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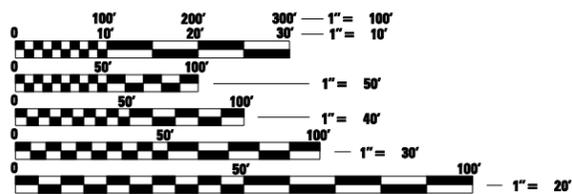
INDEX OF STANDARD DRAWINGS

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ROADWAY DESIGN DESIGNATION

DESIGN FUNCTIONAL CLASSIFICATION	DESIGN TRAFFIC	DESIGN SPEED
BUCKBEE STREET: LOCAL STREET	1,150 (YEAR 2008)	30 MPH
15TH AVENUE: MINOR ARTERIAL (FAU 5082)	8,700 (YEAR 2008)	30 MPH
16TH AVENUE: LOCAL STREET	N/A (YEAR 2008)	30 MPH
18TH AVENUE: COLLECTOR (FAU 1559)	1,550 (YEAR 2008)	30 MPH
BLACKHAWK PARK AVENUE: LOCAL STREET	1,200 (YEAR 2008)	30 MPH

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

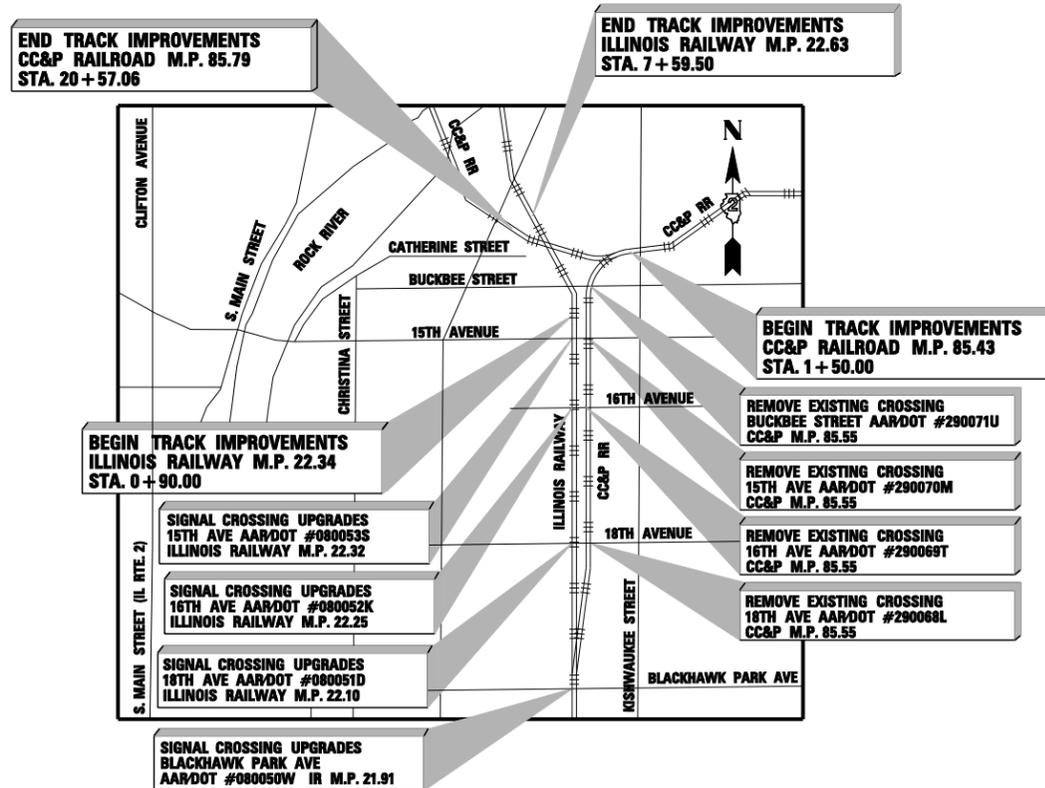
CITY BID # 410-PW-064

**CITY OF ROCKFORD ILLINOIS
WINNEBAGO COUNTY**

**ROCKFORD JUNCTION
TRACK IMPROVEMENTS**

**TRACK RECONFIGURATION AT ROCKFORD JUNCTION
WITH RR SIGNAL IMPROVEMENTS FROM
BUCKBEE STREET TO BLACKHAWK PARK AVENUE**

SECTION 10-00493-04-RR



PROJECT LOCATION MAP

NOT TO SCALE

CHICAGO CENTRAL & PACIFIC RAILROAD
M.P. 85.43 TO M.P. 85.79 = 0.36 MILES
ILLINOIS RAILWAY
M.P. 22.34 TO M.P. 22.63 = 0.29 MILES
TOTAL PROJECT LENGTH 0.65 MILES (3,432 FT)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00493-04-RR	WINNEBAGO	51	1
FED. ROAD DIST. NO. 2		ILLINOIS	BID NO. 410-PW-064	



**CITY OF ROCKFORD
DEPARTMENT OF PUBLIC WORKS**

APPROVED _____ 20____
ILLINOIS RAILWAY ENGINEER

APPROVED _____ 20____
CHICAGO CENTRAL & PACIFIC RAILROAD ENGINEER

RELEASING FOR LETTING _____ 20____
CITY OF ROCKFORD ENGINEER

SIGNED _____ FOR DRAWINGS
DATE _____

SIGNED _____ FOR DRAWINGS
DATE _____

SIGNED _____ FOR DRAWINGS
DATE _____

RAILROAD OPERATIONS

1. THE CONTRACTOR SHALL BE AWARE THAT THEY MAY BE WORKING IN THE VICINITY OF LIVE TRAIN OPERATIONS. THERE ARE CURRENTLY THREE OPERATING RAILROADS WITHIN THE PROJECT LIMITS; THE CHICAGO, CENTRAL & PACIFIC RAILROAD (CC & P), THE ILLINOIS RAILWAY (IR) AND THE DAKOTA, MINNESOTA AND EASTERN (DM & E). THE CONTRACTOR SHALL COOPERATE AND COORDINATE THEIR WORK WITH ALL RAILROADS.
2. ALL PERSONNEL THAT WORK WITHIN THE RAILROAD RIGHT-OF-WAY SHALL BE SAFETY TRAINED PER THE APPLICABLE LAWS AND REGULATIONS.
3. THE CONTRACTOR'S WORK SHALL NOT INTERRUPT THE OPERATIONS OF THE RAILROAD WITHOUT PRIOR WRITTEN APPROVAL OF THE OPERATING RAILROAD.
4. AT ALL TIMES WHEN PERSONNEL ARE WORKING OR EQUIPMENT IS OPERATING WITHIN TWENTY-FIVE FEET (25') OF A TRACK CENTERLINE A RAILROAD EMPLOYEE FLAGGER SHALL BE PRESENT AND IN CONTROL OF THE ACTIVITIES OF THE WORK CREWS. UNLESS SOME OTHER MEANS ARE IMPLEMENTED THAT WOULD PREVENT A TRAINS FROM OPERATING AT THE LOCATION OF THE WORK A RAILROAD FLAGGER MUST BE PRESENT. THE CONTRACTOR IS CAUTIONED THAT RAILROAD FLAGGERS MAY NOT BE AVAILABLE AT ALL TIMES WHEN WORK ACTIVITIES ARE PLANNED.
5. THE RECOMMENDED SEQUENCES OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC ARE INCLUDED ON SHEET ST-101 OF THESE PLANS.
6. ALL TRACK WORK SHALL BE COORDINATED BY THE CONTRACTOR WITH THE OVERALL PROJECT SCHEDULE AND STAGING REQUIREMENTS.
7. ALL TRACK WORK IS TO BE CONSTRUCTED TO RAILROAD STANDARDS.
8. ANY BALLAST CONTAMINATED BY FOREIGN MATERIAL DURING CONSTRUCTION SHALL NOT BE USED ON THE PROJECT AND PROPERLY DISPOSED OF AT THE CONTRACTOR'S EXPENSE.
9. TIE SPACING SHALL BE MEASURED CENTER TO CENTER OF TIE AT THE CENTERLINE OF TRACK. ALL TIES SHALL BE 7" X 9" X 8'-6" HARDWOOD TIMBER TIES, EXCEPT IN SPECIAL TRACKWORK OR AS NOTED OTHERWISE. ALL TIES SHALL BE INSTALLED PERPENDICULAR TO THE RUNNING RAIL UNLESS OTHERWISE NOTED.
10. ALL TRACKS SHALL BE LINED AND SURFACED TO THE LINE AND ELEVATIONS SHOWN ON THE PLANS.
11. ALL TRACKS SHALL RECEIVE A FINAL SURFACING PASS THROUGH ALL CONSTRUCTION AREAS AT THE CONCLUSION OF WORK ON THE TRACK. THE COST OF THE FINAL SURFACING SHALL BE INCLUDED IN THE COST OF THE TRACK WORK.

GENERAL WORK

12. ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE CURRENT SPECIFICATIONS AND STANDARDS OF THE RAILWAY COMPANY HAVING JURISDICTION, THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION, AND THE CITY OF ROCKFORD, EXCEPT WHERE OTHERWISE NOTED. WHENEVER REFERENCE IS MADE TO THE STANDARD SPECIFICATIONS, IT SHALL BE CONSIDERED TO MEAN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, ADOPTED JANUARY 1, 2007, AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, DATED JANUARY 1, 2010.
13. LINEAL FOOT MEASUREMENTS SHOWN ON THE PLANS ARE HORIZONTAL MEASUREMENTS, NOT SLOPE MEASUREMENTS. ALL PAYMENTS SHALL BE MADE ON HORIZONTAL MEASUREMENTS.
14. ALL ITEMS REMOVED AS PART OF THE WORK SHALL REMAIN THE PROPERTY OF THE CONTRACTOR. ANY SALVAGE VALUE OF THE REMOVED MATERIAL SHALL BE REFLECTED IN THE PRICE OF THE CONTRACT.
15. ALL WASTE MATERIAL RESULTING FROM THE PROJECT SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND HAULED TO A LEGAL WASTE DISPOSAL SITE. NO CONSTRUCTION WASTE SHALL BE BURNED OR BURIED ON SITE.
16. THE CONTRACTOR SHALL CONTROL THE EROSION AND SILTATION DURING ALL PHASES OF CONSTRUCTION AND KEEP THE STREETS CLEAN OF MUD AND DEBRIS.
17. A MINIMUM ONE WEEK NOTICE MUST BE GIVEN TO THE RAILROAD AND/OR THE RAILROAD'S SIGNAL DEPARTMENTS BEFORE EXCAVATION OR TRACK MODIFICATIONS ON THEIR PROPERTY CAN OCCUR.

EARTHWORK AND UTILITIES

18. THE CONTRACTOR IS REQUIRED TO CALL THE ILLINOIS ONE-CALL LOCATING SERVICE (J.U.L.I.E.) AT 1-800-892-0123 (OR 811) AT LEAST 2 WORKING DAYS BEFORE ANY EXCAVATION IS STARTED. THE CONTRACTOR IS CAUTIONED THAT SOME UTILITIES ARE NOT MEMBERS OF JULIE AND THEREFORE DO NOT RESPOND TO JULIE LOCATE REQUESTS. THESE UTILITIES MUST BE CONTACTED DIRECTLY.
19. NO GRADING IS TO COMMENCE UNTIL APPROPRIATE STORM WATER POLLUTION PROTECTION MEASURES ARE IN PLACE. STANDARD EROSION CONTROL DETAILS ARE INCLUDED IN THE PLAN SET. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT THE FINAL GRADING WILL RESULT IN POSITIVE DRAINAGE.
20. THE CONTRACTOR SHALL AT ALL TIMES DURING CONSTRUCTION PROVIDE AND MAINTAIN AMPLE MEANS AND DEVICES FOR THE TEMPORARY DIVERSION OF FLOW IN EXISTING SEWERS AND DRAINS AND THE PROMPT REMOVAL AND PROPER DISPOSAL OF ALL WATER OR SEWAGE ENTERING THE TRENCHES OR OTHER PARTS OF THE WORK, AND SHALL KEEP SAID EXCAVATIONS AS DRY AS PRACTICABLE UNTIL THE STRUCTURES TO BE BUILT THEREIN ARE COMPLETED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF VARIOUS WORK ITEMS IN THE CONTRACT.
21. THE LOCATIONS AND ELEVATIONS OF EXISTING SEWERS AND SEWER STRUCTURES SHOWN ON THE PLANS AND PROFILES HAVE BEEN OBTAINED FROM SURVEY AND ATLASES AND THE INFORMATION IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING AND PROTECTING ALL UTILITIES AND STRUCTURES.

SOIL EROSION AND SEDIMENTATION CONTROL

22. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL FOLLOW THE GENERAL NOTES ON THE PLANS AND THE REQUIREMENTS OF THE ILLINOIS URBAN MANUAL, 2002 EDITION.
23. THE NOTICE OF INTENT (NOI) AND NPDES PERMIT SHALL BE OBTAINED PRIOR TO ANY EARTH MOVING ACTIVITIES.
24. EROSION CONTROL MEASURES AS INDICATED IN THE EROSION CONTROL PLAN, OR AS DIRECTED BY THE ENGINEER SHALL BE INSTALLED ON THE SITE PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS. EROSION CONTROL DEVICES SHALL BE IN PLACE AND APPROVED BY THE ENGINEER AS TO PROPER PLACEMENT AND INSTALLATION PRIOR TO BEGINNING OTHER WORK. EROSION CONTROL PROTECTION FOR CONTRACTOR BORROW PITS, EQUIPMENT STORAGE SITES, PLANT SITES, HAUL ROADS, AND OTHER SITES SHALL BE INSTALLED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES.
25. THE CONTRACTOR SHALL APPLY POTABLE WATER DURING THE CONSTRUCTION FOR THE PURPOSE OF ALLEVIATION OR PREVENTION OF DUST NUISANCE AND IS NOT INTENDED FOR USE IN THE COMPACTION OF EARTH EMBANKMENTS, AS SPECIFIED UNDER ARTICLE 205.06 OF THE IDOT STANDARD SPECIFICATIONS. WATER FOR LAYING DUST SHALL BE APPLIED ONLY WHEN DIRECTED BY THE ENGINEER, IN A MANNER MEETING HIS/HER APPROVAL, AND ONLY BY MEANS OF PRESSURE -TYPE DISTRIBUTORS OF PIPE LINES EQUIPPED WITH A SPRAY SYSTEM OR HOSES WITH NOZZLES THAT WILL ENSURE A UNIFORM APPLICATION OF WATER.
26. ALL EQUIPMENT USED FOR THIS WORK SHALL MEET WITH THE ENGINEER'S APPROVAL AND SHALL BE EQUIPPED WITH ADEQUATE MEASURING DEVICES FOR METERING THE EXACT AMOUNT OF WATER DISCHARGED. ALL WATER USED SHALL BE PROPERLY DOCUMENTED BY TICKET OR OTHER APPROVED MEANS.
27. IN CASE OF REPEATED FAILURE ON THE PART OF THE CONTRACTOR TO TAKE STEPS PRESCRIBED BY THE ENGINEER TO CONTROL EROSION, THE ENGINEER RESERVES THE RIGHT TO EMPLOY OUTSIDE ASSISTANCE OR TO USE HIS/HER OWN FORCES TO PROVIDE THE NECESSARY CORRECTIVE MEASURES, AT CONTRACTOR EXPENSE.
28. THE TEMPORARY EROSION CONTROL SYSTEMS INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY MAINTAINED AS DIRECTED BY THE ENGINEER TO CONTROL SILTATION AT ALL TIMES DURING THE LIFE OF THE CONTRACT. THIS WORK SHALL INCLUDE OPERATION OF THE VARIOUS SYSTEMS, REMOVAL OF TRAPPED SEDIMENT AND CLEANING OF ANY SILT FABRIC.
29. ACCUMULATED SILT IN SEDIMENT BASINS SHALL BE REMOVED AT ANY TIME THE BASIN BECOMES 75% (PERCENT) FILLED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE EROSION CONTROL ITEMS IN THE CONTRACT.

30. THE EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR ON A WEEKLY BASIS, AND AFTER ANY RAINFALL GREATER THAN 0.5 INCHES.
31. ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS WILL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.
32. ALL TRUCKS LEAVING THE SITE SHALL BE LOADED IN A MANNER THAT WILL PREVENT THE DROPPING OF MATERIALS ON THE STREETS AND, WHEN NECESSARY, SHALL HAVE SUITABLE TARPULINS FASTENED OVER THE LOAD BEFORE THEY ENTER SURROUNDING PAVED STREETS. TRUCKS BRINGING MATERIAL OVER PAVED STREETS TO THE SITE SHALL BE SIMILARLY LOADED AND COVERED AS NEEDED.
33. THE CONTRACTOR SHALL MAINTAIN ADJACENT STREETS CONTINUOUSLY FREE OF DIRT AND DEBRIS RESULTING FROM HIS OPERATIONS, AND MUST PROVIDE STREET CLEANING AS NECESSARY OR AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
34. ALL SURPLUS OR REJECTED MATERIAL, REFUSE, TOOLS, AND DEBRIS THAT MAY ACCUMULATE ON THE PREMISES DURING THE CONSTRUCTION PERIOD SHALL BE REMOVED FROM TIME TO TIME, AND ON COMPLETION OF WORK, ALL DEBRIS SHALL BE REMOVED AND THE PREMISES THOROUGHLY BRUSH CLEANED.

UTILITY CONTACTS

COMED

MIKE LENOX (1-815-490-2869)
PROJECT ENGINEER (PUBLIC RELOCATION)
123 ENERGY AVENUE
ROCKFORD, IL 6109-1099

NICOR GAS

CONSTANCE LANE (1-630-388-3830)
ENGINEERING ADMINISTRATOR
1844 FERRY ROAD
NAPERVILLE, IL 60563-9600

CITY OF ROCKFORD - WATER

JEFF ROSTAMO (1-815-961-3764)
OPERATIONS SUPERVISOR
523 S. CENTRAL AVE.
ROCKFORD, IL 6102

ROCK RIVER WATER RECLAMATION DISTRICT

DANA CARROLL (1-815-387-7660)
ENGINEERING MANAGER
3501 KISHWAUKEE STREET
P.O. BOX 7480
ROCKFORD, IL 6109

AT&T DISTRIBUTION

DAVID ST-GERMAIN (1-815-394-7297)
LEGAL MANDATE ENGINEER
2408 8TH AVENUE
ROCKFORD, IL 61018

AT&T TRANSMISSION

CARL DONAHUE (1-847-420-9115)
866 ROCK CREEK ROAD
PLANO, IL 60545

IDOT STANDARD DRAWING LIST

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMALS OF AN INCH AND OF A FOOT
2800001-05	TEMPORARY EROSION CONTROL SYSTEMS
420701-02	PAVEMENT FABRIC
424001-05	CURB RAMPS FOR SIDEWALKS
442101-07	CLASS B PATCHES
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-02	INLET - TYPE A
602401-02	MANHOLE TYPE A
602406-03	MANHOLE TYPE A 6' (1.8 m) DIAMETER
602411-01	MANHOLE TYPE A 7' (2.1 m) DIAMETER
604001-03	FRAME AND LIDS TYPE I
604026-02	FRAME AND GRATE TYPE 6
604046-02	FRAME AND GRATE TYPE 10
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201-02	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
606401-01	PAVED DITCH
630001-08	STEEL PLATE BEAM GUARDRAIL
631006-07	TRAFFIC BARRIER TERMINAL, TYPE 1B
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
664001-02	CHAIN LINK FENCE
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-03	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS

BURLINGTON NORTHERN SANTA FE STANDARD DRAWING LIST

2257	PRECAST CONCRETE CROSSING SHUNT RESISTANT STEEL CLAD FOR WOOD & CONCRETE TIE TRACK
2257	CONCRETE CROSSING END RAMP & RESRAINT SYSTEM FOR WOOD TIE TRACK ONLY

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PLOT DATE = 04/30/10	DATE - 04/30/10	REVISED -

**ROCKFORD JUNCTION
RAILROAD CONSOLIDATION IMPROVEMENTS
ROCKFORD ILLINOIS**

GENERAL NOTES

SCALE: N.T.S. SHEET NO: g1001 OF SHEETS



COUNTY	TOTAL SHEETS	SHEET NO.
WINNEBAGO	51	2
CONTRACT NO.		

PROVISION	PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
*	20200100	EARTH EXCAVATION	CU YD	13,383
*	20800150	TRENCH BACKFILL	CU YD	184
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	5,749
*	21300010	EXPLORATION TRENCH, SPECIAL	FOOT	30
BDE	25000210	SEEDING, CLASS 2A	ACRE	0.1
BDE	25000300	SEEDING, CLASS 3	ACRE	1
	25100105	MULCH, METHOD 1	ACRE	0.4
	25100630	EROSION CONTROL BLANKET	SQ YD	3,523
*	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	150
BDE	28000310	AGGREGATE DITCH CHECKS	EACH	3
*	28000400	PERIMETER EROSION BARRIER	FOOT	1,643
	28000500	INLET AND PIPE PROTECTION	EACH	8
	31101810	SUB-BASE GRANULAR MATERIAL, TYPE B 12" (SUBBALLAST)	SQ YD	4,723
*	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	225
*	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	260
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	79
	40600990	TEMPORARY RAMP	SQ YD	102
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TONS	416
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50	TONS	251
	42001200	PAVEMENT FABRIC	SQ YD	53
	42001300	PROTECTIVE COAT	SQ YD	105
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	87
	42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH	SQ FT	2,027
	42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH	SQ FT	1,260
*	42400800	DETECTABLE WARNINGS	SQ FT	36
	44000100	PAVEMENT REMOVAL	SQ YD	2,023
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	476
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	74
	44000600	SIDEWALK REMOVAL	SQ FT	1,724
BDE	44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	53
	44201294	CLASS B PATCH - EXPANSION JOINTS	FOOT	10
	44213200	SAW CUTS	FOOT	660
	48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	223
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2
*	542ST112	PIPE CULVERTS, SMOOTH STEEL 12"	FOOT	39
*	542ST118	PIPE CULVERTS, SMOOTH STEEL 18"	FOOT	135

PROVISION	PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
*	542ST130	PIPE CULVERTS, SMOOTH STEEL 30"	FOOT	50
*	542ST136	PIPE CULVERTS, SMOOTH STEEL 36"	FOOT	5
*	55038200	STORM SEWERS TO BE CLEANED 24"	FOOT	257
*	55038400	STORM SEWERS TO BE CLEANED 30"	FOOT	15
*	55038600	STORM SEWERS TO BE CLEANED 36"	FOOT	37
*	55038700	STORM SEWERS TO BE CLEANED 42"	FOOT	40
	550CP112	STORM SEWERS, RCCP, CLASS IV, TYPE 1 12"	FOOT	81
	550CP124	STORM SEWERS, RCCP, CLASS IV, TYPE 1 24"	FOOT	349
	550CP130	STORM SEWERS, RCCP, CLASS IV, TYPE 1 30"	FOOT	170
*	550XX250	MISSION COUPLING, 36" (CIP - STEEL)	EACH	1
*	552ST018	PIPE CULVERTS, SMOOTH STEEL 18" (JACKED)	FOOT	40
**	60109530	PIPE UNDERDRAINS, FABRIC LINED TRENCH 8"	FOOT	238
GBSP	60109584	PIPE UNDERDRAINS FOR STRUCTURES 8"	FOOT	897
*	60220230	MANHOLE, TYPE A, 4'-DIAMETER, SPECIAL FRAME AND GRATE	EACH	1
	60221600	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 6 FRAME AND GRATE	EACH	1
	60221900	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	3
*	60224090	MANHOLES, TYPE A, 6'-DIAMETER, SPECIAL FRAME AND GRATE	EACH	2
	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
*	60224461	MANHOLES, TYPE A, 7'-DIAMETER, SPECIAL FRAME AND GRATE	EACH	1
*	60238700	INLETS, TYPE A, SPECIAL FRAME AND GRATE	EACH	3
	60255500	MANHOLES TO BE ADJUSTED	EACH	1
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1
	60602800	CONCRETE GUTTER, TYPE B	FOOT	417
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	200
	60609800	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18	FOOT	116
	61100605	MISCELLANEOUS CONCRETE	CU YD	1
**	63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	400
	63100041	TRAFFIC BARRIER TERMINAL, TYPE 1B	EACH	1
	66400105	CHAIN LINK FENCE, 4'	FOOT	200
	66400505	CHAIN LINK FENCE, 8'	FOOT	143
*	66410300	CHAIN LINK FENCE REMOVAL	FOOT	151
BDE	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4
	67100100	MOBILIZATION	L SUM	1
*	70101700	TRAFFIC CONTROL AND PROTECTION	LSUM	1
BDE	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	50
BDE	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	78

NOTES:

- * INDICATES SPECIAL PROVISION
- ** INDICATES IDOT RECURRING SPECIAL PROVISION
- BDE INDICATES IDOT BDE SPECIAL PROVISION
- GBSP INDICATES IDOT GUIDE BRIDGE SPECIAL PROVISION

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PLOT DATE = 04/30/10	DATE - 04/30/10	REVISED -

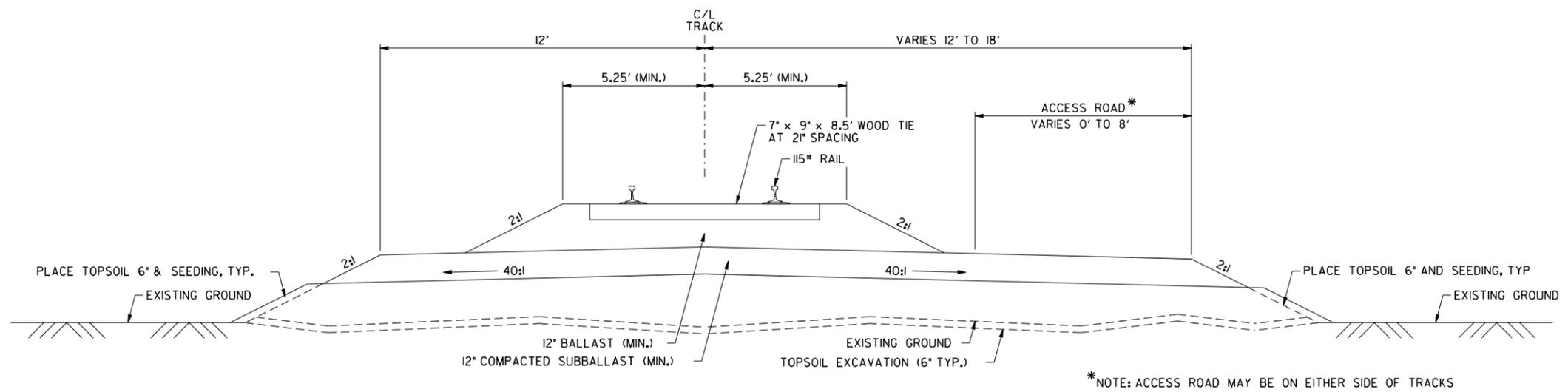
**ROCKFORD RAIL CONSOLIDATION PROJECT
ROCKFORD ILLINOIS**

SUMMARY OF QUANTITIES

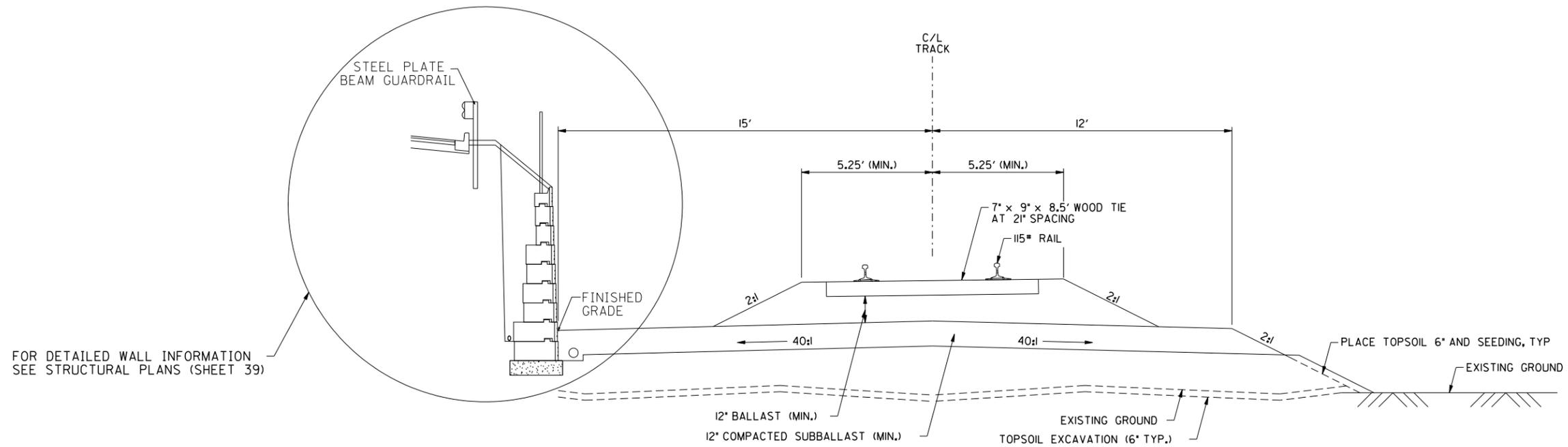
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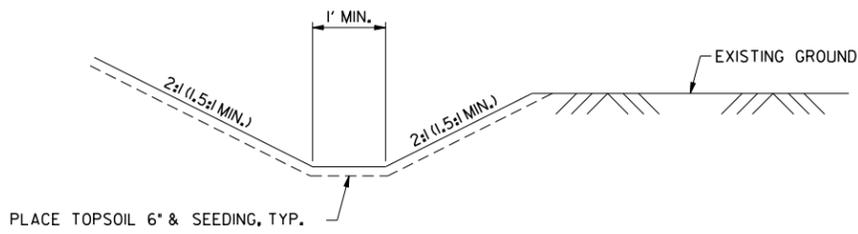
COUNTY	TOTAL SHEETS	SHEET NO.
WINNEBAGO	51	3
CONTRACT NO.		



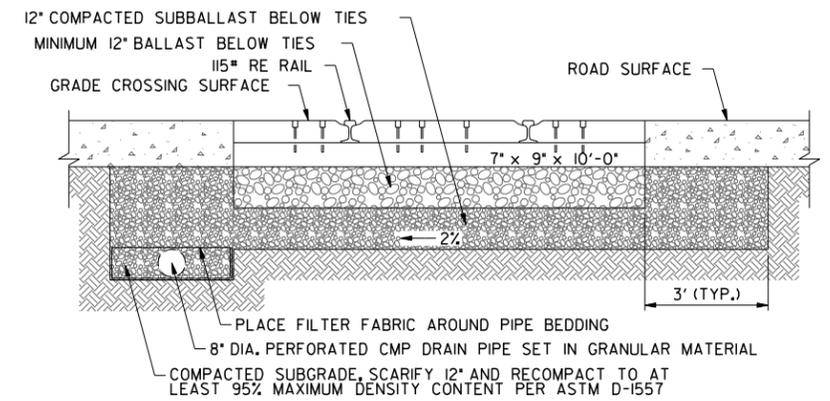
TYPICAL TRACK SECTION
ILLINOIS RAILWAY SOUTHWEST WYE, & ILLINOIS RAILWAY NORTHEAST WYE



TYPICAL SECTION AT RETAINING WALL
ILLINOIS RAILWAY SOUTHWEST WYE



DITCH TYPICAL SECTION
SEE GRADING & DRAINAGE PLANS



SECTION AT ROAD CROSSING
BUCKBEE STREET

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PLOT SCALE = 100.0000 sf / IN.	DRAWN - TEG	REVISED -
PLOT DATE = 04/30/10	CHECKED - RDC	REVISED -
	DATE - 04/30/10	REVISED -

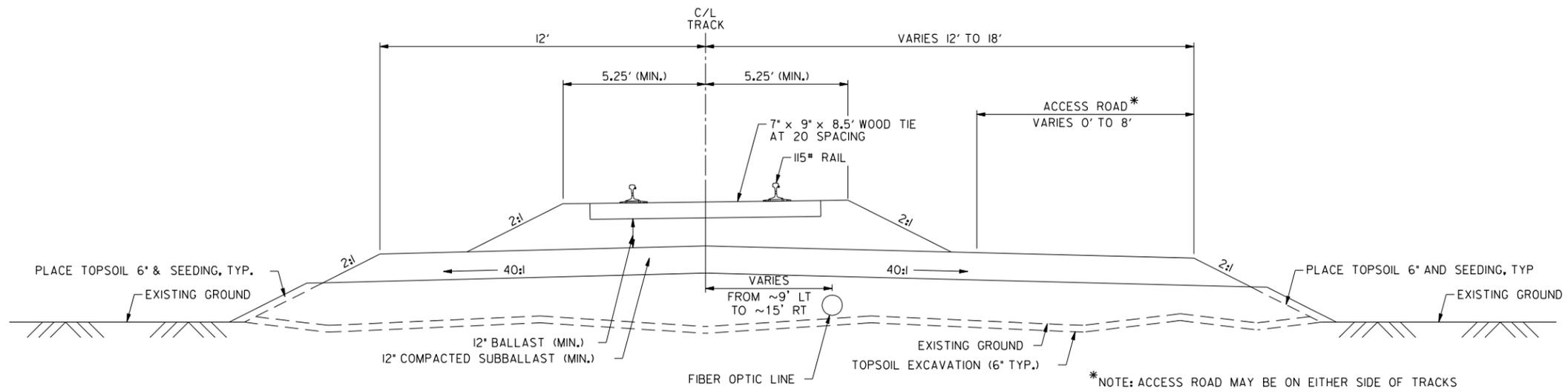
ROCKFORD JUNCTION
RAILROAD CONSOLIDATION IMPROVEMENTS
ROCKFORD ILLINOIS

TYPICAL SECTIONS ILLINOIS RAILWAY

SCALE: N.T.S. SHEET NO: gi3010F SHEETS



COUNTY	TOTAL SHEETS	SHEET NO.
WINNEBAGO	51	4
CONTRACT NO.		



TYPICAL TRACK SECTION
CC&P MAIN

g:\ch10\0032\vol1\Sheets\g1302.dgn



USER NAME = tegoske11	DESIGNED - TEG	REVISED -
	DRAWN - TEG	REVISED -
PLOT SCALE = 100.0000 sf / IN.	CHECKED - RDC	REVISED -
PLOT DATE = 4/30/2010	DATE - 4-30-10	REVISED -

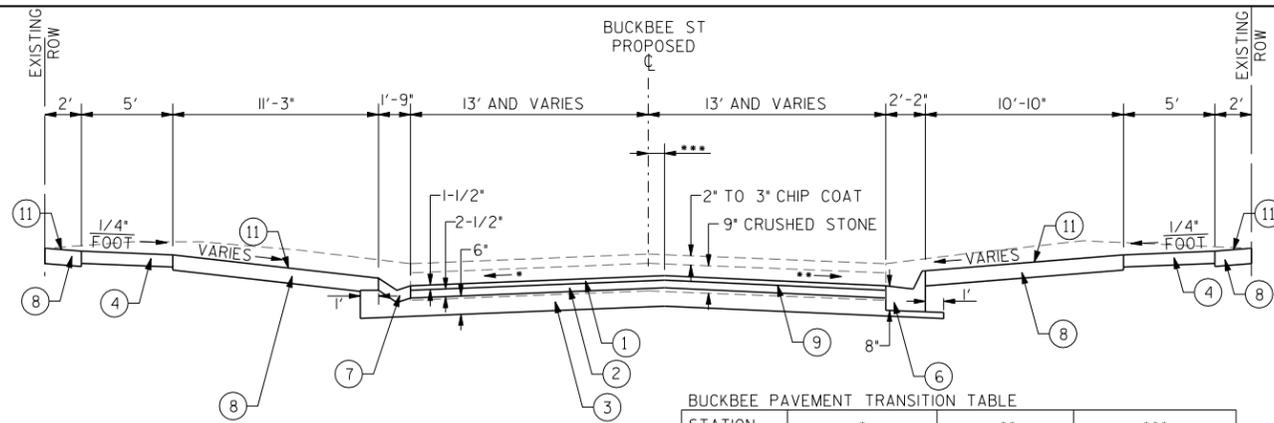
**ROCKFORD RAIL CONSOLIDATION PROJECT
ROCKFORD ILLINOIS**

TYPICAL SECTION ILLINOIS RAILWAY

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS



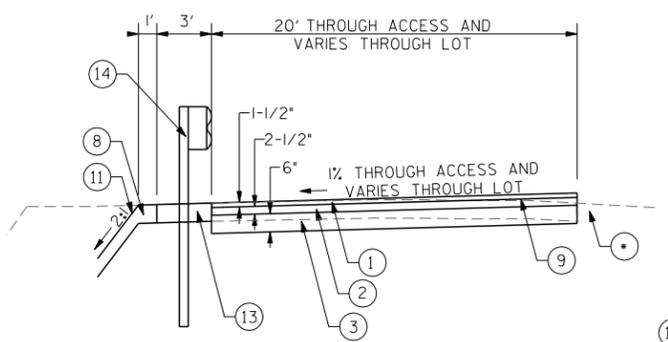
COUNTY	TOTAL SHEETS	SHEET NO.
WINNEBAGO	51	5
CONTRACT NO.		



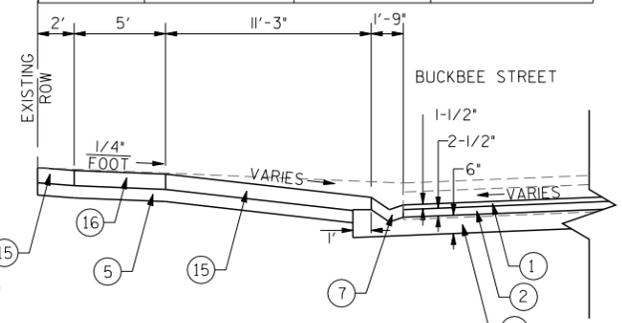
BUCKBEE STREET ROADWAY SECTION
 STA. 1+80 TO STA. 5+52
 (SEE SHEET 22 FOR BUCKBEE STREET PLAN)
 (SEE SHEET 37 FOR BUCKBEE STREET REMOVALS)

BUCKBEE PAVEMENT TRANSITION TABLE

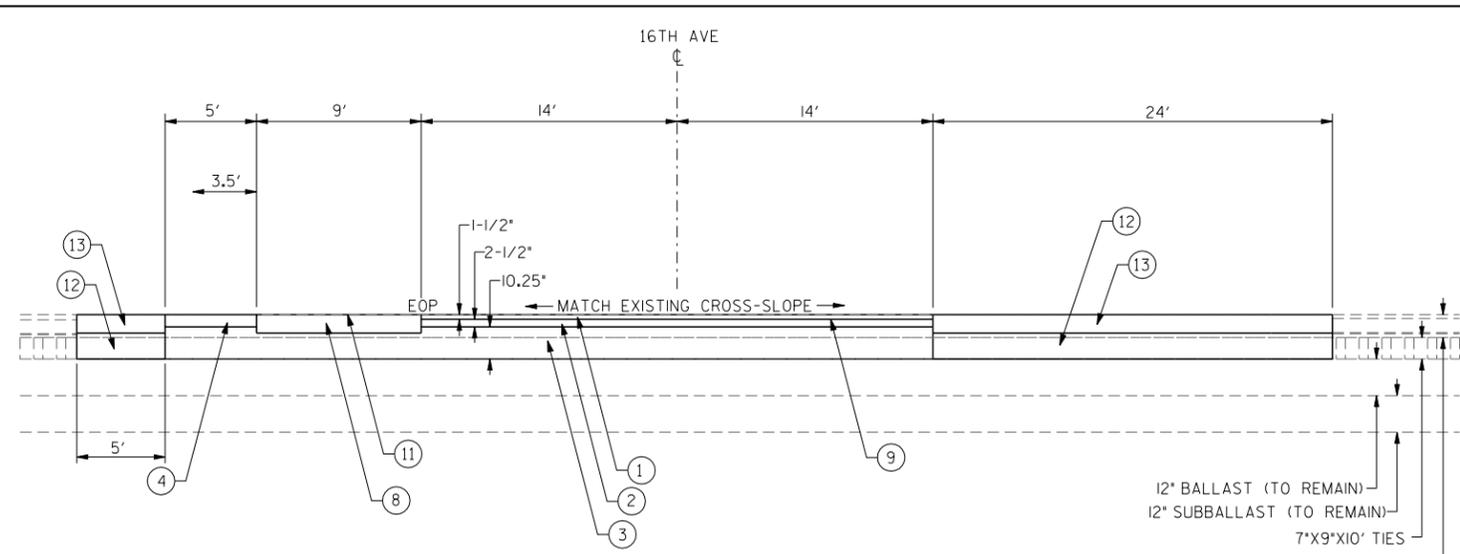
STATION	*	**	***
1+87.93	MATCH EX.	MATCH EX.	0'
2+00	-2%	-2%	0'
2+50	-2%	-2%	0'
3+00	-2%	+1%	0'
3+15	-1.2%	+1.2%	0'
3+50	-2%	-2%	0'
4+00	-2%	-2%	0'
4+50	-2%	-2%	0'
5+00	-3.5%	-2%	0'
5+50	-5%	-2.5%	5.75' RT
5+52.14	MATCH EX.	MATCH EX.	6' RT



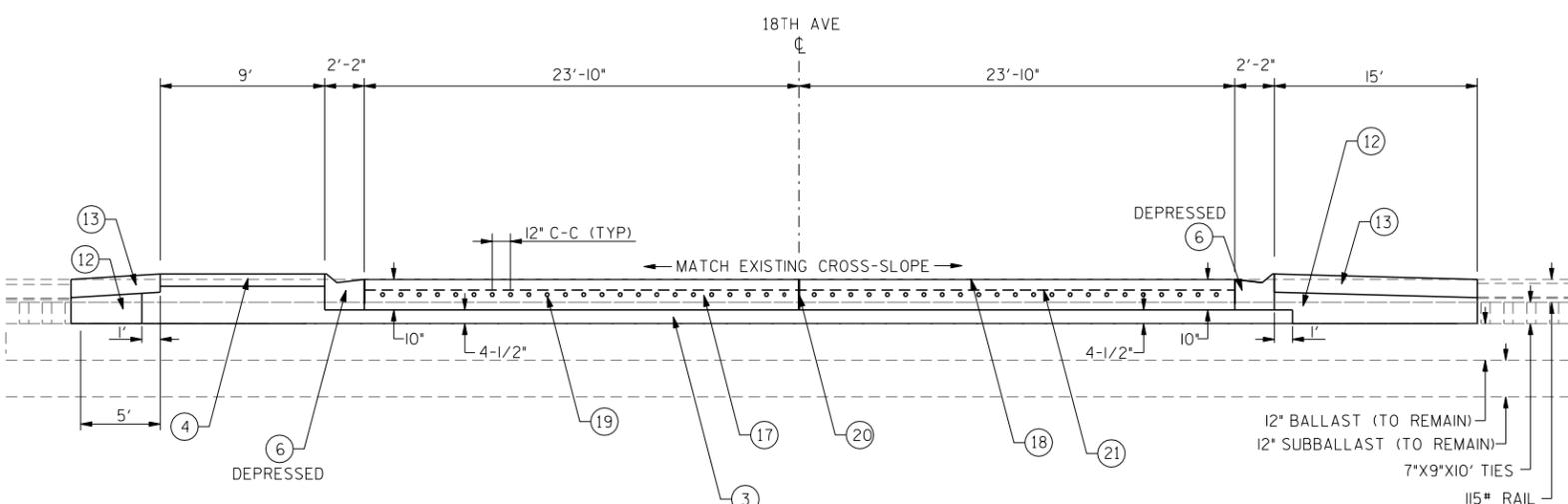
BEAVERMATIC LOT/ACCESS ROAD TYPICAL SECTION
 (SEE SHEET 23 FOR BEAVERMATIC LOT PLAN)
 (SEE SHEET 38 FOR BEAVERMATIC LOT REMOVALS)
 * EXISTING PAVEMENT STRUCTURE IS 2" OF HMA OVER 6" OF GRAVEL IN PARKING LOT AND 6" OF GRAVEL IN ACCESS ROAD.



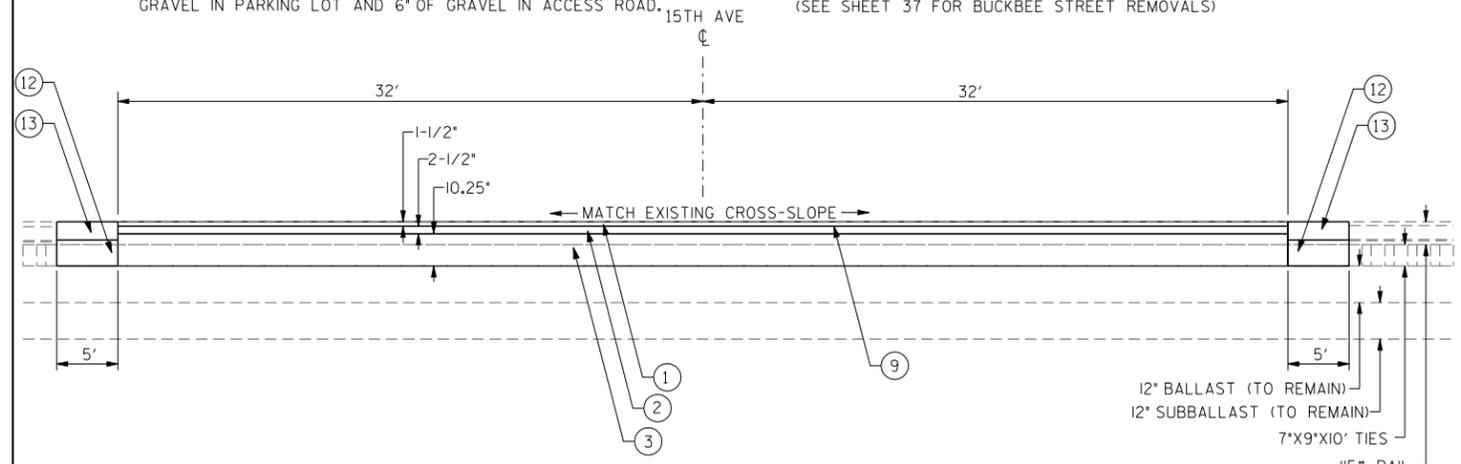
COMMERCIAL ENTRANCE DETAIL
 (SEE SHEET 22 FOR BUCKBEE STREET PLAN)
 (SEE SHEET 37 FOR BUCKBEE STREET REMOVALS)



16TH AVENUE ROADWAY SECTION
 (SEE SHEET 23 FOR 16TH AVENUE PLAN)
 (SEE SHEET 38 FOR 16TH AVENUE REMOVALS)



18TH AVENUE ROADWAY SECTION
 (SEE SHEET 23 FOR 18TH AVENUE PLAN)
 (SEE SHEET 38 FOR 18TH AVENUE REMOVALS)



15TH AVENUE ROADWAY SECTION
 (SEE SHEET 23 FOR 15TH AVENUE PLAN)
 (SEE SHEET 38 FOR 15TH AVENUE REMOVALS)

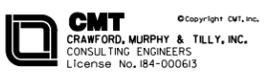
PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (40603335)
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (40603080)
- ③ AGGREGATE SUBGRADE (XZ191305)
- ④ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (42400100)
- ⑤ AGGREGATE BASE COURSE, TYPE B 4" (35101600)
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18 (60609800)
- ⑦ CONCRETE GUTTER TYPE B (60602800)
- ⑧ TOPSOIL FURNISH AND PLACE, 6" (21101625)
- ⑨ BITUMINOUS MATERIALS (PRIME COAT) (40600100)
- ⑩ (NOT USED)
- ⑪ SEEDING, CLASS 2A (25000210)
- ⑫ EARTH FILL - USE EXCESS MATERIAL FROM EARTH EXCAVATION PAY ITEM (20200100)
- ⑬ AGGREGATE SHOULDERS, TYPE A 6" (48100500)
- ⑭ STEEL PLATE BEAM GUARD RAIL, TYPE A (63000000)
- ⑮ PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (42300200)
- ⑯ PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (42400300)
- ⑰ CLASS B PATCHES, TYPE IV, 10 INCH (44200976)
- ⑱ PROTECTIVE COAT (42001300)
- ⑲ DOWEL BARS 1 1/2" (Z0017202)
- ⑳ CLASS B PATCH - EXPANSION JOINT (44201294)
- ㉑ PAVEMENT FABRIC (42001200)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS	MAX RAP %	LIFT THICKNESS	UNIT WEIGHT (LBS/SQ YD/IN)
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	PG 64-22	4% @ 50 GYR.	15	1-1/2"	112
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	PG 64-22/58-22	4% @ 50 GYR.	25	2-1/2"	112

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USER NAME = Jeff Sedg	DESIGNED - SJP	REVISED -
PLOT SCALE = 100.0000' / IN.	DRAWN - JMS	REVISED -
PLOT DATE = 04/30/10	CHECKED - SPH & RJK	REVISED -
	DATE - 04/30/10	REVISED -

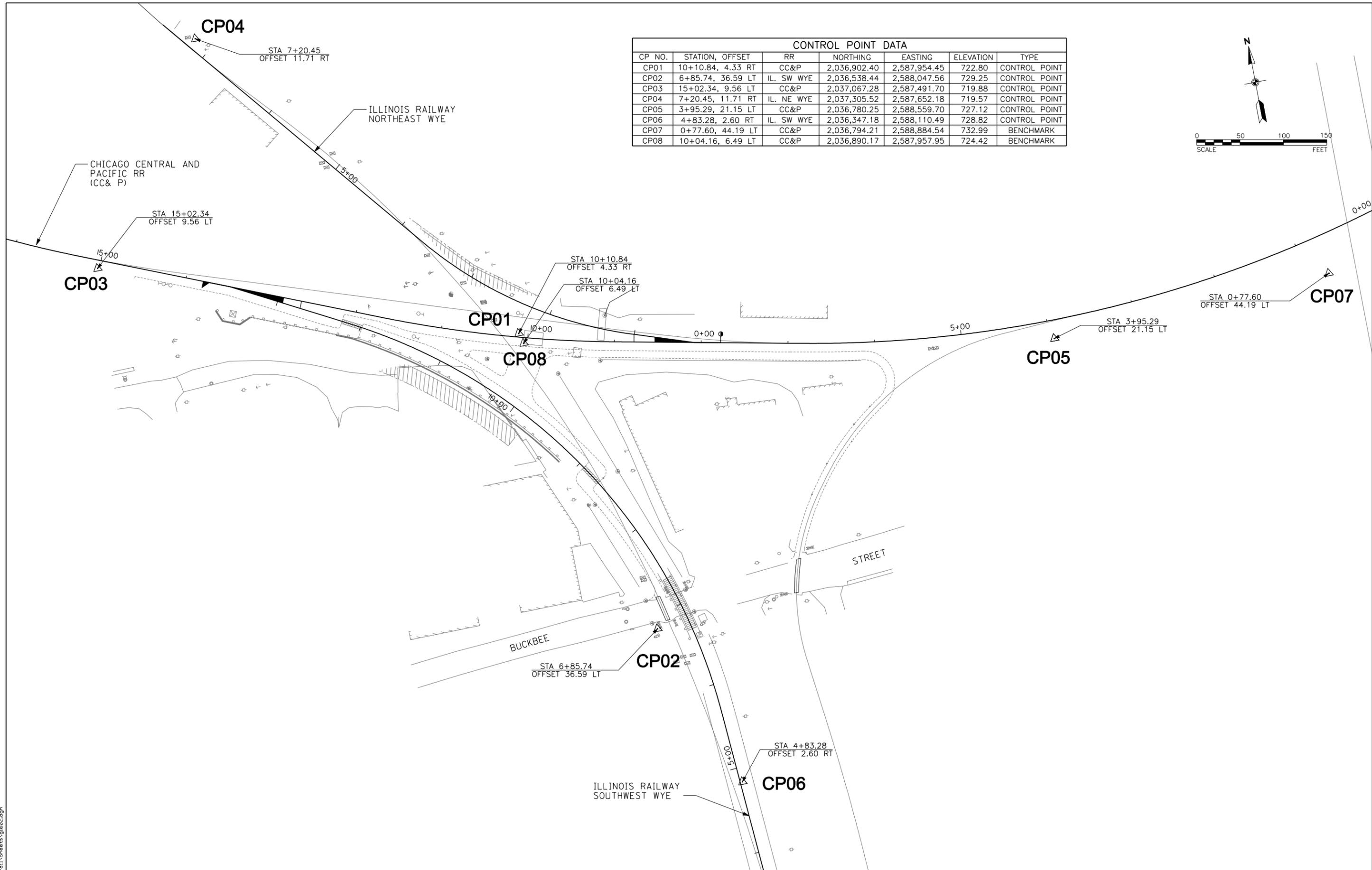
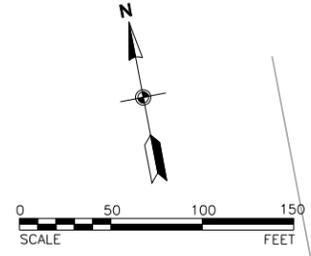
ROCKFORD RAIL CONSOLIDATION PROJECT
ROCKFORD ILLINOIS

TYPICAL SECTIONS	
SCALE: N.T.S.	SHEET NO. 3 OF 3 SHEETS
STA.	TO STA.



COUNTY	TOTAL SHEETS	SHEET NO.
WINNEBAGO	51	6
CONTRACT NO.		

CONTROL POINT DATA						
CP NO.	STATION, OFFSET	RR	NORTHING	EASTING	ELEVATION	TYPE
CP01	10+10.84, 4.33 RT	CC&P	2,036,902.40	2,587,954.45	722.80	CONTROL POINT
CP02	6+85.74, 36.59 LT	IL. SW WYE	2,036,538.44	2,588,047.56	729.25	CONTROL POINT
CP03	15+02.34, 9.56 LT	CC&P	2,037,067.28	2,587,491.70	719.88	CONTROL POINT
CP04	7+20.45, 11.71 RT	IL. NE WYE	2,037,305.52	2,587,652.18	719.57	CONTROL POINT
CP05	3+95.29, 21.15 LT	CC&P	2,036,780.25	2,588,559.70	727.12	CONTROL POINT
CP06	4+83.28, 2.60 RT	IL. SW WYE	2,036,347.18	2,588,110.49	728.82	CONTROL POINT
CP07	0+77.60, 44.19 LT	CC&P	2,036,794.21	2,588,884.54	732.99	BENCHMARK
CP08	10+04.16, 6.49 LT	CC&P	2,036,890.17	2,587,957.95	724.42	BENCHMARK



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USER NAME = tegoskell	DESIGNED - TEG	REVISED -
DRAWN - TEG	REVISED -	
PLOT SCALE = 100.00 sf / IN.	CHECKED - RDC	REVISED -
PLOT DATE = 4/30/2010	DATE - 4-30-10	REVISED -

**ROCKFORD RAIL CONSOLIDATION PROJECT
ROCKFORD ILLINOIS**

SITE PLAN, CONTROL POINTS, AND KEY PLAN

SCALE: SEE SHEET SHEET NO. 1 OF 1 SHEETS

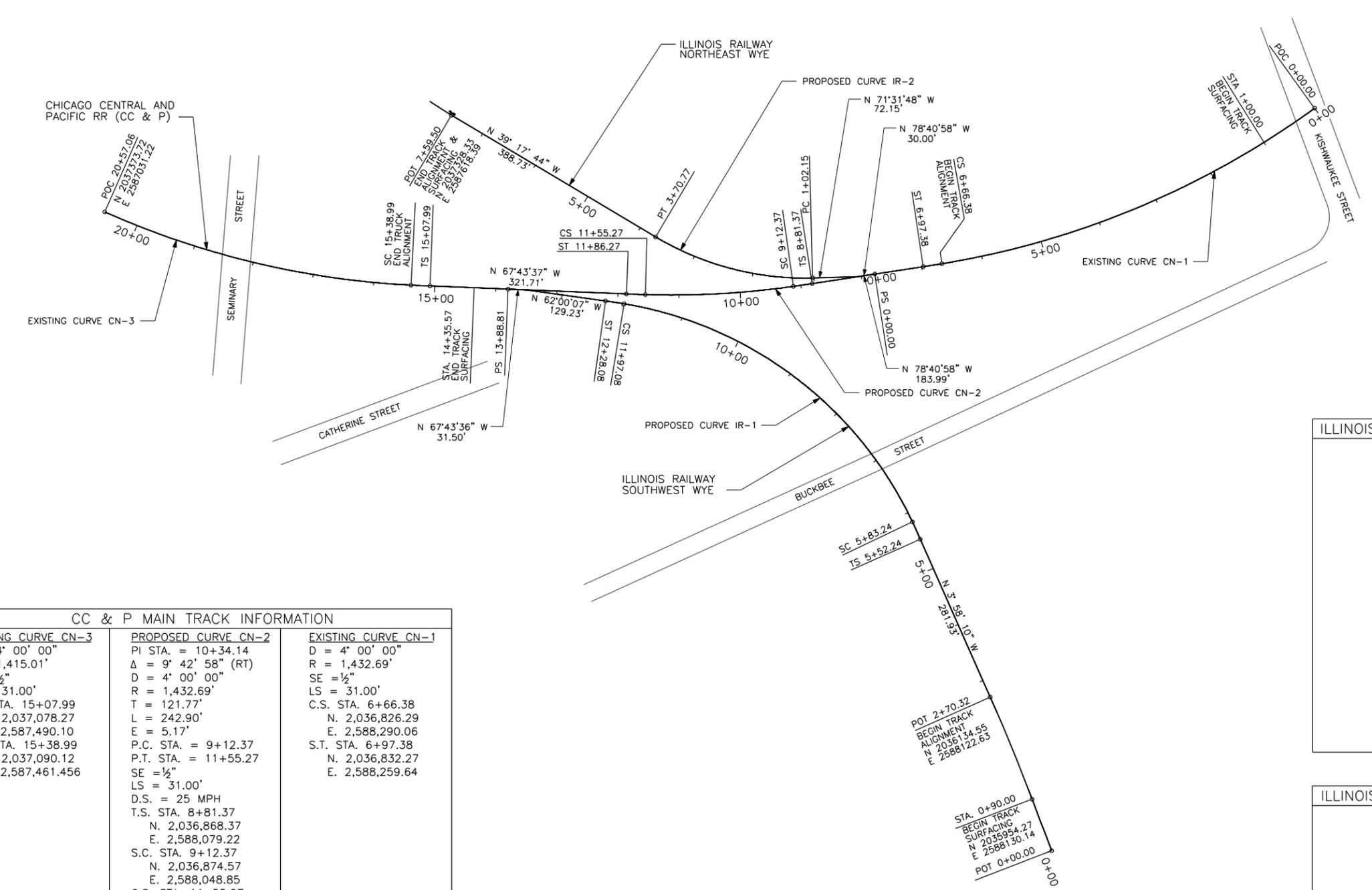


COUNTY	TOTAL SHEETS	SHEET NO.
WINNEBAGO	51	10
CONTRACT NO.		

TURNOUT INFORMATION	
TURNOUT NO. 1	TURNOUT NO. 2
#8 RH HTO	#10 RH POTO
P.S.	P.S.
CN MAIN STA. = 7+77.50	CN MAIN STA. = 13+80.05
IR NE WYE STA. = 0+00.00	IR SW WYE STA. = 13+88.81
N: 2,036,847.99	N: 2,037,029.78
E: 2,588,181.07	E: 2,587,608.49



- NOTES:
1. ALL STATIONS SHOWN ARE FOR THE PROPOSED TRACK ALIGNMENTS.
 2. ALL CURVE COMPUTATIONS ARE BASED ON CHORD DEFINITION.
 3. DESIGN SPEEDS ARE AS SHOWN. CC & P TRACK (25 MPH), ILL RR SW WYE (20 MPH), ILL RR NE WYE (10 MPH).



CC & P MAIN TRACK INFORMATION		
EXISTING CURVE CN-3	PROPOSED CURVE CN-2	EXISTING CURVE CN-1
D = 4' 00' 00"	PI STA. = 10+34.14	D = 4' 00' 00"
R = 1,415.01'	Δ = 9' 42' 58" (RT)	R = 1,432.69'
SE = 1/2"	D = 4' 00' 00"	SE = 1/2"
LS = 31.00'	R = 1,432.69'	LS = 31.00'
T.S. STA. 15+07.99	T = 121.77'	C.S. STA. 6+66.38
N. 2,037,078.27	L = 242.90'	N. 2,036,826.29
E. 2,587,490.10	E = 5.17'	E. 2,588,290.06
S.C. STA. 15+38.99	P.C. STA. = 9+12.37	S.T. STA. 6+97.38
N. 2,037,090.12	P.T. STA. = 11+55.27	N. 2,036,832.27
E. 2,587,461.456	SE = 1/2"	E. 2,588,259.64
	LS = 31.00'	
	D.S. = 25 MPH	
	T.S. STA. 8+81.37	
	N. 2,036,868.37	
	E. 2,588,079.22	
	S.C. STA. 9+12.37	
	N. 2,036,874.57	
	E. 2,588,048.85	
	C.S. STA. 11+55.27	
	N. 2,036,944.68	
	E. 2,587,816.54	
	S.T. STA. 11+86.27	
	N. 2,036,956.33	
	E. 2,587,787.81	

ILLINOIS RAILWAY SOUTHWEST WYE TRACK INFORMATION	
PROPOSED CURVE IR-1	
PI STA. = 9+16.73	
Δ = 55' 14' 44" (LT)	
D = 9' 00' 00"	
R = 637.27'	
T = 333.48'	
L = 613.84'	
E = 81.98'	
P.C. STA. = 5+83.24	
P.T. STA. = 11+97.08	
SE = 1/2"	
LS = 31.00'	
D.S. = 20 MPH	
T.S. STA. 5+52.24	
N. 2,036,415.81	
E. 2,588,103.12	
S.C. STA. 5+83.24	
N. 2,036,446.71	
E. 2,588,100.72	
C.S. STA. 11+97.08	
N. 2,036,942.40	
E. 2,587,778.99	
S.T. STA. 12+28.08	
N. 2,036,957.17	
E. 2,587,751.74	

ILLINOIS RAILWAY NORTHEAST WYE TRACK INFORMATION	
PROPOSED CURVE IR-2	
PI STA. = 2+40.37	
Δ = 32' 14' 04" (RT)	
D = 12' 00' 00"	
R = 478.34'	
T = 138.22'	
L = 268.62'	
E = 19.57'	
D.S. = 10 MPH	
P.C. STA. = 1+02.15	
P.T. STA. = 7+70.77	
SE = 1/2"	

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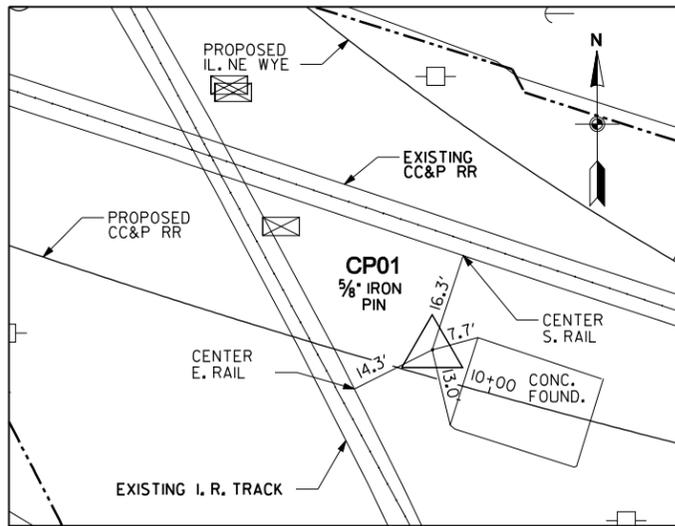
USER NAME = tegoskell	DESIGNED - TEG	REVISED -
	DRAWN - TEG	REVISED -
PLOT SCALE = 200.00 sf / IN.	CHECKED - RDC	REVISED -
PLOT DATE = 4/30/2010	DATE - 4-30-10	REVISED -

ROCKFORD RAIL CONSOLIDATION PROJECT
ROCKFORD ILLINOIS

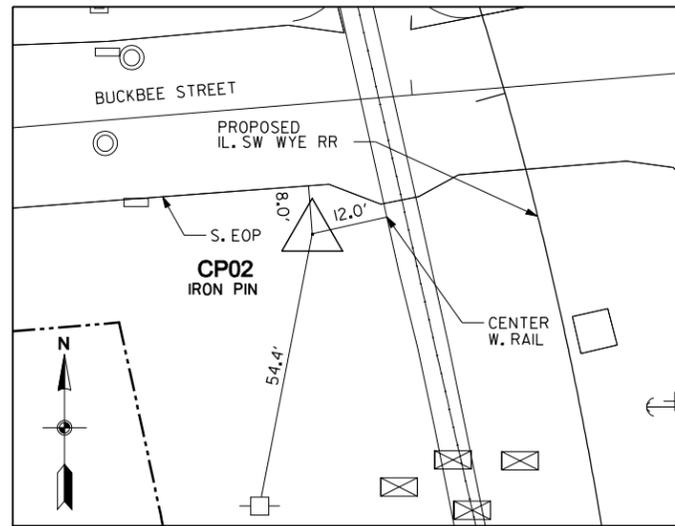
PROPOSED TRACK ALIGNMENT
SCALE: SEE SHEET SHEET NO. 1 OF 2 SHEETS



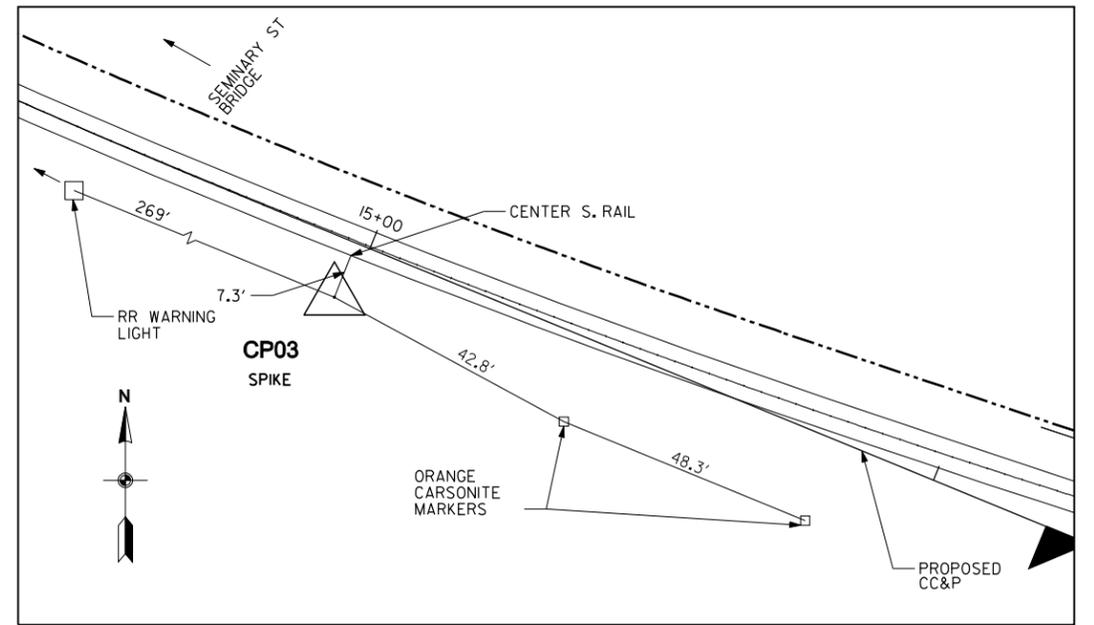
COUNTY	TOTAL SHEETS	SHEET NO.
WINNEBAGO	51	11
CONTRACT NO.		



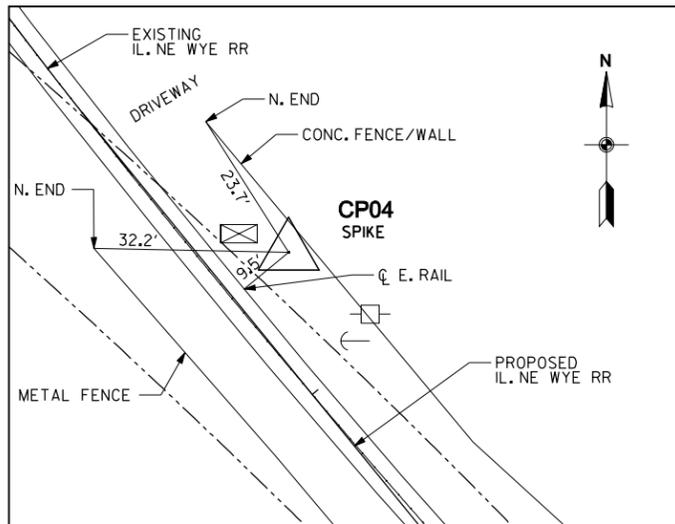
CONTROL POINT CP01



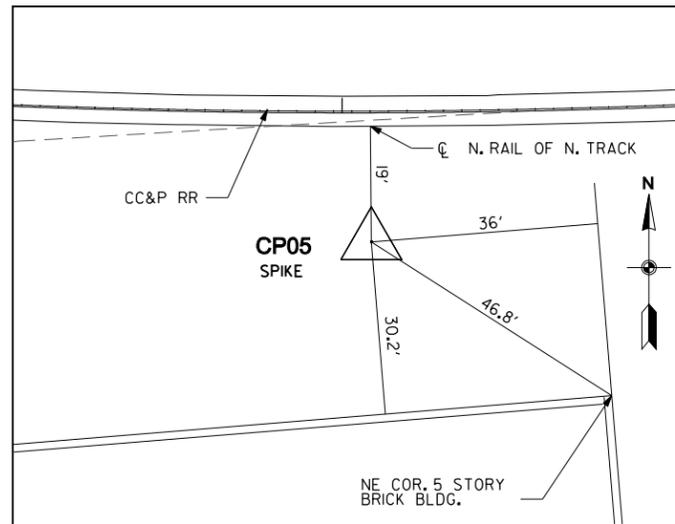
CONTROL POINT CP02



CONTROL POINT CP03

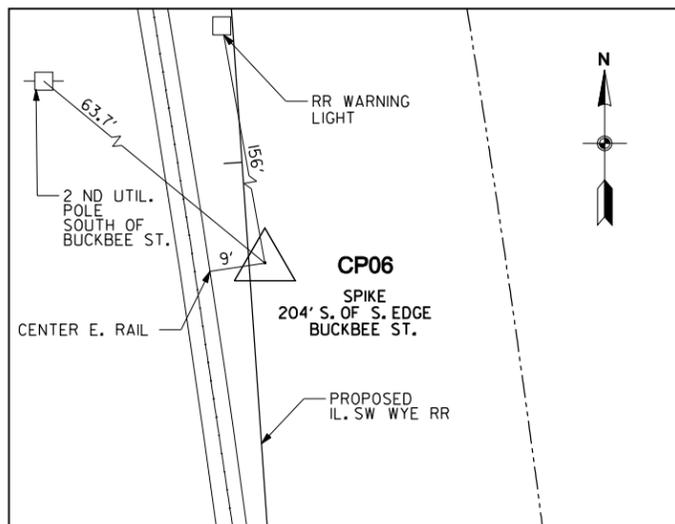


CONTROL POINT CP04

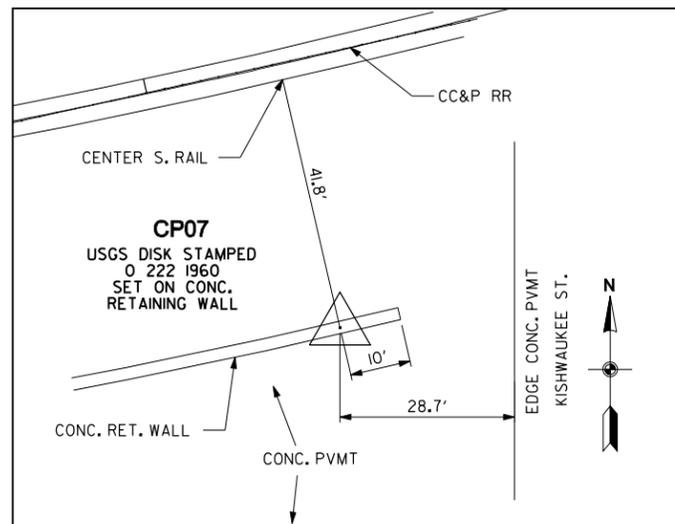


CONTROL POINT CP05

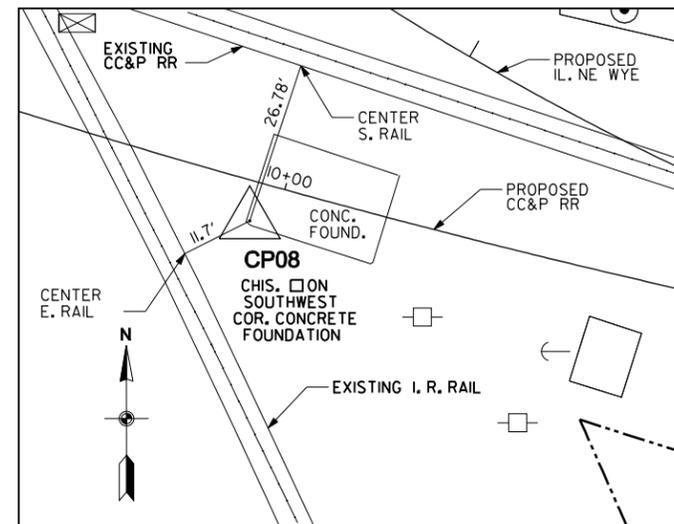
CONTROL POINT DATA						
CP NO.	STATION, OFFSET	RR	NORTHING	EASTING	ELEVATION	TYPE
CP01	10+10.84, 4.33 RT	CC&P	2,036,902.40	2,587,954.45	722.80	CONTROL POINT
CP02	6+85.74, 36.59 LT	IL. SW WYE	2,036,538.44	2,588,047.56	729.25	CONTROL POINT
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CP05	3+95.29, 21.15 LT	CC&P	2,036,780.25	2,588,559.70	727.12	CONTROL POINT
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CP07	0+77.60, 44.19 LT	CC&P	2,036,794.21	2,588,884.54	732.99	BENCHMARK
CP08	10+04.16, 6.49 LT	CC&P	2,036,890.17	2,587,957.95	724.42	BENCHMARK



CONTROL POINT CP06



BENCHMARK CP07



BENCHMARK CP08



USER NAME = tegoskel1	DESIGNED - TEG	REVISED -
PLOT SCALE = 30.00 sf / IN.	DRAWN - TEG	REVISED -
PLOT DATE = 4/30/2010	CHECKED - RDC	REVISED -
	DATE - 4-30-10	REVISED -

ROCKFORD RAIL CONSOLIDATION PROJECT
ROCKFORD ILLINOIS

CONTROL POINT TIES

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS



COUNTY	TOTAL SHEETS	SHEET NO.
WINNEBAGO	51	12
CONTRACT NO.		

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