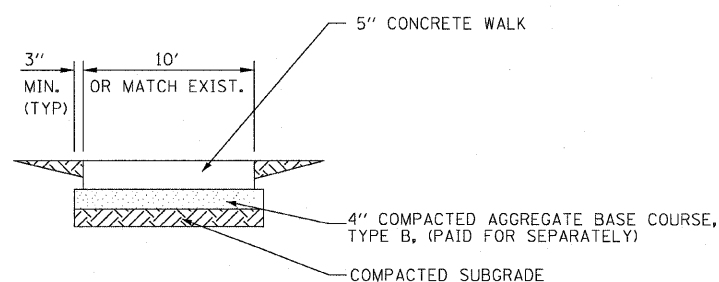
WATER MAIN RELOCATION DETAIL

NO SCALE



SECTION A-A

COMMERCIAL DRIVEWAYS

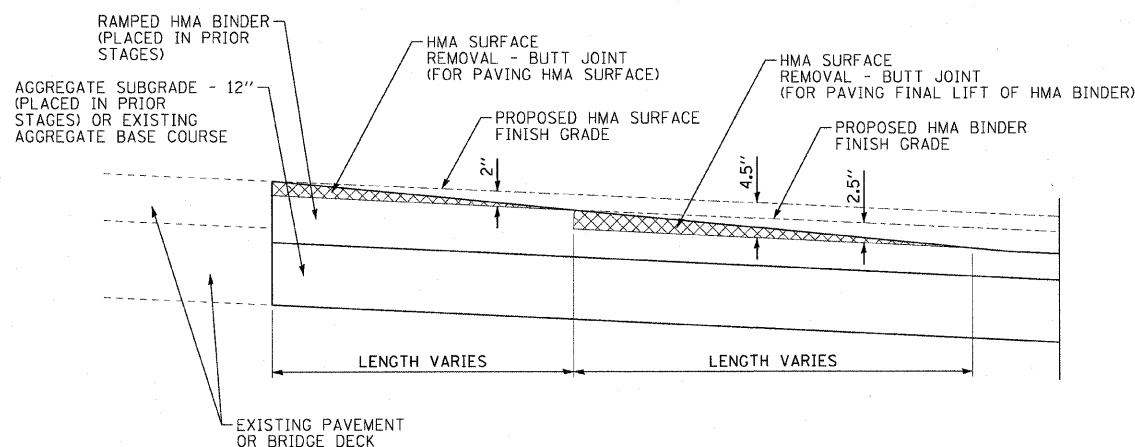


NOTE: PROVIDE FIBER EXPANSION JOINTS WHERE NEW SIDEWALK MEETS EXISTING AND @ 50' O.C. MAX. AND PROVIDE 1/2 INCH DEEP CONTROL JOINTS @ 5' O.C. SAWCUT JOINTS WILL NOT BE ALLOWED

AT ALL LOCATIONS WHERE THE SIDEWALK ABUTS CURB AND GUTTER, THE SIDEWALK SHALL BE POURED FULL CURB AND GUTTER DEPTH FOR A MINIMUM 12 INCH WIDTH. THIS SHALL BE INCLUDED IN THE COST OF THE PCC SIDEWALK - 5".

PCC SIDEWALK - 5"

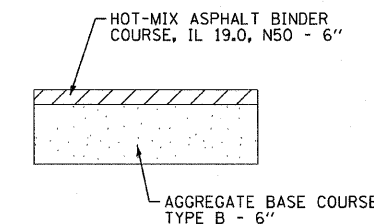
NO SCALE



BUTT JOINTS SHALL BE MILLING JUST PRIOR TO EACH HMA LIFT PLACEMENT WHERE REQUIRED. IF BUTT JOINTS ARE MILLED AND SUBJECTED TO TRAFFIC BEFORE THE HMA LIFT IS PLACED, A TEMPORARY RAMP SHALL BE PLACED IN THE WEDGE. THE SIZE AND THICKNESS OF THE TEMPORARY RAMP SHALL MATCH THE WEDGE SO TO CREATE A SMOOTH TRANSITION BETWEEN THE PROPOSED AND EXISTING PAVEMENTS. THE TEMPORARY RAMP SHALL BE MAINTAINED WHILE UNDER TRAFFIC LOADING AND SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE REMOVAL - BUTT JOINT.

BUTT JOINT DETAIL

NO SCALE



TEMPORARY PAVEMENT

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DRAWN - UKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 05-03-2010	FILE NAME - 081068-DETAILS.dgn

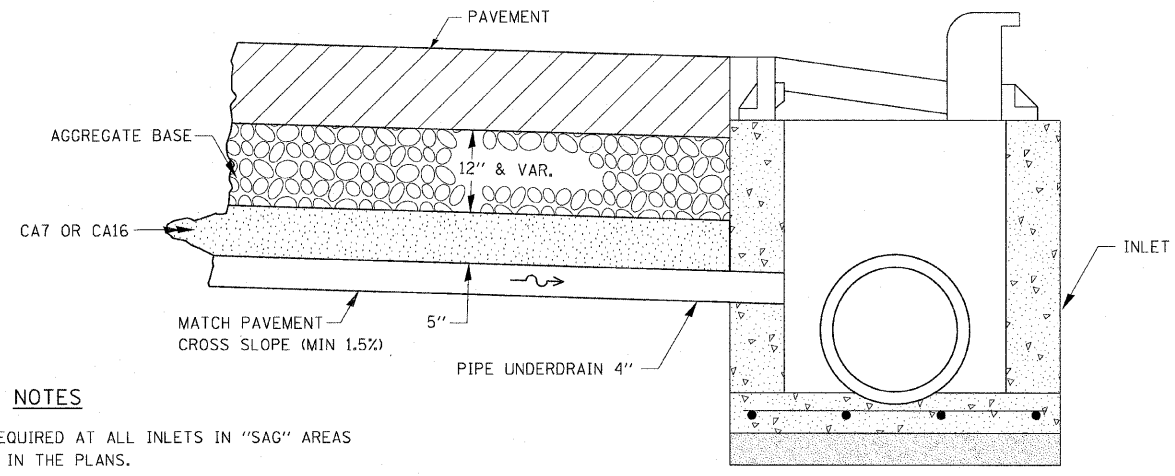
CITY OF DeKALB, ILLINOIS PEACE ROAD IMPROVEMENTS

MISCELLANEOUS DETAILS

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	49
CONTRACT NO. 87465				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				



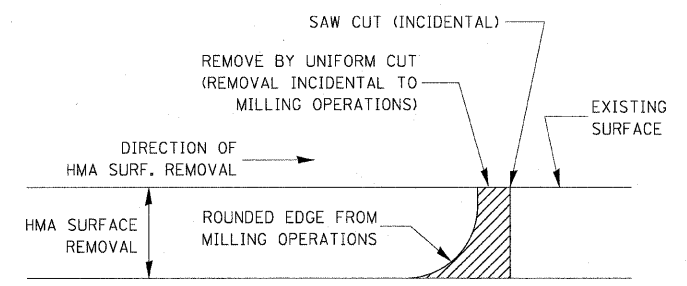
NOTES

DRAINS WILL BE REQUIRED AT ALL INLETS IN "SAG" AREAS AND AS INDICATED IN THE PLANS.

THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS.

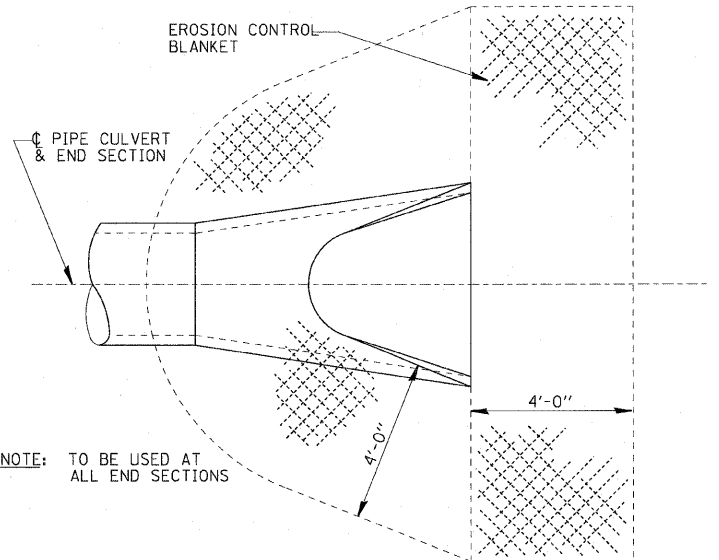
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE UNDERDRAINS OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CA7 OR CA16 AND THE CONNECTION TO THE INLET.

**DRAIN FOR AGGREGATE BASES IN URBAN AREAS
601-04**



NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

**HMA DETAIL AT BUTT JOINTS
406-8**



NOTE: TO BE USED AT ALL END SECTIONS

NOTE: PRC FLARED END SECTION SHOWN. TREATMENT SAME FOR OTHER END SECTIONS.

**DETAIL OF EROSION CONTROL BLANKET LINING AROUND END SECTION
251-2**

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 PROJECT: ILLINOIS PEACE ROAD IMPROVEMENTS
 DRAWING NO.: 081068-DETAILS.dgn
 DATE: 05/03/2010
 DRAWN BY: UKB
 CHECKED BY: RWL
 DESIGNED BY: DJS



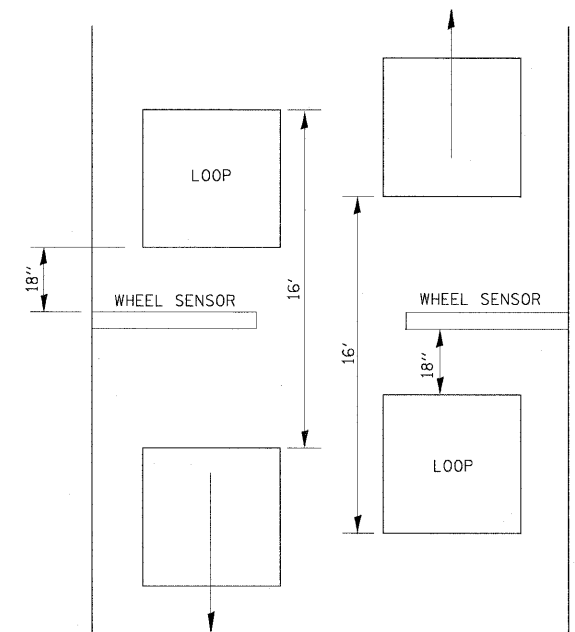
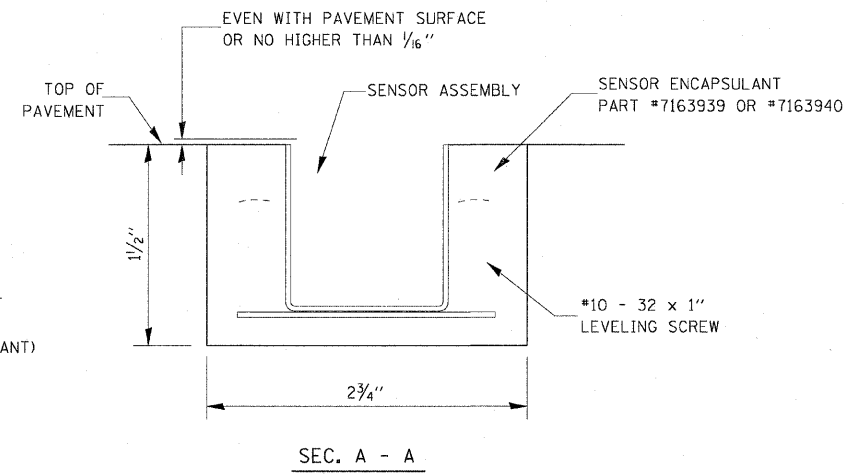
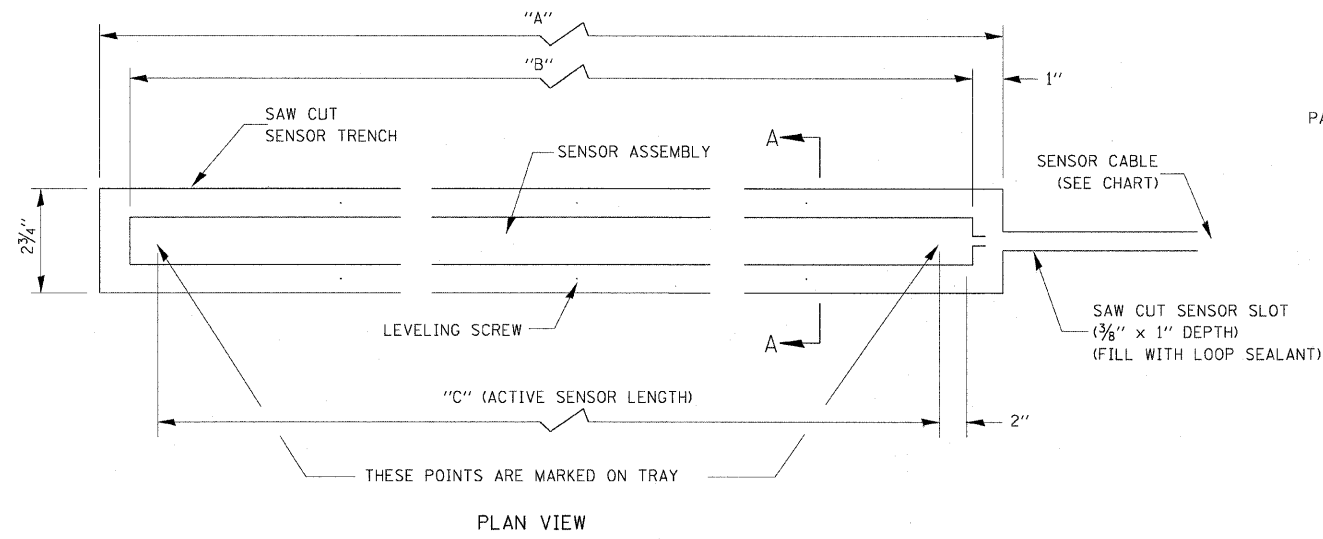
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**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

IDOT DISTRICT 3 DETAILS

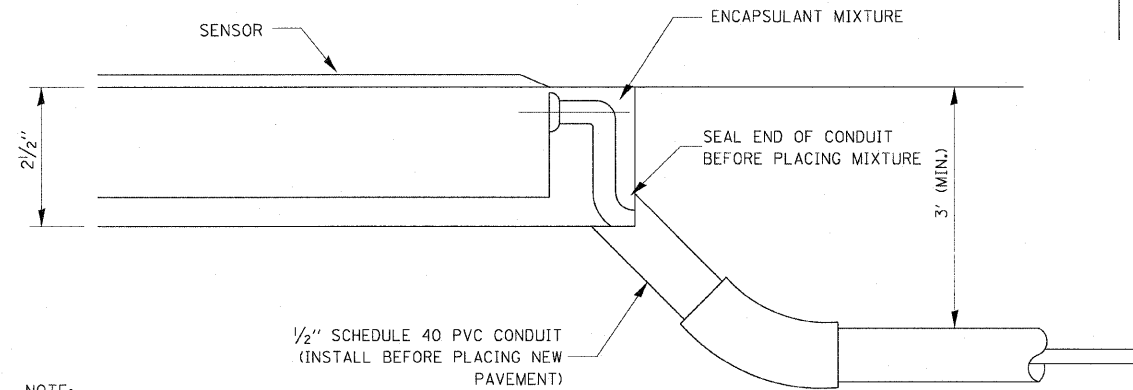
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	50
CONTRACT NO. 87465			FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)	



GENERAL NOTE:

THIS WORK SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF DETECTOR LOOPS AND AXLE DETECTORS (PIEZOCABLE SENSOR). THE DETECTOR LOOPS AND AXLE DETECTORS SHALL BE REMOVED WITH THEIR ELECTRIC CABLE ALL THE WAY TO THE EXISTING CABINET CONNECTION, AND REPLACED IN THE SAME MANNER USING THE EXISTING CONDUIT, HANDHOLE, AND GULFBOX JUNCTION.



NOTE: THIS ARRANGEMENT CAN BE USED ONLY WITH NEW PAVEMENT CONSTRUCTION.

ALTERNATE SENSOR CABLE INSTALLATION

SENSOR ASSEMBLY INSTALLATION PROCEDURE:

1. USING A CHALK LINE, MARK THE SENSOR TRENCH OUTLINE ON THE PAVEMENT. SEE SYSTEM LAYOUT DRAWING FOR SENSOR LOCATIONS.
2. SAW CUT AROUND THE TRENCH PERIMETER TO A DEPTH OF 1 1/2".
3. SAW CUT THE 3/8" x 1" DEPTH. SENSOR CABLE SLOT THE THE EDGE OF THE PAVEMENT.
4. REMOBE EXISTING PAVEMENT TO A DEPTH OF 1 1/2" WITHIN THE SAW CUT TRENCH PERIMETER.
5. THOROUGHLY CLEAN THE TRENCH OF ALL DEBRIS, DUST, ETC.
6. PLACE SENSOR ASSEMBLY IN THE TRENCH. ADJUST THE #10-32 LEVELING SCREWS UNTIL THE TOP OF THE SENSOR ASSEMBLY IS EVEN WITH THE PAVEMENT SURFACE. (NO HIGHER THAN 1/16")
7. THOROUGHLY MIX LARGE CAN OF ENCAPSULANT.
8. ADD HARDENER & MIX THOROUGHLY.
9. POUR ENCAPSULANT AROUND SENSOR TRYING NOT TO DISTURB SENSOR.
10. 3 TO 5 POUND WEIGHT MAY HAVE TO BE USED TO STOP FLOATING.
11. FILL TRENCH WITH MIXTURE UNTIL FLUSH WITH THE SURFACE OF PAVEMENT. TROWEL AS REQUIRED.
12. LET EPOXY CURE UNTIL HARD.
13. GRIND PERIMETERS IF NEEDED TO REMOVE HIGH OR ROUGH SPOTS.

NOTE: SENSOR CAN BE BENT SLIGHTLY TO CONFORM TO ROADWAY.

REFERENCE: INSTALLATION MANUAL #1050527

DETECTOR LOOP DETAILS

886-1

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	PLOT DATE = 10/28/2010	DATE -	REVISED -			FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)						

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DESIGNED - DJS
 DRAWN - MAC
 CHECKED - RWL
 DATE - 05-03-210

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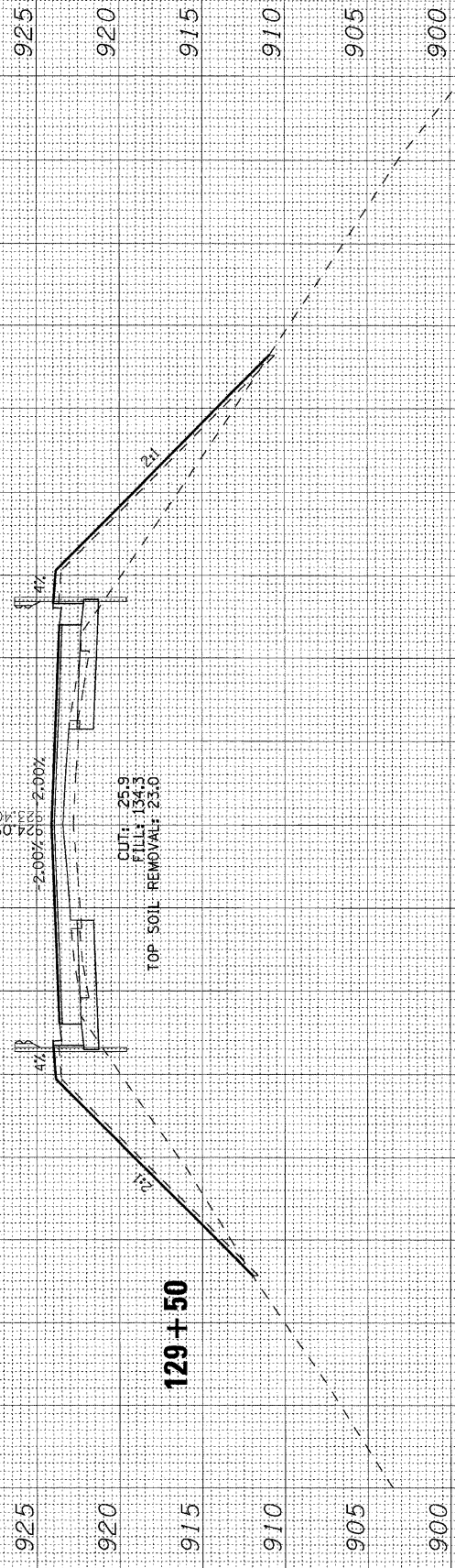
**CITY OF DeKALB, ILLINOIS
 PEACE ROAD
 IMPROVEMENTS**

**CROSS SECTIONS
 PEACE ROAD**

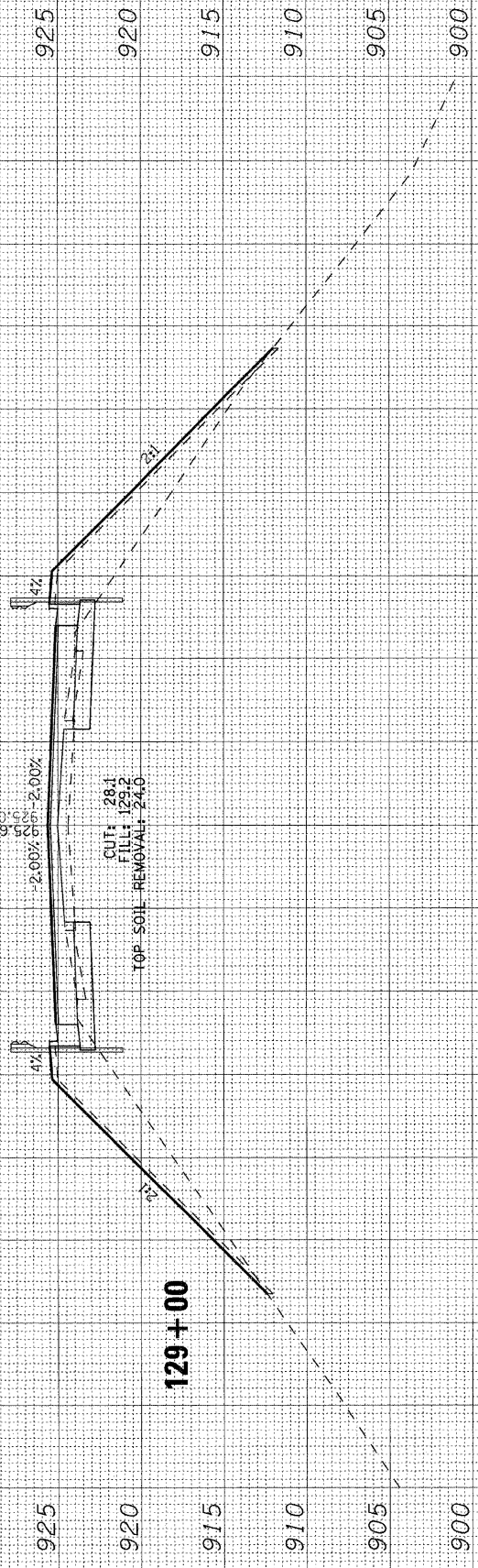
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STA. 128+50 TO STA. 129+50

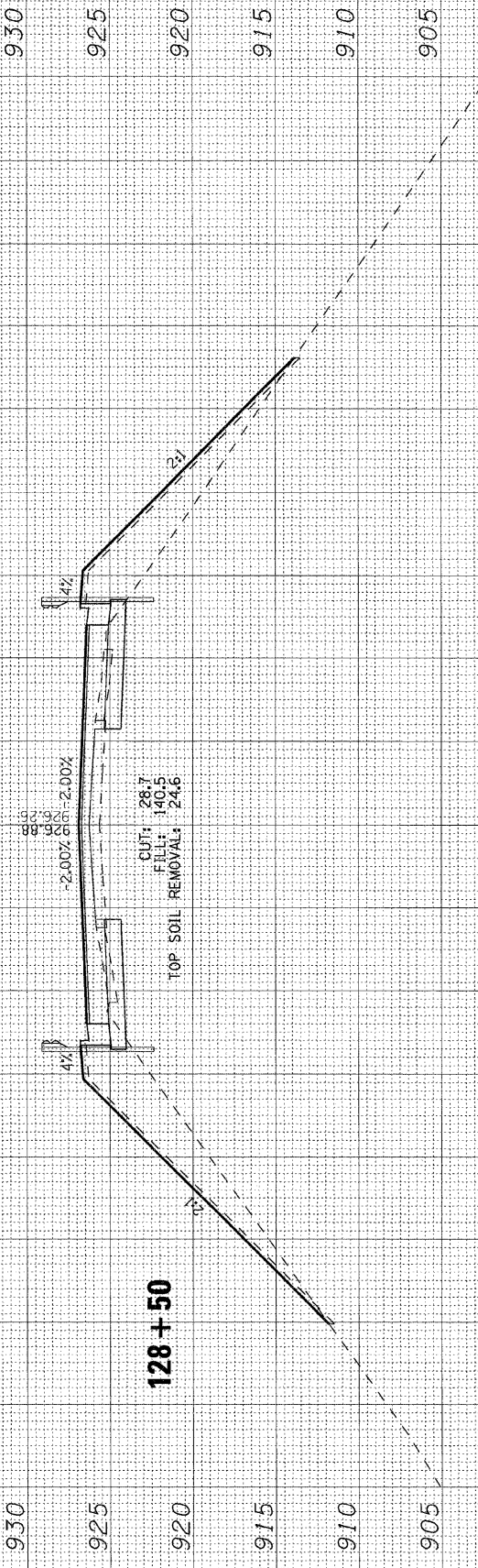
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FED. ROAD DIST. NO. 3 ILLINOIS			CONTRACT NO. 87465	
FED. AID PROJECT W-5017 (043)				



129+50



129+00



128+50

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 LICENSE NO.: 184-00181 - EXPIRES 4/30/2018
 2300 S. WOODSTOCK AVENUE, SUITE 200, DEKALB, ILLINOIS 62521
 TEL: 219.283.1100 FAX: 219.283.1101



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 DATE - 05-03-210

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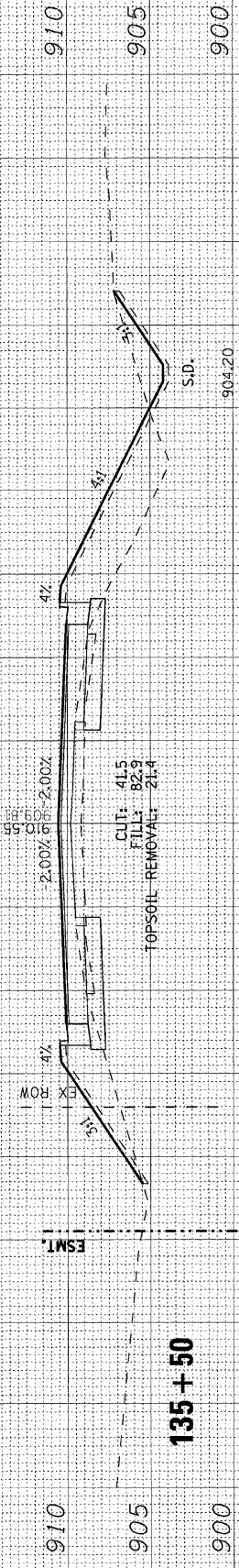
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 PEACE ROAD
 IMPROVEMENTS**

**CROSS SECTIONS
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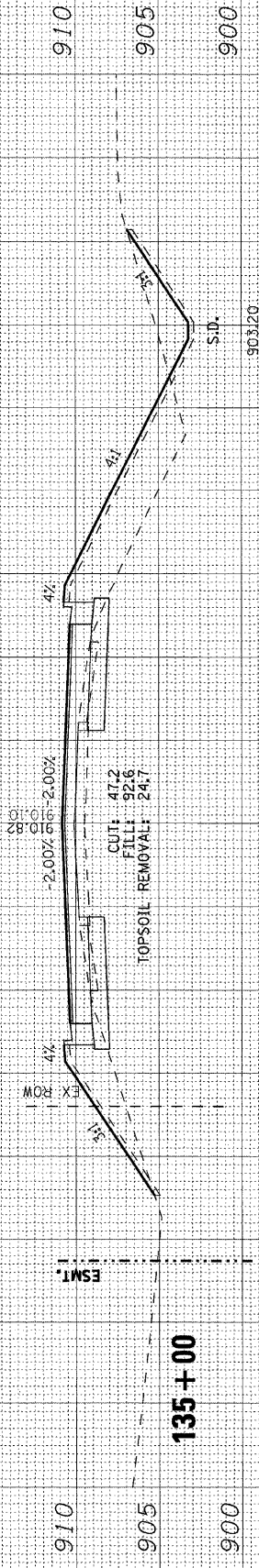
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STA. 133+50 TO STA. 135+50

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FED. ROAD DIST. NO. 3 (ILLINOIS)			CONTRACT NO. 87465	
FED. AID PROJECT M-5017 (043)				



135+50



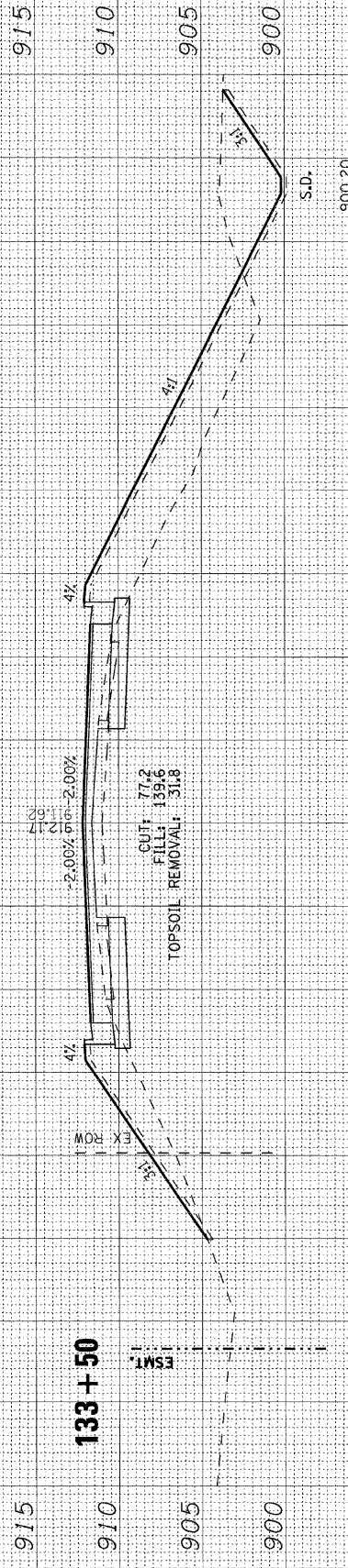
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134+50

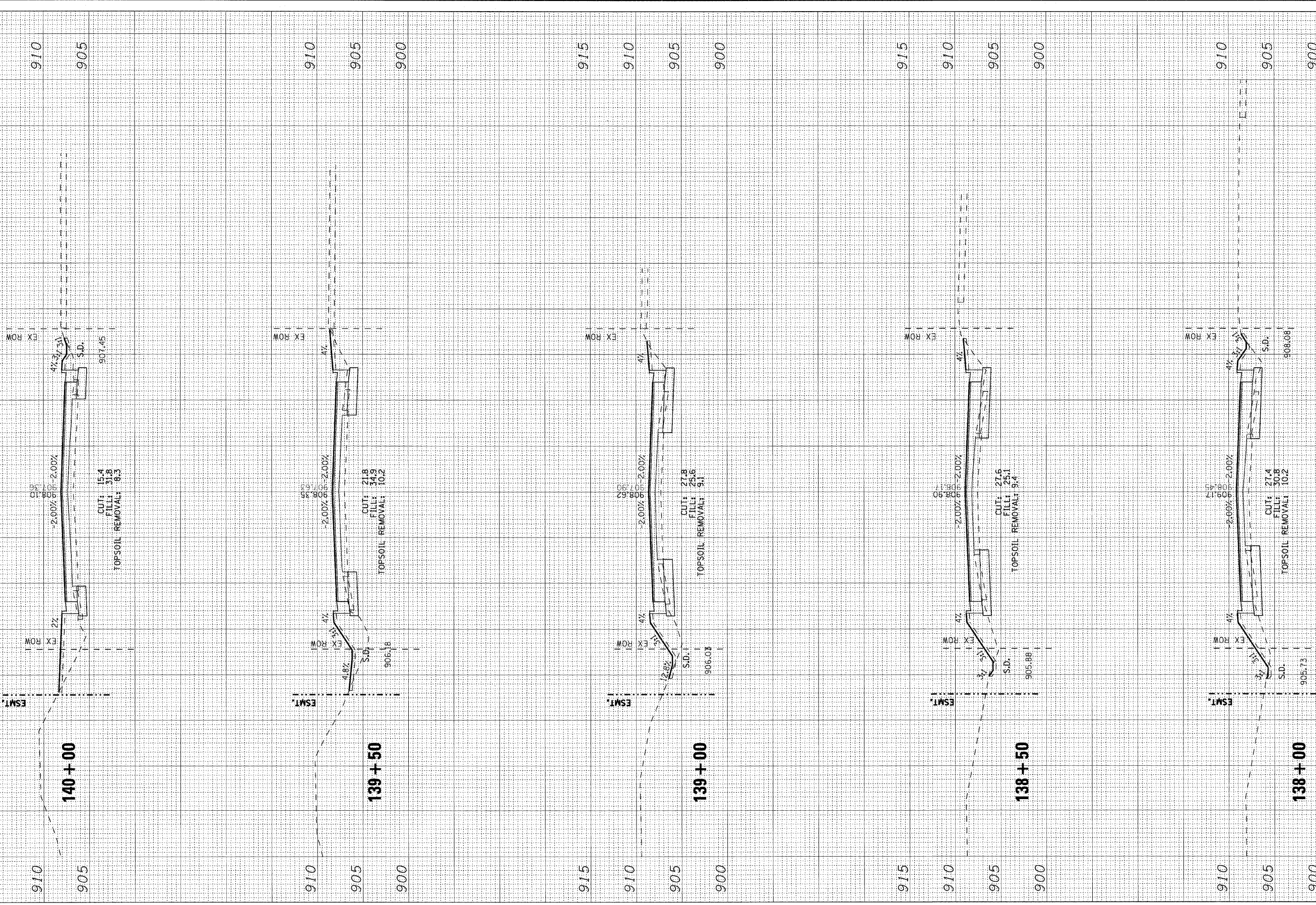


134+00



133+50

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 LICENSE NO. 084-00071 - EXPIRES 7/30/2011
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**CITY OF DeKALB, ILLINOIS
 PEACE ROAD
 IMPROVEMENTS**

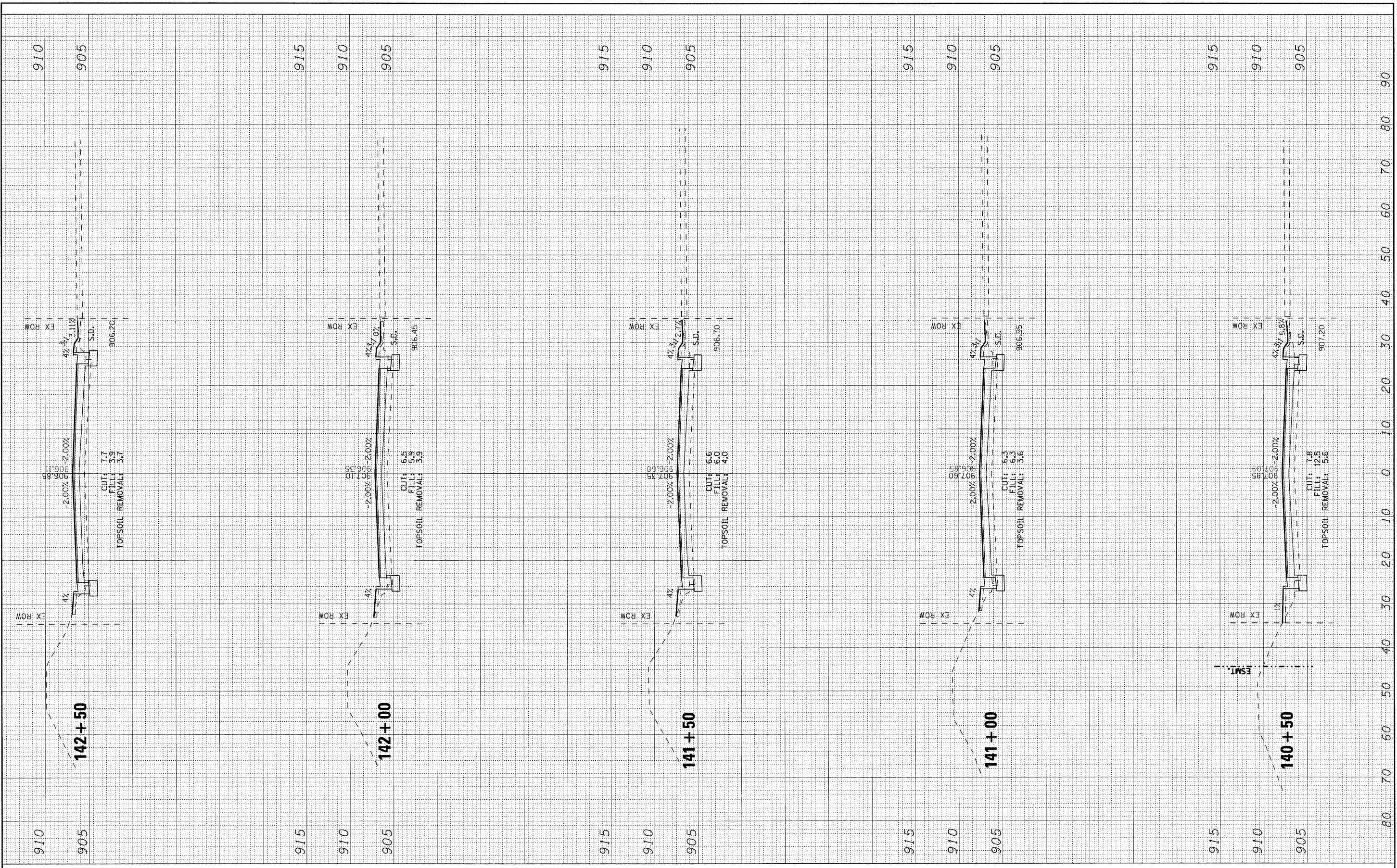
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SCALE: H: 1"=10' V: 1"=5'

STA. 138+00 TO STA. 140+00

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FED. ROAD DIST. NO. 3 (ILLINOIS)			CONTRACT NO. 87465	
FED. AID PROJECT M-5017 (043)				

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 DATE - 05-03-210

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**CITY OF DeKALB, ILLINOIS
 PEACE ROAD
 IMPROVEMENTS**

**CROSS SECTIONS
 PEACE ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 140+50 TO STA. 142+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	61
FED. ROAD DIST. NO. 3 ILLINOIS			CONTRACT NO. 87465	
FED. AID PROJECT W-5017 (043)				

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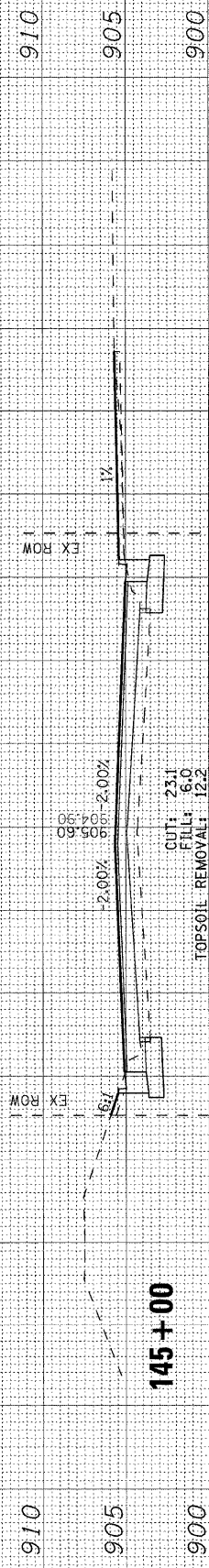
CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS

CROSS SECTIONS
PEACE ROAD

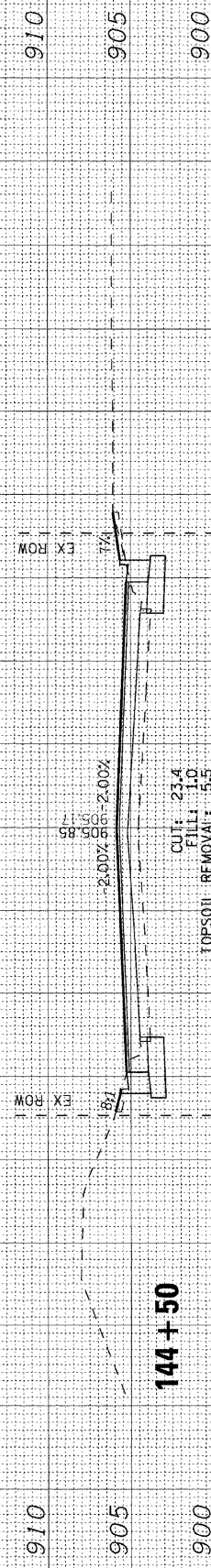
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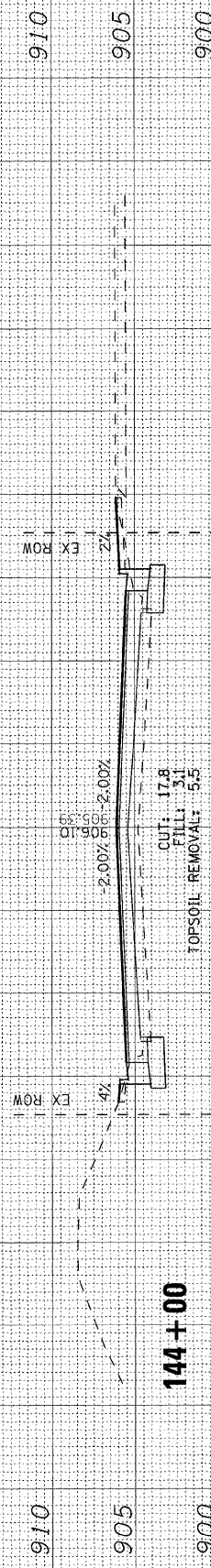
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FED. ROAD DIST. NO. 3 (ILLINOIS)			CONTRACT NO. 87465	
FED. AID PROJECT M-5017 (043)				



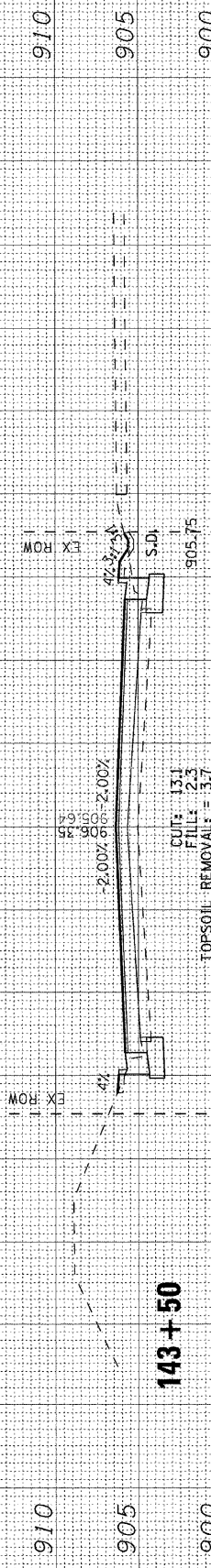
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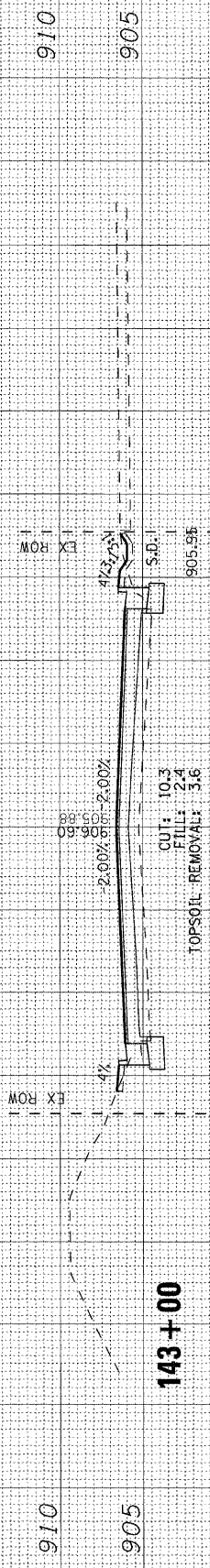
144 + 50



144 + 00



143 + 50



143 + 00

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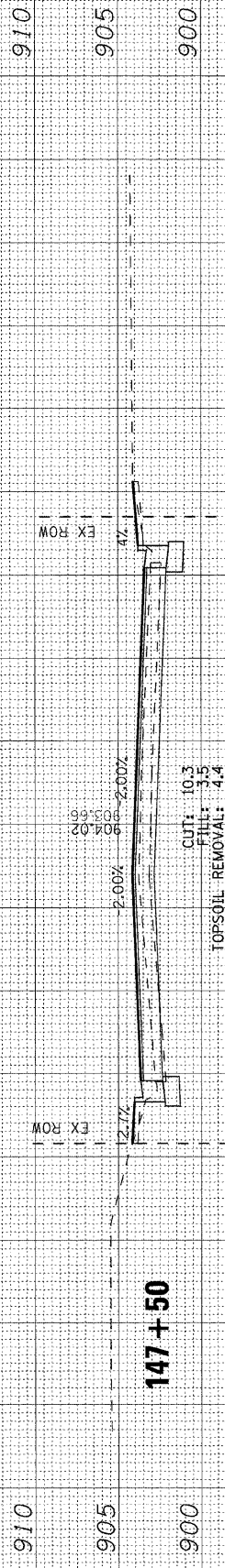
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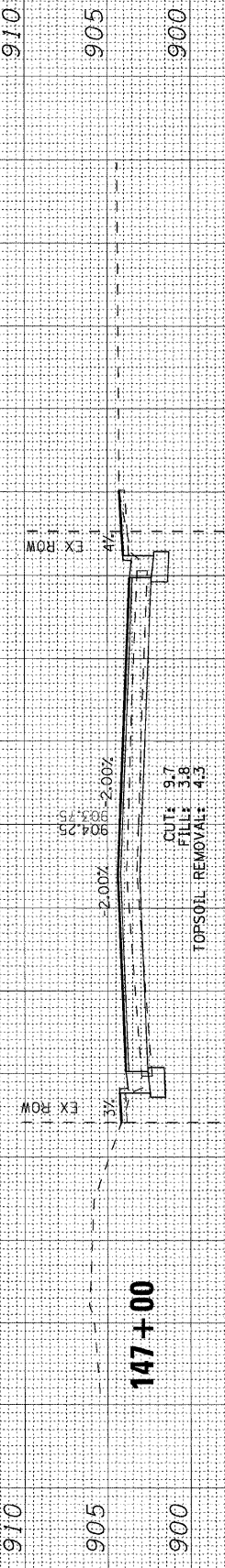
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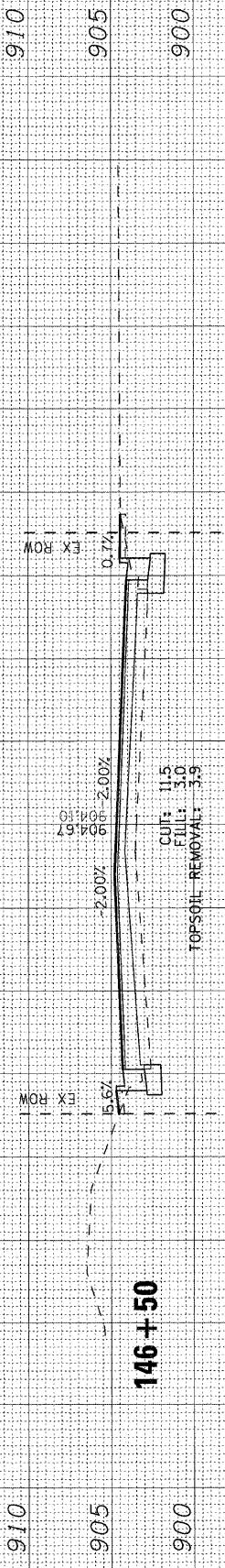
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			CONTRACT NO. 87465	



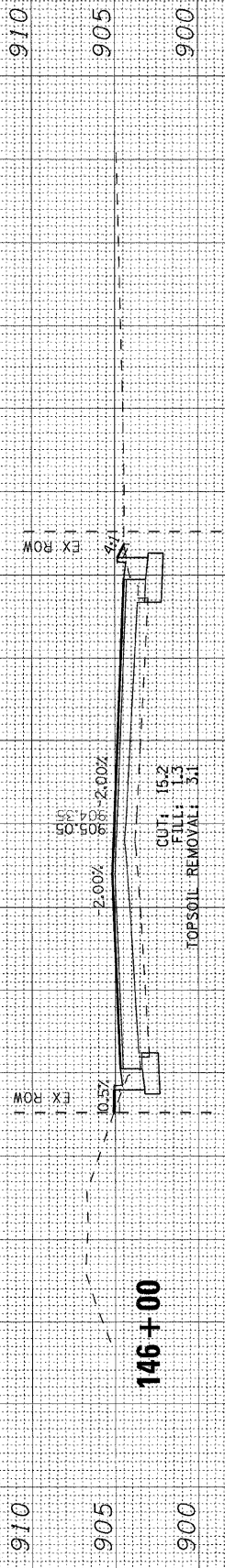
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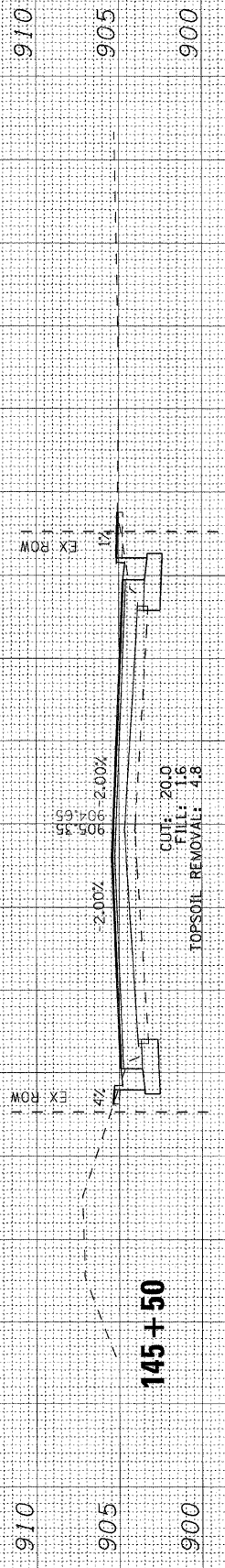
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146 + 50



146 + 00



145 + 50

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