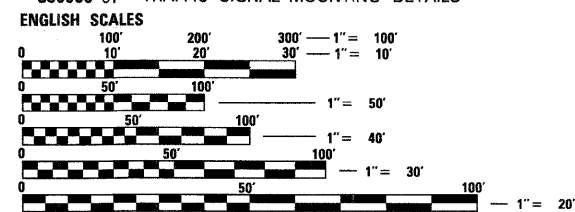


# INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET/INDEX
2-3	GENERAL NOTES
4-7	SUMMARY OF QUANTITIES
8-24	SCHEDULE OF QUANTITIES
25-30	TYPICAL SECTIONS
31-32	ALIGNMENT, TIES AND BENCHMARKS
33-38	MAINTENANCE OF TRAFFIC
39-41	DETOUR PLANS
42-45	REMOVAL PLANS
46-50	UTILITY PLANS
51-59	PLAN AND PROFILE
60-81	DRAINAGE PLANS
82-84	INTERSECTION DETAIL
85-88	PAVEMENT MARKING
89-91	TRAFFIC SIGNAL PLANS
92-93	LIGHTING PLANS
94-98	EROSION AND SEDIMENT CONTROL PLANS
99-103	LANDSCAPING PLANS
104-137	WESLEY ST BRIDGE PLANS
138-164	IPP BRIDGE PLANS
165-213	CROSS SECTIONS
214-232	SOIL BORING PLAN AND LOGS
233-241	BICYCLE RAILING & IDOT DISTRICT 1 DETAILS

## IDOT STANDARDS REFERENCED

NUMBER	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420401-07	BRIDGE APPROACH PAVEMENT
424001-05	CURB RAMPS FOR SIDEWALK
442201-03	CLASS C AND D PATCHES
515001-03	NAME PLATE FOR BRIDGES
601001-03	SUB-SURFACE DRAINS
602001-01	CATCH BASIN, TYPE A
602011-01	CATCH BASIN, TYPE C
602401-02	MANHOLE - TYPE A
602501-01	VALVE VAULT - TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAME AND LIDS, TYPE 1
604006-04	FRAME AND GRATE TYPE 3
604011-04	FRAME AND GRATE TYPE 3V
604036-02	GRATE TYPE 8
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
635001-01	DELINEATORS
664001-02	CHAIN LINK FENCE
666001-01	RIGHT OF WAY MARKERS
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE, 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
704001-05	TEMPORARY CONCRETE BARRIER
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
877001-04	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS



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.

WHEATON PUBLIC WORKS  
1-630-260-2110

J.U.L.I.E.  
(JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION)  
1-800-892-0123 OR 811  
C.U.A.N. (CHICAGO UTILITY ALERT NETWORK)  
1-312-744-7000  
RAILROAD UTILITY CONTACT TELEPHONE NUMBERS  
FIBER OPTICS: 1-800-336-9193  
UTILITIES: CALL ALICE 1-312-496-4738

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

## PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.U. ROUTE 1432 WESLEY STREET  
F.A.U. ROUTE 3549 MANCHESTER ROAD

### PAVEMENT RECONSTRUCTION AND STRUCTURE REPLACEMENT

SECTION: 97-00084-00-BR  
S.N. 022-7204 S.N. 022-3005

PROJECT BRM 7003(539)  
CITY OF WHEATON  
DUPAGE COUNTY  
C-91-531-97

DESIGN DESIGNATION:  
WESLEY STREET  
1275 (20) URBAN COLLECTOR  
MANCHESTER ROAD  
1365 (20) URBAN COLLECTOR

**TRAFFIC DATA**  
MANCHESTER ROAD  
1999 ADT: 11,425  
SPEED LIMIT: 30 MPH  
  
WESLEY STREET  
1996 ADT: 9,605  
SPEED LIMIT: 30 MPH

PROJECT BEGINS  
STA. 11+00.00  
MANCHESTER ROAD

PROJECT LOCATED  
IN CITY OF WHEATON

#### DESCRIPTION OF PROJECT

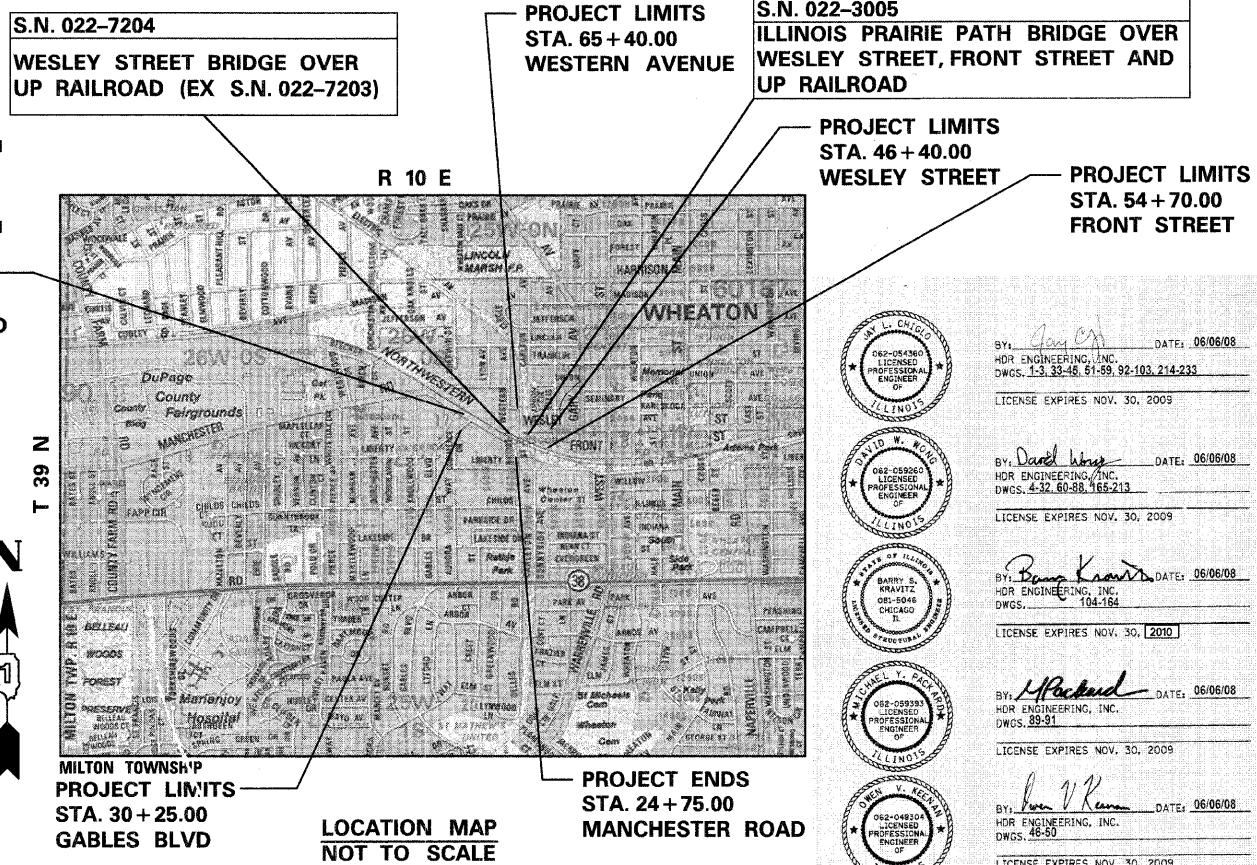
THIS PROJECT CONSISTS OF ROADWAY RECONSTRUCTION, BRIDGE REPLACEMENT, RETAINING WALL CONSTRUCTION, BRIDGE DECK REPLACEMENT AND ALL INCIDENTAL AND COLLATERAL WORK AS NECESSARY TO COMPLETE THE IMPROVEMENT SHOWN HEREIN AND AS DESCRIBED IN THE SPECIAL PROVISIONS.

#### FAU ROUTE 1432 OVER UPRR

STRUCTURE NO. 022-7204 (STA. 40+78.23)  
REMOVE EXISTING SINGLE SPAN STEEL THROUGH TRUSS BRIDGE AND CONSTRUCT SINGLE SPAN DECK PLATE GIRDER BRIDGE ON NEW INTEGRAL ABUTMENTS

#### ILLINOIS PRAIRIE PATH OVER UPRR, FRONT ST. AND FAU ROUTE 1432

STRUCTURE NO. 022-3005 (STA. 12+80.02, STA. 13+80.29, AND STA. 15+23.68 RESPECTIVELY)  
REMOVE EXISTING 3-SPAN WELDED STEEL THROUGH TRUSS APPROACH SPANS AND MAIN SPAN DECK AND CONSTRUCT FOUR NEW PREFABRICATED STEEL THROUGH TRUSS APPROACH SPANS ON NEW CONCRETE PIERS AND ABUTMENTS AND CONSTRUCT MAIN SPAN TIMBER DECK



GROSS AND NET LENGTH OF PROJECT = 1375 FT. = 0.26 MI.

PLAN 1" = 20'  
PROFILE HORIZ. 1" = 20'  
PROFILE VERT. 1" = 5'



Professional Engineer seals and signatures for HDR Engineering, Inc. including David W. Krueger, Barry S. Kravitz, and others.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1432/3549	97-00084-00-BR	DUPAGE	241	1
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 83908



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
APPROVED: *Paul J. Redman*  
CITY OF WHEATON, DIRECTOR OF ENGINEERING

PASSED: *February 26, 2009*  
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS  
RELEASING FOR BID BASED ON LIMITED REVIEW: *February 26, 2009*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FIELD ENGINEER: MARILYN SOLOMON (847) 705-4407  
CONSULTANT SERVICES ENGINEER: JAY CHIGLO (773) 380-7986

GENERAL NOTES

ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY 1996 FIFTH EDITION, THE "DETAILS" IN THE PLANS, AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS...

THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS IN ADVANCE PRIOR TO BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. IN ADDITION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS IN ADVANCE FOR ANY TREE REMOVAL.

THE CONTRACTOR SHALL ENSURE ALL PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK.

THE CONTRACTOR SHALL NOTIFY AS NECESSARY, ALL TESTING AGENCIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION IF THE CONTRACTOR FAILS TO ALLOW PROPER NOTIFICATION TIME RESULTING IN THE TESTING AGENCIES BEING UNABLE TO VISIT THE SITE AND PERFORM THE NECESSARY TESTING...

ADDITIONAL TIME TO COMPLETE THE CONTRACT WILL BE ALLOWED SHOULD THERE BE DELAYS BEYOND THE CONTROL OF THE CONTRACTOR. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

PRIOR TO PLACING HMA ADJACENT TO EXISTING PAVEMENT TO REMAIN, THE EXPOSED EDGE SHALL BE CLEANED OF LOOSE MATERIAL TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE HMA BEING PLACED.

REMOVAL OF EXISTING COMBINATION CURB AND GUTTER SHALL BE PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL" REGARDLESS OF THE CURB AND GUTTER TYPE.

DEPRESSED CURB WILL BE PLACED THROUGH ALL COMMERCIAL AND RESIDENTIAL DRIVEWAY ENTRANCES AND IN FRONT OF CURB RAMPS OR AS DIRECTED BY THE ENGINEER. DEPRESSED CURB WILL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

ALL CURB AND GUTTER INCLUDING DEPRESSED CURB, CURB AROUND DRIVEWAY RETURNS AND CURB TRANSITIONS WILL BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12"

CONCRETE CURB TYPE B WILL BE PLACED IN THE F.E. WHEATON PARKING LOT AS SHOWN IN THE PLANS AND WILL BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12"

CONCRETE WALK REMOVAL AT THE WATERMAN BROTHERS PARKING LOT WILL BE PAID FOR AS "SIDEWALK REMOVAL" REPLACEMENT OF THE CONCRETE WALK WILL BE PAID FOR AS "PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH" AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER...

CONSTRUCTION OF THE RETAINING WALL AT THE WATERMAN BROTHERS PROPERTY IS TO BE COMPLETED IN A MAXIMUM OF 3 WEEKS.

CURB RAMPS WILL BE INSTALLED AT ALL LOCATIONS OF THE TYPE SPECIFIED AS INDICATED ON THE PLANS AND PAID FOR AS "PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH".

PROPOSED SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.00%. SIDEWALK EXCEEDING 2.00% CROSS SLOPE SHALL BE RECONSTRUCTED BY THE CONTRACTOR AT NO ADDITIONAL COST

DETECTABLE WARNINGS SHALL BE PLACED AT CURB RAMP LOCATIONS AND ON SIDEWALK ADJACENT TO COMMERCIAL DRIVEWAYS. REFER TO IDOT STANDARD 424001-05.

WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SODDED AREAS IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" AND SPECIAL PROVISIONS.

THE CONTRACTOR SHALL PROTECT AND RELOCATE EXISTING MAILBOXES WHICH INTERFERE WITH THE WORK IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE POST OFFICE TO COORDINATE MAILBOX RELOCATION.

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.

CONSTRUCTION ACTIVITIES MAY OCCUR BETWEEN 7:00 A.M. AND 7:00 P.M. MONDAY THROUGH FRIDAY AND FROM 8:30 A.M. TO 5:00 P.M. ON SATURDAYS. CONSTRUCTION ACTIVITIES ON SUNDAYS ARE PROHIBITED. NO WORK WILL BE PERFORMED ON FEDERAL HOLIDAYS OBSERVED IN ILLINOIS...

THE CONTRACTOR SHALL LOCATE ALL CONTROL POINTS THAT ARE WITHIN THE SITE AND PROTECT CONTROL POINTS FROM DISTURBANCE. ONLY THE ENGINEER CAN AUTHORIZE THE REMOVAL OR DISTURBANCE OF ANY CONTROL POINT. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO COMPENSATION SHALL BE PAID.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

DURING CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS. THE COST SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR "DUST CONTROL WATERING".

PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF IN THE ENGINEER'S OPINION THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL EXCAVATION AND EMBANKMENT SHALL BE CONSTRUCTED FOUR (4) INCHES BELOW FINISHED GRADE LINE TO ALLOW FOR TOP SOIL PLACEMENT (WHERE 4" TOP SOIL PLACEMENT OR PARKWAY RESTORATION IS SPECIFIED).

ALL EXISTING GRASS AREAS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE SEEDED OR SODDED AS DIRECTED BY THE ENGINEER.

ALL TOP SOIL PLACED ON THIS CONTRACT SHALL BE FREE OF NOXIOUS WEED SEED SPECIES.

THE ENGINEER MUST APPROVE THE LOCATIONS OF TOPSOIL STOCKPILES WITHIN THE RIGHT - OF - WAY.

THE CONTRACTOR SHALL SAW CUT PAVEMENT, CURB AND GUTTER, SIDEWALK, AND DRIVEWAY PAVEMENT AS INDICATED ON THE PLANS TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS SHOWN ON THE PLANS OR AS OTHERWISE DIRECTED BY THE ENGINEER. CARE SHALL BE TAKEN BY THE CONTRACTOR NOT TO DAMAGE THE REMAINING MATERIALS DIRECTLY ADJACENT TO THE MATERIAL TO BE REMOVED...

A MINIMUM CONSTRUCTION CLEARANCE OF 21' VERTICALLY ABOVE THE PLANE OF TOP-OF-RAIL AND 12' HORIZONTALLY AT RIGHT ANGLE FROM CENTERLINE OF TRACK WILL BE REQUIRED DURING CONSTRUCTION.

THE CONTRACTOR SHALL FINAL FINISH THE MOMENT SLAB SURFACE TO BE USED AS SIDEWALK BY BRUSHING WITH A WHITEWASH BRUSH. THE BRUSH SHALL BE DRAWN ACROSS THE SURFACE AT RIGHT ANGLES TO THE EDGE OF MOMENT SLAB, WITH ADJACENT STROKES SLIGHTLY OVERLAPPING, PRODUCING A UNIFORM, SLIGHTLY ROUGHENED SURFACE WITH PARALLEL BRUSH MARKS.

ON HIGHWAY STANDARD 420401 "BRIDGE APPROACH PAVEMENT", SUBBASE GRANULAR MATERIAL TYPE B SHALL BE USED IN LIEU OF THE TYPE A SHOWN ON THE STANDARD. THE COST OF THIS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE BID ITEM "BRIDGE APPROACH PAVEMENT (SPECIAL)".

THE CONTRACTOR IS REQUIRED TO USE THE MATERIALS LISTED IN THE "CITY OF WHEATON DISTRIBUTION SPECIFICATION" DOCUMENT OR APPROVED EQUAL WHEN INSTALLING FIRE HYDRANTS, GATE VALVES, BUTTERFLY VALVES, TAPPING VALVES, TAPPING SLEEVES, VALVE BOXES AND SERVICE FITTINGS. THE APPROVED MATERIAL LIST IS INCLUDED IN THE SPECIAL PROVISIONS DOCUMENT.

REMOVAL OF EXISTING RETAINING WALL ALONG THE ILLINOIS PRAIRIE PATH WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "EARTH EXCAVATION".

THE CONTRACTOR SHALL STAGE HIS WORK AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OPERATIONS.

ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR A FLUORESCENT SAFETY VEST AT ALL TIMES WHILE ON THE CONSTRUCTION SITE. COMPLIANCE WITH THIS REQUIREMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

HMA PAVEMENT REMOVAL ALONG THE ILLINOIS PRAIRIE PATH AND HMA SIDEWALK REMOVAL WITHIN THE PROJECT LIMITS WILL BE PAID FOR AS "SIDEWALK REMOVAL"

THE CONTRACTOR SHALL AVOID THE BURIED RAILROAD TANKER CAR IN THE TOUCH SENSOR TECHNOLOGIES PARKING LOT NEAR THE GABLES BOULEVARD ENTRANCE. THE LOCATION WILL BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

ALL DEMOLITIONS WITHIN THE RAILROAD'S RIGHT-OF-WAY AND/OR DEMOLITION THAT MAY IMPACT THE RAILROAD'S TRACKS OR OPERATIONS SHALL COMPLY WITH THE RAILROAD'S DEMOLITION REQUIREMENTS.

FALSEWORK CLEARANCE SHALL COMPLY WITH THE RAILROAD'S MINIMUM CONSTRUCTION CLEARANCE ENVELOPE.

THE ELEVATION OF THE EXISTING TOP-OF-RAIL PROFILE SHALL BE VERIFIED BEFORE BEGINNING CONSTRUCTION. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE RAILROAD PRIOR TO CONSTRUCTION.

THE PROPOSED GRADE SEPARATION PROJECT SHALL NOT CHANGE THE QUANTITY AND/OR CHARACTERISTICS OF THE FLOW IN THE RAILROAD DITCHES AND/OR DRAINAGE STRUCTURES.

FOR RAILROAD COORDINATION PLEASE REFER TO THE RAILROAD'S MINIMUM REQUIREMENTS AS PART OF THE SPECIFICATION OR SPECIAL PROVISION OF THE PROJECT.

NO WORK IS ALLOWED WITHIN 50 FEET OF TRACK CENTERLINE WHEN A TRAIN PASSES THE WORK SITE AND ALL PERSONNEL MUST CLEAR THE AREA WITHIN 25 FEET OF THE TRACK CENTERLINE AND SECURE ALL EQUIPMENT WHEN TRAINS ARE PRESENT. VARIATIONS FROM THIS REQUIREMENT ARE REQUIRED. CONTRACTOR MUST COORDINATE WITH THE UPRR.

CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING PAVEMENT OR PROPERTY DAMAGED DURING CONSTRUCTION OPERATIONS BY CONTRACTOR'S FORCES INCLUDING SUBCONTRACTORS AT NO ADDITIONAL COST INCLUDING THE PATHS ON BOTH SIDES OF THE ILLINOIS PRAIRIE PATH.

BEFORE CONSTRUCTION COMMENCEMENT, CONTRACTOR SHALL SURVEY AND RECORD ALL CORNER POINTS OF THE WATERMAN BROTHERS BUILDING AND DOCUMENT EXISTING CONDITIONS WITH PHOTOGRAPHS. CONTRACTOR SHALL REPEAT THE SURVEY AFTER PARKING LOT CONSTRUCTION. ALL DOCUMENTATION SHALL BE FORWARDED TO THE RESIDENT ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR "EARTH EXCAVATION" AND NO ADDITIONAL COMPENSATION IS ALLOWED

ILLINOIS PRAIRIE PATH CONSTRUCTION, INCLUDING THE EMBANKMENT AND STRUCTURE, WILL BEGIN AFTER LABOR DAY AND SHALL BE COMPLETED BEFORE MEMORIAL DAY.

CONTRACTOR SHALL PLACE 1 INCH THICKNESS OF PREFORMED JOINT FILLER AROUND DRAINAGE STRUCTURES MH-1, MH-25 AND MH-26 FOR THE FULL DEPTH OF THE APPROACH SLAB. THE COST OF ALL LABOR AND MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR THE DRAINAGE STRUCTURE TYPE TO BE INSTALLED.

THE COST OF THE MATERIALS, EQUIPMENT AND LABOR TO CONSTRUCT THE FOUNDATION FOR THE LIGHTING CONTROLLER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR "LIGHTING CONTROLLER TYPE CB-RCS 100AMP - 240VOLT" AND NO ADDITIONAL COMPENSATION IS ALLOWED.

THE COST OF THE MATERIALS, EQUIPMENT AND LABOR TO INSTALL GROUND RODS FOR LIGHTING UNITS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR "RELOCATE EXISTING LIGHTING UNIT" AND NO ADDITIONAL COMPENSATION IS ALLOWED.

IN LOCATIONS WHERE CONDUIT FOR USE BY TRAFFIC SIGNAL OR LIGHTING SYSTEMS IS TO BE INSTALLED UNDER PROPOSED PAVEMENT OR MOMENT SLABS, THE CONDUIT SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF PAVEMENT OR OF THE MOMENT SLAB, FOR THE RETAINING WALLS.

TREE REMOVAL AND PROTECTION

ALL TREES ARE DESIGNATED TO BE SAVED UNLESS OTHERWISE NOTED ON THE PLANS, AND SHALL BE PROTECTED IN ACCORDANCE WITH THE PROVISIONS OF ARTICLE 201 OF THE STANDARD SPECIFICATIONS.

ALL CLEARING AND REMOVAL OF BUSHES, HEDGES AND TREES UNDER 6" IN DIAMETER SHALL BE INCIDENTAL TO THE COST OF EARTH EXCAVATION.

THE CONTRACTOR SHALL NOT REMOVE ANY TREES OTHER THAN THOSE DESIGNATED FOR REMOVAL ON THE PLANS UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

TREE PROTECTION (TEMPORARY FENCE) SHOULD BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TREE PROTECTION (TEMPORARY FENCE) ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATION IS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING OF THE TREES HAS OCCURRED.

DRAINAGE

WHEN DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN DRAINAGE STRUCTURES AND THE FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES (NEW AND EXISTING) SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

UNSUITABLE MATERIAL SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AND SHALL BE DISPOSED OF OFFSITE IN ACCORDANCE WITH ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS" THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THIS MATERIAL INCLUDES BUT IT IS NOT LIMITED TO REBAR, ABANDONED UTILITY WIRES, SEWER AND WATER MAIN PIPES AND STRUCTURES, SEPTIC TANKS, SANITARY SEWER MACHINES AND UNSUITABLE FILL MATERIAL...

IF EXISTING DRAINAGE FACILITIES ARE DAMAGED OR DISTURBED BY THE CONTRACTOR, HE/SHE SHALL PROVIDE TEMPORARY OUTLETS AND CONNECTIONS FOR PRIVATE OR PUBLIC DRAINS, SEWER AND CATCH BASINS. THE CONTRACTOR SHALL ALSO PROVIDE FACILITIES TO TAKE AND DISCHARGE ALL STORM WATER RECEIVED BY THOSE DAMAGED DRAINS AT NO EXTRA COMPENSATION UNTIL THE PERMANENT CONNECTIONS ARE IN PLACE.

THE COST OF MAKING SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE UNIT PRICES FOR THE STORM SEWERS BEING CONSTRUCTED.

CONNECTION OF THE EXISTING DRAIN TILES, PIPE CULVERTS OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF WHEATON DETAILS INCLUDED IN THE PLANS. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EXISTING DRAINAGE. NO ADDITIONAL COMPENSATION IS ALLOWED

ALL EXISTING FRAMES, GRATES, AND LIDS THAT ARE BEING REPLACED REMAIN THE PROPERTY OF THE CITY OF WHEATON. THE CONTRACTOR SHALL DELIVER ALL REPLACED FRAMES, GRATES AND LIDS TO THE CITY OF WHEATON PUBLIC WORKS FACILITY. SUCH DELIVERY IS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE REMOVAL OR ADJUSTMENT OF THE DRAINAGE STRUCTURE.

THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE FACE OF CURB/FLOW LINE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPOSED LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.

AT LOCATIONS WHERE THE PROPOSED STORM SEWER CROSSES OVER UTILITIES, A 4" STYROFOAM CUSHION SHALL BE PLACED UNDER THE STORM SEWER WHEN DIRECTED TO DO SO BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

MACHINE CORING IS THE ONLY ACCEPTABLE METHOD OF CREATING A NEW OPENING FOR ALL EXISTING DRAINAGE STRUCTURES REQUIRING NEW CONNECTIONS (WHERE OPENINGS ARE NOT ALREADY EXISTING WITH TEMPORARY PLUGS). THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

ALL DRAINAGE STRUCTURES DESIGNATED WITH TYPE B GRATES ARE TO BE EQUIPPED WITH A MINIMUM OF 6 INCHES OF ADJUSTING RINGS. (INCLUDED IN THE CONTRACT UNIT PRICES FOR THE DRAINAGE STRUCTURE).

THE STORM SEWER PIPE LENGTHS INDICATED ON THE PLANS ARE MEASURED TO AND FROM THE MIDDLE OF DRAINAGE STRUCTURES.

MANHOLES AND CATCH BASINS SHALL BE CONSTRUCTED WITH A FLAT SLAB TOP WHEN A CONE RISER WILL CONFLICT WITH THE PIPE. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THESE STRUCTURES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS ADJUSTMENT. UPON IDENTIFYING THESE LOCATIONS THE RESIDENT ENGINEER SHALL BE NOTIFIED IMMEDIATELY.

WHERE POSSIBLE, ECCENTRIC MANHOLE TOPS WILL BE ROTATED SO THE MANHOLE COVER IS LOCATED ENTIRELY WITHIN THE SIDEWALK.

ADJUSTMENT OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY MAINTAINING THE SYSTEM OF THE STRUCTURE INVOLVED.

WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS USING METHOD ONE.

CONNECTION OF PIPE UNDERDRAINS TO DRAINAGE STRUCTURES IS INCLUDED IN THE CONTRACT UNIT PRICES FOR "PIPE UNDERDRAINS FABRIC LINED TRENCH 4IN".

ADJUSTMENT RINGS USED FOR CATCH BASINS, INLETS, MANHOLES OR SANITARY STRUCTURES ARE TO BE RUBBER RISER RINGS ON 2" OR LESS HEIGHT. THE MASTIC BETWEEN THE RINGS ARE BUTYL MASTIC, NOT ROOFER TAR, AND THE DIMENSION IS 3/8 INCH THICKNESS, 3" WIDE ON A STANDARD SIZE ROLL. USE OF SHIMS WILL NOT BE PERMITTED.

UTILITY

BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES (48 HOUR NOTIFICATION REQUIRED). THE CONTRACTOR SHOULD ALSO COORDINATE CONSTRUCTION OPERATIONS WITH THE FOLLOWING PUBLIC UTILITIES:

- AT&T - TOM QUATTROCCHI (630) 462-5816 COMCAST - SCOTT DAVOLT (630) 351-5035 UPRR UTILITIES - (312) 496-4738
COMMWELTH EDISON - JOE STACHO (630) 424-5204 NICOR - STAN JANUSZ (630) 629-2500 X262
WHEATON PUBLIC WORKS - JOE KNIPPEN (630) 260-2110 UPRR FIBER OPTICS - (800) 336-9193

THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. IDOT, THE CITY NOR THE CONSULTANT GUARANTEES THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF SUCH UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS TO NOT DAMAGE THEM. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE "STANDARD SPECIFICATIONS".

ALL FIRE HYDRANTS TO BE RELOCATED AS PART OF THE CONTRACT SHALL BE RELOCATED IN ACCORDANCE WITH DETAILS INCLUDED IN THE PLANS.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH WORK TO BE PERFORMED BY UTILITY COMPANIES. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY WORK WITH THEIR SUBCONTRACTORS.

WHENEVER THE CONTRACTOR ENCOUNTERS FACILITIES AND APPURTENANCE WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATIONS, HE/SHE SHALL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THE FACILITIES. HAND EXCAVATION WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTHWORK. SHOULD THE ENGINEER BE ABLE TO ASCERTAIN THAT THE FACILITY IS ABANDONED, THE CONTRACTOR MAY THEN USE MACHINE METHODS.

THE CONTRACTOR SHALL CONTACT AND OBTAIN APPROVAL FROM THE CITY OF WHEATON PUBLIC WORKS DEPARTMENT FOR ALL MAIN SHUTOFFS. UNDER NO CONDITION SHALL THE CONTRACTOR OPERATE ANY VALVES OR HYDRANTS WITHIN THE PROJECT AREA. WHENEVER AN EXISTING WATER MAIN OR A SECTION THEREOF IS TO BE SHUT DOWN DURING THE COURSE OF CONSTRUCTION, EVERY INDIVIDUAL CONSUMER SHALL BE NOTIFIED AT LEAST SEVENTY-TWO HOURS PRIOR TO THE SHUT DOWN.

CONTRACTOR TO VERIFY LOCATIONS OF EXISTING WATERMAIN PIPE BEFORE FABRICATION OR INSTALLATION OF DRAINAGE STRUCTURES. SHOULD A CONFLICT BETWEEN EXISTING UTILITIES AND PROPOSED DRAINAGE STRUCTURES BE IDENTIFIED, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.

UTILITIES ARE TO BE RELOCATED BEFORE CONSTRUCTION STARTS ON THE PROPOSED WESLEY ST BRIDGE AND RETAINING WALLS UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER.

CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS NEEDED FOR LIGHTING AND TRAFFIC SIGNAL WORK. THIS WORK IS INCLUDED IN THE COST OF THESE ITEMS.

Table with columns: REVISIONS, NAME, DATE. Includes project title: CITY OF WHEATON, MANCHESTER ROAD / WESLEY STREET OVER UNION PACIFIC RAILROAD, GENERAL NOTES, SCALE: VERT. N.T.S., HORIZ. DATE 6/4/2008, DRAWN BY R.P., CHECKED BY J.C.

**HOT-MIX ASPHALT AND HOT-MIX ASPHALT BASE COURSE**  
 HMA SURFACE COURSE, SUPERPAVE, MIX "D", N50 SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, AGGREGATE BASE COURSE, AND HMA BASE COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.  
 BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN BACKFILLED TO THE SATISFACTION OF THE ENGINEER.  
 THE UNIT PRICES FOR ITEMS USED TO CONSTRUCT TEMPORARY PAVEMENT OR ACCESS ROADS SHALL INCLUDE ALL EQUIPMENT, LABOR AND MATERIAL REQUIRED TO PLACE, REMOVE, AND DISPOSE OF THE TEMPORARY PAVEMENT OR ACCESS ROAD.

**TEMPORARY FENCE**  
 TEMPORARY FENCE LOCATIONS (FOR MAINTENANCE OF TRAFFIC) HAVE BEEN SUMMARIZED IN THE TEMPORARY FENCE SPECIAL PROVISION. THE ENGINEER MAY ADJUST TEMPORARY FENCE LOCATIONS AS NEEDED.  
**LANDSCAPE PLANTING**  
 CONTRACTOR SHALL USE THE LANDSCAPE PLANTING DETAIL INCLUDED IN THE PLAN SET WHEN PERFORMING LANDSCAPE PLANTING. TOPSOIL FURNISH AND PLACE, 24" AND COMPOST FURNISH AND PLACE, 2" IS REQUIRED TO BE USED AS SHOWN IN THE DETAIL AND IS CONSIDERED INCIDENTAL TO THE ITEM BEING PLANTED

**STAKING**  
 THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT SOME QUANTITIES ARE GIVEN IN BOTH SUMMARY FORM AND ON THE PLAN SHEETS. CARE SHALL BE TAKEN TO AVOID DUPLICATION OF QUANTITIES.

**LIGHTING**  
 LUMINAIRES, LIGHT POLES, COMBINATION POLES, MAST ARMS AND LIGHTING RELATED MATERIALS WILL BE PROVIDED TO THE CONTRACTOR BY THE CITY OF WHEATON AND INSTALLED AT THE LOCATIONS AS DETAILED IN THE PLANS.

**GEOTECHNICAL REPORT**  
 IN ANY EVENT, IN ORDER TO HELP MINIMIZE THE AMOUNT OF POTENTIAL SETTLEMENT IT IS RECOMMENDED THAT ALL OF THE FILL USED TO CONSTRUCT THE ROADWAY BE COMPACTED TO A MINIMUM OF 95 PERCENT BASED ON LABORATORY DESIGNATION AASHTO T-99. IN AREAS OUTSIDE OF THE REINFORCED ZONE OF THE MSE WALLS WHERE IN EXCESS OF 10 FEET OF FILL IS EXPECTED CONSIDERATION SHOULD BE GIVEN TO USE GRANULAR FILL BELOW A DEPTH OF 10 FEET FROM FINISHED GRADE. IN ADDITION, IN ORDER TO HELP MINIMIZE THE BUILD-UP OF HYDROSTATIC FORCES NEXT TO THE RETAINING WALLS IT IS IMPERATIVE THAT A FREE DRAINING LAYER OF CRUSHED STONE BE PROVIDED NEXT TO THE PROPOSED RETAINING WALLS.

THE FILL SHOULD BE PLACED IN 8 TO 10-INCH MAXIMUM THICKNESS LIFTS. ITS MOISTURE CONTENT SHOULD BE WITHIN 3 PERCENT OF THE OPTIMUM AS DETERMINED BY LABORATORY DESIGNATION AASHTO T-99. IF THE SOIL IS TOO DRY IT WILL HAVE AN APPARENT STABILITY WHICH WILL BE LOST IF IT LATER BECOMES WET. IF THE SOIL IS TOO WET PROPER COMPACTION CANNOT BE ACHIEVED.

PRIOR TO THE PLACEMENT OF THE ENGINEERED FILL, IT IS RECOMMENDED THAT ALL POTENTIALLY UNSTABLE SOILS BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES AS DETERMINED BY THE GEOTECHNICAL ENGINEER. ANY PGES NOT NEEDED AT THE TIME OF CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR.

NEW FILL SHOULD CONSIST OF APPROVED GRANULAR MATERIALS OR INORGANIC SILTY CLAYS OF MEDIUM PLASTICITY. IT IS RECOMMENDED THAT COMPACTION BE TO A MINIMUM OF 95 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST (AASHTO T-99). THE FILL SHOULD BE PLACED IN MAXIMUM 8 TO 10-INCH LIFTS (LOOSE MEASURE) FOR EITHER COHESIVE OR GRANULAR SOILS. EACH LIFT TO BE COMPACTED TO THE SPECIFIED DENSITY PRIOR TO THE PLACEMENT OF ADDITIONAL FILL.

MOISTURE CONTROL IS IMPORTANT IN THE COMPACTION OF MOST SOIL TYPES, AND IT IS RECOMMENDED THAT THE WATER CONTENT OF NEW FILL BE WITHIN 3 PERCENT OF OPTIMUM MOISTURE AS ESTABLISHED BY ITS LABORATORY COMPACTION CURVE. IF THE SOIL IS COMPACTED TOO DRY, IT WILL HAVE AN APPARENT STABILITY WHICH WILL BE LOST IF IT LATER BECOMES SATURATED. IF THE SOIL IS TOO WET, THE CONTRACTOR WILL NOT BE ABLE TO ACHIEVE PROPER COMPACTION.

**ROADWAY EXCAVATION**  
 ALL EXISTING CULVERTS, STORM SEWERS, OR DRAINAGE STRUCTURES MARKED FOR REMOVAL ON THE PLANS OR DESIGNATED IN THE FIELD BY THE ENGINEER TO BE REMOVED SHALL BE REMOVED AND ANY EXCAVATION SHALL BE BACKFILLED WITH A GRANULAR MATERIAL MEETING THE SPECIFICATIONS FOR FA-1 OR FA-2. THE COST OF ALL LABOR AND MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR STORM SEWER OR PIPE CULVERT.

THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENT, NOT SCHEDULED TO BE REMOVED, WITH LOADED SCRAPERS OR TRACK EQUIPMENT.

ALL EXISTING DOMESTIC BUFFALO BOXES ARE TO BE ADJUSTED BY THE CONTRACTOR. THE COST OF THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "EARTH EXCAVATION".

A SHRINKAGE FACTOR OF 15% HAS BEEN USED. PERMANENT REMOVAL OF WASTE IS INCLUDED IN THE CONTRACT UNIT PRICE FOR "EARTH EXCAVATION".

PLANTER REMOVAL IS INCLUDED IN THE CONTRACT UNIT PRICE FOR "EARTH EXCAVATION".

REFER TO NOTES ON TYPICAL SECTION SHEETS FOR SLOPE BENCHING REQUIREMENTS. SLOPE BENCHING WILL BE CONSIDERED INCIDENTAL TO "EARTH EXCAVATION" WHICH WILL INCLUDE ALL LABOR AND MATERIALS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

A MAJORITY OF THE SOILS TO BE EXCAVATED FOR THE NEW MSE WALLS WILL CONSIST OF BROWN OR GRAY CLAY HAVING MODERATE MOISTURE CONTENTS AND STRENGTH VALUES INDICATIVE OF A TOUGH TO HARD CONDITION. THESE MATERIALS ARE SUITABLE AS A BORROW SOURCE FOR NEW EARTH EMBANKMENT OVER VARIOUS AREAS OF THE PROJECT. BURIED LAYERS OF BLACK ORGANIC TOPSOIL WAS ENCOUNTERED IN SEVERAL BORINGS AND SHOULD BE CONSIDERED AS AN UNSUITABLE MATERIAL FOR NEW ROADWAY EMBANKMENT. INTERMEDIATE "LOAMY" TYPE SOILS WHICH WERE GIVEN A CLASSIFICATION OF A-4 ARE CONSIDERED FROST SUSCEPTIBLE AND SHOULD BE RESTRICTED FROM THE TOP 2.0 FEET OF EMBANKMENT. CLAY WITH MODERATELY HIGH MOISTURE CONTENTS (23-26%) REQUIRES MOISTURE REDUCTION BY 3 TO 6 PERCENTAGE POINTS TO PROPERLY CONDITION THESE SOILS FOR EARTH EMBANKMENT. CONDITIONING THE SOIL FOR EARTH EMBANKMENT SHALL BE INCIDENTAL TO EARTH EXCAVATION.

THE COST FOR EXCAVATION AND EARTHWORK FOR THE JACKING AND RECEIVING PITS IS INCLUDED IN THE CONTRACT UNIT PRICES FOR "EARTH EXCAVATION".

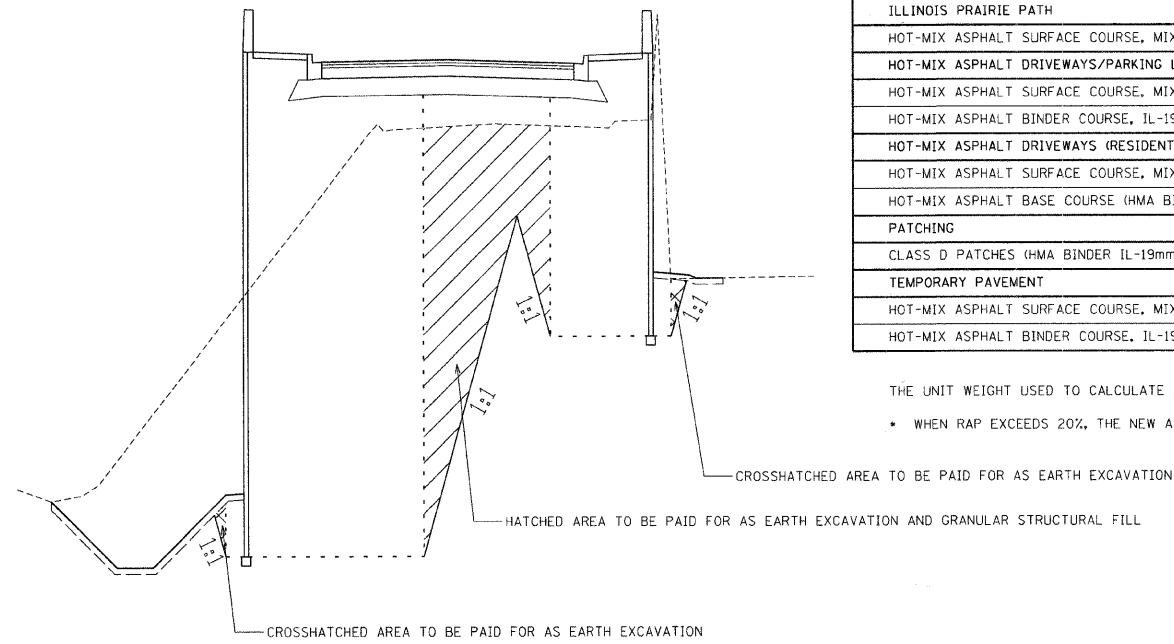
ROAD	UNADJUSTED EARTH EXCAVATION (CU YD)	ADJUSTED EARTH EXCAVATION (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (CU YD)
MANCHESTER ROAD	21346	18144	1034	17110
FRONT STREET	1604	1364	3103	-1739
WESTERN AVENUE	571	486	2370	-1885
GABLES BOULEVARD	363	308	222	86
ILLINOIS PRAIRIE PATH	1061	902	588	314
WESLEY STREET	1327	1128	3657	-2529
TOTAL	26308	22332	10974	11358

THE ADJUSTED EARTH EXCAVATION VALUES UTILIZE A SHRINKAGE FACTOR OF 15%

MIXTURE TYPE	AC TYPE	AIR VOIDS	THICKNESS
<b>FULL DEPTH PAVEMENT</b>			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PG 64-22	4% @ 70 Gyr.	2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	PG 64-22 *	4% @ 70 Gyr.	9"
<b>ILLINOIS PRAIRIE PATH</b>			
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 Gyr.	2"
<b>HOT-MIX ASPHALT DRIVEWAYS/PARKING LOT (COMMERCIAL)</b>			
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 Gyr.	2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	PG 64-22 *	4% @ 50 Gyr.	2 1/4"
<b>HOT-MIX ASPHALT DRIVEWAYS (RESIDENTIAL)</b>			
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 Gyr.	2"
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm)	PG 64-22 *	4% @ 50 Gyr.	4"
<b>PATCHING</b>			
CLASS D PATCHES (HMA BINDER IL-19mm)	PG 64-22 *	4% @ 70 Gyr.	9"-12"
<b>TEMPORARY PAVEMENT</b>			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	PG 64-22 *	4% @ 50 Gyr.	1 1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	PG 64-22 *	4% @ 50 Gyr.	2 1/4"

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LBS/50 YD/IN

\* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22



**ADDITIONAL EARTHWORK DETAIL**

ADDITIONAL EARTHWORK IS REQUIRED TO CONSTRUCT MSE WALLS WHICH ARE NOT DISPLAYED IN THE CROSS SECTION SHEETS. THIS ADDITIONAL QUANTITY IS DETAILED ABOVE AND IS AS FOLLOWS:  
 EARTH EXCAVATION - 3856 CU YD  
 GRANULAR FILL - 3488 CU YD  
 THESE QUANTITIES HAVE BEEN INCLUDED IN THE SCHEDULE AND SUMMARY OF QUANTITIES

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 GENERAL NOTES  
 SCALE: VERT. N.T.S. DRAWN BY DWW  
 DATE 6/4/2008 CHECKED BY JLC





ITEM NO.	"SPECIALTY ITEM"	SP	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE							
							ROADWAY 1000-2A	BRIDGE (Wesley) X171-2A	BRIDGE (IPP) X131-2A	DUPAGE COUNTY X131-2A	LIGHTING Y030-1E	TRAFFIC SIGNALS Y031-1F		
83			55080320	STORM SEWERS, CLASS B, TYPE 2 8"	FOOT	12	12							
84		*	55039700	STORM SEWERS TO BE CLEANED	FOOT	100	100							
85			55100100	STORM SEWER REMOVAL 4"	FOOT	8	8							
86			55100200	STORM SEWER REMOVAL 6"	FOOT	12	12							
87			55100300	STORM SEWER REMOVAL 8"	FOOT	441	441							
88			55100400	STORM SEWER REMOVAL 10"	FOOT	115	115							
89			55100500	STORM SEWER REMOVAL 12"	FOOT	1,129	1,129							
90			55100700	STORM SEWER REMOVAL 15"	FOOT	174	174							
91			55100900	STORM SEWER REMOVAL 18"	FOOT	153	153							
92	+		56000100	CAST IRON SOIL PIPE 4"	FOOT	19	19							
93	+	*	56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	100	100							
94	+		56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1							
95	+	*	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	3	3							
96	+	*	56500700	DOMESTIC WATER SERVICE BOXES TO BE REMOVED	EACH	13	13							
97			58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	328		328						
98			58700300	CONCRETE SEALER	SQ FT	199.0			199.0					
99			59000200	EPOXY CRACK INJECTION	FOOT	117				117				
100		*	60109510	PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"	FOOT	5,153	5153							
101		*	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1							
102		*	60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	50	50							
103		*	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1							
104		*	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	2	2							
105		*	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	5	5							
106		*	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	45	45							
107		*	60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1							
108		*	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3							
109		*	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5							
110		*	60226400	MANHOLES, DROP TYPE, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2							
111		*	60226730	MANHOLES, DROP TYPE, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2							
112			60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2							
113			60255500	MANHOLES TO BE ADJUSTED	EACH	1	1							
114			60500040	REMOVING MANHOLES	EACH	10	10							
115			60500050	REMOVING CATCH BASINS	EACH	30	30							
116			60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	6,210.5	6210.5							
117		*	60802012	AUTOMATIC FLAP GATE 12"	EACH	4	4							
118		*	66400575	CHAIN LINK FENCE, 10' (SPECIAL)	FOOT	318			318					
119		*	66410200	CHAIN LINK FENCE (SPECIAL)	FOOT	98	98							
120		*	66411900	TEMPORARY FENCE	FOOT	2,990	2990							
121			66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	25	25							
122			67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18							
123			67000600	ENGINEER'S FIELD LABORATORY	CAL MO	18	18							
124			67100100	MOBILIZATION	L SUM	1	1							
125		*	70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1							
126			70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1							
127			70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1							
128			70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1							
129			70400100	TEMPORARY CONCRETE BARRIER	FOOT	50	50							
130			70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	50	50							
131	+		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	156	156							
132	+		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4,369	4,369							
133	+		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	276	276							
134	+		78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	74	74							
135	+		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	76	76							
136	+		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	110	110							
137	+		78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	236	236							
138	+		78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	94	94							
139	+		78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	38	38							
140	+		78004100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LETTERS AND SYMBOLS	SQ FT	73	73							
141	+		78004130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 6"	FOOT	183	183							
142	+		78004180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 24"	FOOT	43	43							
143	+		78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	24	24							
144	+		78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	10	10							
145	+		80400100	ELECTRIC SERVICE INSTALLATION	EACH	1				1				
146	+		80500100	SERVICE INSTALLATION, TYPE A	EACH	1						1		
147	+		81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	873				496			377	
148	+		81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	75							75	
149	+		81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	19							19	
150	+		81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	263							263	
151	+		81301200	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 12" X 10" X 6"	EACH	21						21		
152	+		81400100	HANDHOLE	EACH	8						5		3
153	+		81400200	HEAVY-DUTY HANDHOLE	EACH	1								1
154	+		81400300	DOUBLE HANDHOLE	EACH	3								3
155	+		81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	2								2
156	+		81700115	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 8	FOOT	3,055						3055		
157	+		81700125	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 4	FOOT	383						383		
158	+		81700225	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 2-1/C NO. 6	FOOT	3,055						3055		
159	+		81701155	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE USE) 1/C NO. 4/0	FOOT	766						766		
160	+		81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	393						393		
161	+		82500530	LIGHTING CONTROLLER TYPE CB-RCS 100AMP - 240VOLT	EACH	1						1		
162	+		83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	30						30		
163	+		84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	1						1		
164	+		84200700	LIGHTING FOUNDATION REMOVAL	EACH	4						4		

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD

SUMMARY OF QUANTITIES

SCALE: VERT.      DRAWN BY DW  
 HORIZ.              CHECKED BY JLC  
 DATE 6/4/2008



CONTRACT NO. 83908

SUMMARY OF QUANTITIES						CONSTRUCTION TYPE CODE						
ITEM NO.	"SPECIALTY ITEM"	SP	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY I000-2A	BRIDGE (Wesley) X171-2A	BRIDGE (IPP) X131-2A	DUPAGE COUNTY X131-2A	LIGHTING Y030-1E	TRAFFIC SIGNALS Y031-1F
247	+	*	X1008072	MAST ARM INSTALLATION, TYPE 3	EACH	1						1
248	+	*	X1008073	POLE INSTALLATION, SIGNAL TYPE 1	EACH	1						1
249	+	*	X1008074	POLE INSTALLATION, COMBINATION TYPE 1	EACH	3						3
250	+	*	X1008075	POLE INSTALLATION, COMBINATION TYPE 2	EACH	1						1
251	+	*	X1008076	POLE INSTALLATION, LIGHT TYPE 1	EACH	14					14	
252	+	*	X1008077	POLE INSTALLATION, LIGHT TYPE 2	EACH	2					2	
253	+	*	X1008078	CONDUIT BEHIND RETAINING WALL, 1X2", GALVANIZED STEEL	FOOT	50					50	
254	+	*	X1008079	CONDUIT BEHIND RETAINING WALL, 2X4", GALVANIZED STEEL	FOOT	25						25

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD

SUMMARY OF QUANTITIES

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 6/4/2008

DRAWN BY DW  
 CHECKED BY JLC





25000400 NITROGEN FERTILIZER NUTRIENT		
FERTILIZER CONSTANT:	90	lbs/Acre
SEEDING TYPE	ACRE	LB
CLASS 1	0.48	43
CLASS 2A	0.05	5
TOTAL		48

25000500 PHOSPHORUS FERTILIZER NUTRIENT		
FERTILIZER CONSTANT:	90	lbs/Acre
SEEDING TYPE	ACRE	LB
CLASS 1	0.48	43
CLASS 2A	0.05	5
TOTAL		48

25000600 POTASSIUM FERTILIZER NUTRIENT		
FERTILIZER CONSTANT:	90	lbs/Acre
SEEDING TYPE	ACRE	LB
CLASS 1	0.48	43
CLASS 2A	0.05	5
TOTAL		48

25100630 EROSION CONTROL BLANKET						
STREET	STATION	STATION	OFFSET	SQ FT	ADJUST. FACTOR	SQ. YD.
MANCHESTER ROAD	11+00.00	15+00.00	LT	2028.74	1.00	225.416
	15+00.00	22+80.57	LT	13204.06	1.12	1643.172
	16+00.00	22+22.98	RT	6599.95	1.03	755.328
MANCHESTER ROAD TO FRONT STREET	19+00.00		LT			
		55+25.00	RT	23034.90	1.12	2866.565
WESLEY STREET	40+89.96	42+87.77	LT	2813.37	1.03	321.975
	43+91.99	45+55.33	RT	3079.12	1.03	352.388
WESTERN AVENUE	61+15.77	62+28.31	LT	1181.03	1.00	131.226
	63+22.67	64+70.42	RT	2025.50	1.20	270.067
FRONT STREET	52+43.87	53+85.26	LT	3472.03	1.03	397.355
ILLINOIS PRAIRIE PATH	16+64.54	18+99.93	LT	3428.49	1.20	457.132
	16+64.54	19+18.59	RT	3890.10	1.20	518.680
	16+65.06	19+05.69	LT	1562.70	1.20	208.360
	16+99.97	18+49.93	RT	1127.88	1.20	150.384
				TOTAL		8298.05
				TOTAL (ROUNDED)		8298

25200110 SODDING, SALT TOLERANT							
STREET	STATION	STATION	OFFSET	SQ FT	ADJ. FACTOR	SQ YD	
MANCHESTER ROAD	15+25.00	19+73.00	LT	2588.00	1.00	287.56	
	11+00.00	11+22.64	RT	73.43	1.03	8.40	
	11+12.36	11+54.24	RT	123.94	1.03	14.18	
	11+79.33	12+49.06	RT	226.71	1.03	25.95	
	12+85.15	13+29.43	RT	138.05	1.03	15.80	
	15+20.79	15+99.99	RT	1008.63	1.04	116.55	
	21+91.48	23+02.34	RT	1079.94	1.12	134.39	
	23+07.12	23+29.30	LT	320.72	1.03	36.70	
	23+37.34	24+20.47	RT	479.36	1.03	54.86	
	23+44.30	23+96.50	LT	334.53	1.03	38.29	
	24+21.50	24+33.69	LT	61.88	1.00	6.88	
	24+29.01	24+75.00	LT	185.14	1.00	20.57	
	24+34.47	24+75.00	RT	143.55	1.00	15.95	
	24+58.78	24+75.00	RT	34.91	1.00	3.88	
GABLES BLVD	30+25.00	30+47.50	LT	146.53	1.03	16.77	
	30+25.00	30+39.48	LT	79.47	1.03	9.09	
	30+25.00	30+60.05	RT	281.71	1.01	31.61	
	30+30.14	30+82.59	RT	392.33	1.00	43.59	
	30+82.50	32+21.88	LT	1342.73	1.03	153.67	
	32+09.22	32+28.76	LT	268.21	1.03	30.70	
	31+09.75	32+70.58	RT	2032.40	1.03	232.60	
	WESLEY STREET	43+55.13	43+86.99	RT	1933.68	1.00	214.85
		43+91.99	44+87.62	RT	1242.32	1.03	142.18
		44+70.02	45+11.00	LT	1108.89	1.03	126.91
45+15.00		45+45.07	LT	568.15	1.03	65.02	
44+92.62		45+55.54	RT	819.13	1.03	93.74	
45+57.07		45+93.70	LT	383.00	1.01	42.98	
45+60.54		45+87.10	RT	339.18	1.03	38.82	
45+60.29		45+88.07	RT	151.88	1.03	17.38	
45+99.10		46+17.18	RT	229.21	1.03	26.23	
45+98.79		46+17.43	RT	90.90	1.03	10.40	
45+57.07		45+93.70	LT	253.00	1.03	28.95	
46+07.70		46+40.00	LT	514.00	1.03	58.82	
46+22.18		46+40.00	RT	231.68	1.03	26.51	
46+21.51		46+40.00	RT	87.35	1.03	10.00	
FRONT STREET	50+25.47	52+23.45	RT	1092.31	1.08	131.08	
	50+85.33	51+64.68	LT	1869.47	1.00	207.72	
	52+26.45	54+70.00	RT	1422.81	1.05	166.00	
	52+37.46	53+84.87	LT	783.82	1.03	89.70	
	54+09.19	54+70.00	LT	507.75	1.03	58.11	
	54+09.30	54+27.81	LT	66.56	1.03	7.62	
	54+31.73	54+68.01	LT	151.33	1.03	17.32	
	WESTERN AVENUE	62+28.07	62+71.42	LT	696.40	1.03	79.70
		63+09.48	65+00.00	LT	3045.03	1.03	348.49
		63+22.67	64+77.40	RT	1591.83	1.20	212.24
64+57.54		64+82.05	RT	397.85	1.20	53.05	
64+97.25		65+40.00	LT	151.11	1.00	16.79	
64+87.93		65+19.78	RT	452.17	1.03	51.75	
ILLINOIS PRAIRIE PATH	65+31.78	65+40.00	RT	80.02	1.00	8.89	
ILLINOIS PRAIRIE PATH	15+45.67	15+62.29	CENTER	216.28	1.01	24.27	
	15+65.65	16+63.18	CENTER	1261.93	1.01	141.62	
	15+45.67	16+64.54	RT	4817.00	1.01	540.57	
	15+47.14	16+64.54	LT	3894.96	1.01	437.10	
				TOTAL		4792.81	
				TOTAL (ROUNDED)		4793	

25200200 SUPPLEMENTAL WATERING				
TOTAL SOD AREA SQ YD	RATE GAL/SQ YD	ADDITIONAL WATERINGS	GALLONS	UNIT
4793	3	15	215685.00	215.69
			TOTAL	215.69
			TOTAL (ROUNDED)	215.7

28000250 TEMPORARY EROSION CONTROL SEEDING				
	AREA SQ YD	ACRE	POUND	
EROSION CONTROL BLANKET	8298.05	1.71	171.45	
SODDING, SALT TOLERANT	4768.20	0.99	98.52	
			TOTAL	269.96
			TOTAL (ROUNDED)	270

28000300 TEMPORARY DITCH CHECKS					
STREET	STATION	ELEVATION	OFFSET (FT)	LT/RT	EACH
MANCHESTER ROAD	15+25.00	740.06	24.26'	LT	1
	15+50.00	741.11	28.15'	LT	1
	15+75.00	742.17	27.45'	LT	1
	16+00.00	743.22	33.67'	LT	1
	17+75.00	744.27	31.76'	LT	1
FRONT STREET	19+75.00	745.25	39.16'	LT	1
	22+00.00	745.98	42.96'	LT	1
	50+25.00	745.69'	50.37'	RT	1
Contingency					4
				TOTAL	12

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 SCHEDULE OF QUANTITIES

SCALE: VERT. HORIZ.  
 DATE 6/4/2008

DRAWN BY DW  
 CHECKED BY JLC









42400100		PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH				
STATION	STATION	LOCATION	WIDTH	LENGTH	AREA	COMMENT
					SQ FT	
<b>MANCHESTER ROAD</b>						
11+00.00	11+52.80	RT	6.00	52.8	287	
11+80.73	12+47.66	RT	6.00	66.9	371	
12+86.58	13+15.80	RT	6.00	29.2	161	
15+34.22	15+99.99	RT	6.00	65.8	358	
22+53.30	22+81.11	LT	6.00	27.8	195	
22+22.98	23+00.37	RT	6.00	77.4	322	
23+07.12	23+29.30	LT	6.00	22.2	126	
23+39.30	24+18.51	RT	6.00	79.2	445	
23+44.30	23+89.44	LT	6.00	45.1	242	
24+34.47	24+75.00	RT	6.00	40.5	233	
22+83.12	22+98.55	LT	3.60	15.4	112	
<b>GABLES BOULEVARD</b>						
30+25.00	30+44.92	LT	6.00	19.9	98	
30+25.00	30+82.20	RT	6.00	57.2	327	
30+84.46	31+67.29	LT	6.00	82.8	482	
31+11.99	32+25.45	RT	6.00	113.5	661	
<b>WESLEY STREET</b>						
43+91.99	45+87.10	RT	5.00	195.1	976	
45+99.10	46+40.00	RT	5.00	40.9	205	
43+97.03	44+58.02	LT	10.00	61.0	417	
44+70.02	45+45.07	LT	5.00	75.0	364	
45+11.00	45+15.00	LT	4.00	4.0	120	Carriage walk
45+57.07	45+93.70	LT	6.00	36.6	196	
46+05.70	46+40.00	LT	5.00	34.3	153	
44+87.62	44+92.62	RT	5.00	5.0	65	Carriage walk
45+55.54	45+60.54	RT	5.00	5.0	65	Carriage walk
45+55.33	45+60.33	RT	5.00	5.0	15	Carriage walk
46+17.18	46+22.18	RT	5.00	5.0	65	Carriage walk
<b>FRONT STREET</b>						
52+26.69	52+43.87	LT	5.00	17.2	303	
52+43.87	53+85.08	LT	5.00	141.2	705	
54+09.24	54+70.00	LT	5.00	60.8	301	
<b>WESTERN AVENUE</b>						
61+95.92	63+22.67	RT	10.00	126.8	1268	
63+23.67	64+44.09	RT	6.00	120.4	745	
64+44.09	65+40.00	RT	5.50	99.5	761	
64+82.23	65+07.68	LT	4.00	12.0	36	
62+37.72	62+76.18	LT	5.00	39.0	189	
<b>MANCHESTER/GABLES INTERSECTION</b>						
13+15.80	13+43.80	SW	6.00	122.0	582	
13+92.00	14+75.45	SE	6.00	90.0	527	
<b>WESLEY/WESTERN INTERSECTION</b>						
61+10.80	61+95.92	NE	10.00	110.0	1108	
60+10.41	60+75.75	SE	5.00	65.3	327	
<b>Curb Ramps In Moment Slab</b>						
20+68.35	20+81.35	RT	6.00	13.0	44	
20+71.67	20+80.03	LT	6.00	8.4	48	
52+18.45	52+31.45	RT	6.00	13.0	48	
					TOTAL	14051.67
					TOTAL (ROUNDED)	14052.0

42400800		DETECTABLE WARNINGS		
STATION	LOCATION	AREA		
		SQ FT		
<b>MANCHESTER ROAD</b>				
11+46.00	RT	12		
11+87.00	RT	12		
12+41.00	RT	12		
12+93.00	RT	12		
13+40.00	RT	6		
14+15.00	RT	7		
14+66.00	RT	6		
15+42.00	RT	6		
20+75.00	RT	6		
20+75.00	LT	6		
22+92.00	RT	12		
23+46.00	RT	12		
24+12.00	RT	12		
24+36.00	RT	12		
22+76.00	LT	13		
23+09.00	LT	12		
23+80.00	LT	12		
<b>GABLES BOULEVARD</b>				
30+78.00	RT	6		
31+17.00	RT	6		
30+40.00	LT	10		
30+91.00	LT	12		
<b>WESLEY STREET</b>				
43+83.00	RT	8		
43+90.00	LT	6		
<b>FRONT STREET</b>				
52+25.00	RT	6		
52+29.50	LT	6		
<b>WESTERN AVENUE</b>				
64+52.00	RT	6		
64+92.00	LT	7		
		TOTAL	243	
		TOTAL (ROUNDED)	243	

44000100		PAVEMENT REMOVAL				
STREET	STATION	STATION	LENGTH	WIDTH	SQ FT	SQ YD
			FT			
<b>MANCHESTER ROAD</b>						
	11+00.00	13+32.00	232	28.0	6496	722
	13+32.00	14+20.00	88	28	2486	276
	14+20.00	14+53.00	33	29	957	106
	14+53.00	15+59.00	106	28	2968	330
	15+59.00	16+50.00	91	26	2351	261
	16+50.00	16+59.00	9	26	233	26
	16+59.00	17+17.00	58	27	1542	171
	17+17.00	17+80.00	63	26	1638	182
	17+80.00	20+43.00	263	23	5918	658
	20+43.00	21+33.00	90	23	2039	226
	21+33.00	22+27.00	94	23	2162	240
	22+27.00	23+31.00	104	29	2964	329
	23+31.00	23+78.00	47	34	1586	176
	23+78.00	24+46.00	68	33	2270	252
	24+46.00	24+57.00	11	36	397	44
	24+57.00	24+75.00	18	39	698	78
<b>GABLES BOULEVARD</b>						
	30+25.00	31+67.00	142	28	3965	441
	31+67.00	32+72.00	105	0	3222	358

ISLAND ABOUT WESLEY/FRONT/ WESTERN				14983	1665
STATION	OFFSET	AREA	AREA		
		SQ FT	SQ YD		
<b>WESTERN AVENUE</b>					
61+28.00	61+50.00	22	48	1050	117
61+50.00	62+59.00	109	48	3722	414
62+59.00	63+18.00	59	48	2832	315
63+18.00	64+17.00	99	49	3402	378
64+17.00	65+40.00	123	0	4937	549
<b>WESLEY STREET</b>					
43+86.00	46+40.00	254	21	5437	604
<b>FRONT STREET</b>					
52+36.00	54+70.00	234	22	5148	572
				TOTAL	9490

44000200		DRIVEWAY PAVEMENT REMOVAL		
STATION	OFFSET	AREA	AREA	
		SQ FT	SQ YD	
<b>GABLES BOULEVARD</b>				
30+96.17	RT	612	68	
32+34.00	LT	438	49	
<b>MANCHESTER ROAD</b>				
11+66.77	RT	343	38	
12+67.12	RT	1162	129	
14+77.72	RT	7796	866	
17+00.00	RT	1348	150	
22+91.52	LT	1891	210	
23+19.83	RT	2657	295	
23+36.80	LT	546	61	
24+09.00	LT	920	102	
24+27.47	RT	127	14	
<b>FRONT STREET</b>				
53+97.02	LT	231	26	
<b>WESLEY STREET</b>				
44+64.02	LT	1724	192	
45+51.07	LT	294	33	
45+93.10	RT	246	27	
45+99.70	LT	203	23	
<b>WESTERN AVENUE</b>				
61+34.50	LT	255	28	
62+90.13	LT	5698	633	
64+59.82	RT	284	32	
65+25.78	RT	179	20	
		TOTAL	2996	

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 SCHEDULE OF QUANTITIES

SCALE: VERT.      DRAWN BY DW  
 HORIZ.              CHECKED BY JLC  
 DATE 6/4/2008

44000300		CURB REMOVAL		
STATION	STATION	LOCATION	LENGTH	
			FT	
<b>MANCHESTER ROAD</b>				
22+26.42	23+79.19	LT	152.77	
22+28.27	24+75.00	RT	246.73	
24+37.59	24+56.30	LT	18.71	
<b>FRONT STREET</b>				
50+99.57	51+60.55	LT	60.98	
<b>WESLEY STREET</b>				
42+61.84	43+15.46	RT	75.00	
<b>WESTERN AVENUE</b>				
60+26.51	60+67.54	LT	41.03	
61+30.95	64+63.62	RT	332.67	
61+50.18	62+58.75	RT (MEDIAN)	114.16	
61+50.18	62+58.75	LT (MEDIAN)	114.74	
62+57.13	62+63.07	LT (DRIVE)	52.38	
62+65.58	62+76.68	LT (DRIVE)	41.48	
63+15.40	63+28.89	LT (DRIVE)	25.55	
63+18.28	64+16.84	RT (MEDIAN)	107.02	
63+18.28	64+16.84	LT (MEDIAN)	107.03	
63+39.94	64+55.97	LT	116.03	
64+92.15	65+40.00	RT	47.85	
65+24.85	65+40.00	LT	15.15	
	TOTAL		1669.28	
	TOTAL (ROUNDED)		1670	

44000500		COMBINATION CURB AND GUTTER REMOVAL		
STATION	STATION	LOCATION	LENGTH	
			FT	
<b>MANCHESTER ROAD</b>				
11+00.00	13+32.05	RT	232.05	
13+32.05	13+62.94	RT (RADIUS)	55.00	
11+00.00	16+50.00	LT	550.00	
16+50.00	20+42.93	LT	392.93	
20+42.93	20+73.15	LT (RADIUS)	45.00	
14+03.72	14+19.87	RT (RADIUS)	20.00	
14+19.87	16+50.00	RT	230.13	
14+21.00	14+75.35	RT (DRIVE)	74.00	
15+06.57	15+32.62	RT (PKLOT)	76.00	
15+11.69	15+16.80	RT (DRIVE)	42.00	
16+57.19	17+05.53	RT (DRIVE)	85.00	
17+28.37	17+59.96	RT (DRIVE)	90.00	
16+50.00	22+22.98	RT	572.98	
22+22.98	22+28.04	RT	5.06	
20+99.74	21+32.84	LT (RADIUS)	48.00	
21+32.84	22+22.98	LT	90.14	
22+22.98	22+26.43	LT	3.45	
23+76.30	23+96.51	LT (DRIVE)	36.00	
23+79.19	24+37.59	LT	58.40	
24+21.89	24+40.44	LT (DRIVE)	32.00	
24+56.30	24+75.00	LT	18.70	
<b>GABLES BOULEVARD</b>				
30+25.00	32+56.56	RT	231.56	
30+72.82	30+86.76	RT (DRIVE)	27.00	
31+09.14	31+20.39	RT (DRIVE)	27.00	
32+00.00	32+55.46	RT (PKLOT)	55.00	
<b>FRONT STREET</b>				
50+05.49	50+28.11	RT (RADIUS)	34.00	
50+28.11	54+70.00	RT	441.89	
52+03.31	52+36.20	LT (RADIUS)	39.00	
52+36.20	54+70.00	LT	233.80	

<b>WESLEY STREET</b>				
43+68.94	46+40.00	RT	271.06	
43+86.35	46+40.00	LT	253.65	
<b>WESTERN AVENUE</b>				
60+15.93	60+52.02	RT	36.09	
60+52.02	60+78.86	RT (RADIUS)	39.00	
60+99.59	61+30.90	RT (RADIUS)	49.00	
61+02.41	61+30.38	LT (RADIUS)	38.00	
61+30.38	63+40.02	LT	209.64	
64+55.97	65+24.85	LT (RADIUS)	54.00	
64+63.61	64+91.78	RT (RADIUS)	47.00	
	TOTAL		4843.53	
	TOTAL (ROUNDED)		4844	

44000600		SIDEWALK REMOVAL		
STATION	STATION	LOCATION	AREA	
			SQ FT	
<b>MANCHESTER ROAD</b>				
11+00.00	11+52.68	RT	349	
11+78.65	12+45.39	RT	323	
12+91.52	13+56.47	RT	316	
14+05.18	14+77.07	RT	385	
15+08.86	16+73.42	RT	781	
17+30.05	22+22.98	RT	2062	
21+00.87	21+23.79	LT	157	
22+22.98	22+99.62	RT	260	
22+80.58	23+93.42	LT	577	
23+35.20	24+75.00	RT	692	
22+79.73	22+98.55	LT	116	
<b>GABLES BOULEVARD</b>				
30+25.00	32+38.10	LT	985	
30+25.00	30+85.53	RT	299	
31+09.47	32+57.25	RT	712	
<b>FRONT STREET</b>				
50+06.00	50+69.04	RT	513	
50+98.92	51+61.31	LT	282	
52+12.79	54+70.00	LT	1124	
<b>WESLEY STREET</b>				
42+61.76	43+16.23	RT	242	
43+51.80	46+40.00	RT	1445	
43+61.30	46+40.00	LT	1310	
<b>WESTERN AVENUE</b>				
60+08.16	60+76.97	RT	356	
61+23.54	62+33.38	RT	666	
61+50.93	62+58.42	Center	507	
63+19.37	64+15.81	Center	476	
64+82.59	65+37.81	RT	321	
64+70.83	65+08.48	LT	85	
62+37.72	62+76.18	LT	189	
<b>IPP</b>				
11+48.42	11+98.04	RT	507	
	TOTAL		16037	

44000700		APPROACH SLAB REMOVAL	
STREET		SQ FT	SQ YD
<b>MANCHESTER/WESLEY (NORTH)</b>			
		952.39	105.82
<b>MANCHESTER/WESLEY (SOUTH)</b>			
		1131.75	125.75
	TOTAL	2084.14	231.57
	TOTAL (ROUNDED)		232

44201383		CLASS C PATCHES, TYPE IV, 12 INCH			
STATION	STATION	WIDTH	AREA		
		FT	SQ FT	SQ YD	
<b>BRIDGE STREET (MANCHESTER ROAD)</b>					
24+75.00	24+83.00	39.00	312.00	34.67	
	TOTAL			34.67	
	TOTAL (ROUNDED)			35	

44201757		CLASS D PATCHES, TYPE III, 9-INCH			
STATION	STATION	WIDTH	AREA		
		FT	SQ FT	SQ YD	
<b>MANCHESTER ROAD</b>					
10+92.00	11+00.00	28.00	224.00	24.89	
<b>FRONT STREET</b>					
54+70.00	54+78.00	22.00	176.00	19.56	
<b>WESLEY STREET</b>					
46+40.00	46+48.00	21.00	168.00	18.67	
<b>WESTERN AVENUE</b>					
65+40.00	65+48.00	23.00	184.00	20.44	
	TOTAL			83.56	
	TOTAL (ROUNDED)			84	

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 SCHEDULE OF QUANTITIES

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 6/4/2008

DRAWN BY DW  
 CHECKED BY JLC

44201759	CLASS D PATCHES, TYPE IV, 9-INCH				
STATION	STATION	WIDTH	AREA		
			SQ FT	SQ YD	
GABLES BOULEVARD					
	30+17.00	30+25.00	30.00	240.00	26.67
BRIDGE STREET (MANCHESTER ROAD)					
	24+75.00	24+83.00	39.00	312.00	34.67
			TOTAL		61.33
			TOTAL (ROUNDED)		62

50104600	CONCRETE RETAINING WALL REMOVAL			
STATION	STATION	LOCATION	LENGTH	
			FT	
MANCHESTER ROAD				
	17+35.37	22+22.98	RT	487.61
	22+22.98	22+42.92	RT	19.94
			TOTAL	507.55
			TOTAL (ROUNDED)	508

55100100	STORM SEWER REMOVAL 4"			
STATION	STATION	LT/RT	LENGTH	
			FT	
MANCHESTER ROAD				
	11+97.72	11+97.09	RT	8
			TOTAL	8

55100200	STORM SEWER REMOVAL 6"			
STATION	STATION	LT/RT	LENGTH	
			FT	
WESTERN AVENUE				
	20+99.49	21+01.70	RT	12
			TOTAL	12

44213200	SAW CUTS			
STATION	STATION	LENGTH		
		FT		
MANCHESTER ROAD				
	10+52.00	11+00.00	72.00	
GABLES BOULEVARD				
	30+17.00	30+25.00	76.00	
FRONT STREET				
	54+70.00	54+78.00	60.00	
WESLEY STREET				
	46+40.00	46+48.00	58.00	
WESTERN AVENUE				
	65+40.00	65+48.00	62.00	
BRIDGE STREET (MANCHESTER ROAD)				
	24+75.00	24+83.00	94.00	
Contingency				
			50.00	
			TOTAL	472

50901720	BICYCLE RAILING		
STATION	STATION	LENGTH	
		FT	
IPP			
	16+66.12	19+00.00	234.00
	16+66.31	19+18.59	252.00
STRUCTURAL (See structural Plans)			
		TOTAL	486
		TOTAL (ROUNDED)	486

54248510	CONCRETE COLLARS						
Drawling *	Pipe No.	DIA. FT	PIPE THICKNESS, FT	LENGTH, FT	HEIGHT, FT	WIDTH, FT	VOLUME, CU YD
Manchester Sheet 1	SS-141	1.50	0.21	2	2.92	2.92	0.4
Manchester Sheet 1	SS-139	1.00	0.17	2	2.34	2.34	0.3
Manchester Sheet 3	SS-144	1.25	0.19	2	2.63	2.63	0.4
Manchester Sheet 3	SS-154	0.83	0.15	2	2.13	2.13	0.3
Manchester Sheet 3	SS-155	0.33	0.14	2	1.61	1.61	0.2
Western Sheet 1	SS-148	0.67	0.14	2	1.95	1.95	0.2
Gables Sheet 1	SS-151	1.00	0.17	2	2.34	2.34	0.3
Gables Sheet 1	SS-153	1.00	0.17	2	2.34	2.34	0.3
Front Sheet 1	SS-152	0.67	0.14	2	1.95	1.95	0.2
				TOTAL	2.6	CU YD	

55100300	STORM SEWER REMOVAL 8"			
STATION	STATION	LT/RT	LENGTH	
			FT	
GARBLES BLV.				
	30+29.12	30+42.14	RT	23
WESLEY STREET.				
	45+56.02	45+56.27	LT/RT	27
	44+26.40	46+40.00	RT	214
FRONT STREET				
	56+56.16	53+55.92	LT/RT	24
	53+55.33	54+57.58	LT	112
WESTERN AVE.				
	64+45.64	64+46.41	LT/RT	8
	64+96.67	64.83+83	LT	33
			TOTAL	441

48100300	AGGREGATE SHOULDERS, TYPE A 4"				
STATION	STATION	LT/RT	WIDTH	AREA	
			FT	SQ FT	SQ YD
IPP					
	11+48.00	11+98.00	RT	2.00	11.11
	11+48.00	11+98.00	LT	2.00	11.11
	16+66.00	19+19.00	RT	2.00	56.22
	16+66.00	19+06.00	LT	2.00	53.33
			TOTAL		131.78
			TOTAL (ROUNDED)		132

55039700	STORM SEWERS TO BE CLEANED			
LOCATION	STATION	STATION	LENGTH	
			FT	
Contingency Item				
				100
			TOTAL	100

55100400	STORM SEWER REMOVAL 10"			
STATION	STATION	LT/RT	LENGTH	
			FT	
WESLEY STREET				
	44+19.55	44+23.77	LT/RT	22
	44+23.77	44+26.40	RT	5
FRONT STREET				
	55+55.92	53+55.33	LT	8
MANCHESTER ROAD				
	22+83.48	22+02.19	RT	28
	23+02.33	23+02.19	LT/RT	30
WESTERN AVE.				
	62+91.63	63+12.61	LT	22
			TOTAL	115

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 SCHEDULE OF QUANTITIES

SCALE: VERT.      DRAWN BY DW  
 HORIZ.              CHECKED BY JLC  
 DATE 6/4/2008

55100500 STORM SEWER REMOVAL 12"			
STATION	STATION	LT/RT	LENGTH FT
<b>MANCHESTER ROAD</b>			
11+97.72	12+01.65	RT	4
11+97.72	11+97.01	RT	8
11+97.77	11+97.01	LT	23
14+97.77	12+02.66	LT	5
12+96.08	12+98.00	LT	21
12+96.53	12+98.00	RT	9
12+98.00	12+96.53	RT	137
12+98.01	14+26.40	RT	129
14+25.68	14+26.40	LT	21
14+26.10	14+26.40	RT	9
14+26.40	15+61.70	RT	136
15+60.33	15+61.70	LT	20
15+60.60	15+61.70	RT	9
15+60.60	15+69.26	RT	11
22+94.38	22+02.19	RT	8
22+95.70	22.02.19	RT	21
<b>GARBLES BLV.</b>			
33+31.64	31+60.73	LT/RT	44
31+60.73	30+29.57	LT	132
30+63.26	30+63.28	LT	7
30+63.11	30+63.26	LT/RT	26
30+30.53	30+29.57	LT	10
30+29.57	30+29.12	LT/RT	32
<b>WESTERN AVE.</b>			
46+46.41	64+79.96	LT	59
64+79.96	65+41.67	LT	63
64+83.83	64+79.96	LT	20
63+12.61	64+79.96	LT	165
TOTAL			1129

55100700 STORM SEWER REMOVAL 15"			
STATION	STATION	LT/RT	LENGTH FT
<b>MANCHESTER ROAD</b>			
23+02.19	24+75.24	RT	174
TOTAL			174

55100900 STORM SEWER REMOVAL 18"			
STATION	STATION	LT/RT	LENGTH FT
<b>MANCHESTER ROAD</b>			
11+47.56	11+97.01	RT	51
12+98.00	11+97.01	RT	102
TOTAL			153

56300100 ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS		
LOCATION	STATION	LENGTH FT
Contingency Item		100
TOTAL		100

56400100 FIRE HYDRANTS TO BE MOVED			
STATION	OFFSET	LT/RT	EACH
<b>MANCHESTER ROAD</b>			
14+08.00	30'	RT	1
TOTAL			1

56400500 FIRE HYDRANTS TO BE REMOVED			
STATION	OFFSET	LT/RT	EACH
<b>MANCHESTER ROAD/BRIDGE STREET</b>			
22+77.00	23'	RT	1
<b>WESLEY STREET</b>			
44+85.00	27'	LT	1
<b>WESTERN AVE</b>			
62+53.00	3'	LT	1
TOTAL			3

56500700 DOMESTIC WATER SERVICE BOXES TO BE REMOVED				
ADDRESS	MEASUREMENT	FROM		EACH
<b>WESLEY STREET</b>				
616 W.	44' N 9' W	NE corner of the house		1
619 W.	29' S 16' W	SW corner of the house		1
622 W.	42' N 7' E	NE corner of the porch		1
623 W.	34' S 11' E	SE corner of the house		1
626 W.	38' N	NW corner of the porch		1
627 W.	32' S 12' W	SW corner of the house		1
631 W.	43' S 14' E	SE corner of the house		1
703 W.	87' N 73' E	NE corner of the building		1
<b>FRONT STREET</b>				
617 W.	14' S 7' E	SW corner of the house		1
621 W.	25' S 4' W	SW corner of the house		1
<b>BRIDGE STREET</b>				
100	34' E 62' S	NE corner of the building		1
101	32' W 12' N	SW corner of the house		1
105	43' W 3' S	SW corner of the house		1
TOTAL				13

60109510 PIPE UNDERDRAINS FABRIC LINED TRENCH 4IN						
FROM		TO				
STRUCTURE		STRUCTURE				
STRUCTURE NO.	STATION	OFFSET (FT)	STRUCTURE NO.	STATION	OFFSET (FT)	(L.F.)
<b>MANCHESTER ROAD</b>						
CB-80	11+74	14.80' LT	CB-81	11+56	14.80' LT	18
CB-79	11+94	14.80' LT	CB-80	11+76	14.80' LT	18
CB-78	12+14	14.80' LT	CB-79	11+96	14.80' LT	18
CB-36	12+34	14.80' LT	CB-78	12+16	14.80' LT	18
CB-35	12+54	14.80' LT	CB-36	12+36	14.80' LT	18
CB-14	12+89	14.80' LT	CB-35	12+56	14.80' LT	33
CB-13	13+29	14.80' LT	CB-14	12+91	14.80' LT	38
CB-11	13+79	14.80' LT	CB-13	13+31	14.80' LT	48
CB-9	14+49	14.80' LT	CB-11	13+81	14.80' LT	68
CB-7	15+59	14.80' LT	CB-9	14+51	14.80' LT	108
CB-5	17+19	14.80' LT	CB-7	15+61	14.80' LT	158
CAP	19+73	23.40' LT	CB-5	17+21	14.80' LT	253
CB-12	12+34	14.80' RT	CB-37	12+01	14.80' RT	33
CB-10	13+09	14.80' RT	CB-12	12+36	14.80' RT	73
CAP	13+49	44.32' RT	CB-10	13+11	14.80' RT	54
CB-80	14+49	16.15' RT	CB-15 (GABLES)	32+21	14.80' RT	77
CB-6	15+63	14.80' RT	CB-80	14+51	15.81' RT	112
CB-4	17+19	14.80' RT	CB-6	15+65	14.80' RT	154
CB-3	18+89	14.80' RT	CB-4	17+21	14.80' RT	168
CB-2	19+44	14.80' RT	CB-3	18+91	14.80' RT	53
CB-1	19+89	14.80' RT	CB-2	19+46	14.80' RT	43
CAP	20+07	14.80' RT	CB-1	19+91	14.80' RT	16
CAP	20+07	14.80' RT	CB-21	20+29	14.80' RT	22
CB-21	20+31	14.80' RT	CB-20	20+69	14.80' RT	38
CB-20	20+71	14.80' RT	CB-19	21+14	14.80' RT	39
CB-19	21+16	14.80' RT	CB-43	22+19	14.80' RT	103
CB-43	22+21	14.80' RT	CB-48	22+84	20.65' RT	50
CB-48	22+86	21.02' RT	CB-49	23+59	21.79' RT	69
CB-49	23+61	21.79' RT	CB-50	24+49	21.79' RT	88
CAP	20+85	18.57' LT	CB-42	21+14	14.80' LT	29
CB-42	21+16	14.80' LT	CB-44	22+59	14.80' LT	150
CB-44	22+61	14.80' LT	CB-45	22+69	14.80' LT	10
CB-45	22+71	14.80' LT	CB-46	23+69	14.80' LT	104
CB-46	23+71	14.80' LT	CB-47	24+49	15.34' LT	78

REVISIONS		CITY OF WHEATON MANCHESTER ROAD / WESLEY STREET OVER UNION PACIFIC RAILROAD SCHEDULE OF QUANTITIES
NAME	DATE	
		SCALE: VERT. HORIZ. DATE 6/4/2008
DRAWN BY DW		CHECKED BY JLC



GABLES BOULEVARD						
CAP	32+20	27.41' LT	CB-17	31+61	14.80' LT	61
CB-17	31+59	14.80' LT	CB-41	31+01	14.80' LT	58
CB-41	30+99	14.80' LT	0-2	30+31	14.80' LT	68
CB-15	32+19	14.80' RT	CB-16	31+76	14.80' RT	43
CB-16	31+74	14.80' RT	CB-38	31+26	14.80' RT	48
CB-38	31+24	14.80' RT	CB-39	30+71	14.80' RT	53
CB-39	30+69	14.80' RT	CB-40	30+36	14.80' RT	33
WESLEY STREET						
CAP	41+44	18.80' LT	CB-22	42+69	20.55' LT	128
CB-22	42+71	20.62' LT	CB-63 (WESTERN)	62+54	12.80' LT	174
CAP	43+64	30.43' LT	CB-25	44+09	11.80' LT	52
CB-25	44+11	11.80' LT	CB-27	44+79	11.80' LT	68
CB-27	44+81	11.80' LT	CB-51	45+64	11.80' LT	83
CB-51	45+66	11.80' LT	CB-54	46+14	11.80' LT	48
CB-54	46+16	11.80' LT	CB-53	46+34	11.80' LT	18
CAP	46+40	11.80' LT	CB-53	46+36	11.80' LT	4
CAP	41+77	21.97' RT	CB-23	41+99	24.08' RT	22
CAP	42+55	17.70' RT	CB-24	43+04	12.38' RT	49
CB-24	43+06	12.16' RT	CB-32 (WESTERN)	60+31	12.80' LT	53
CAP	43+59	25.29' RT	CB-26	44+09	11.80' RT	54
CB-26	44+11	11.80' RT	CB-28	44+99	11.80' RT	88
CB-28	45+01	11.80' RT	CB-52	45+64	11.80' RT	63
CB-52	45+66	11.80' RT	CB-55	46+14	11.80' RT	48
CB-55	46+16	11.80' RT	CB-53	46+34	11.80' RT	18
CAP	46+40	11.80' RT	CB-53	46+36	11.80' RT	4
FRONT STREET						
CB-23	50+41	5.45' RT	CB-31	52+59	2.80' RT	218
CB-31	52+61	2.80' RT	CB-34	54+14	11.80' RT	157
CB-34	54+16	11.80' RT	CB-59	54+59	11.80' RT	43
CAP	50+88	18.25' LT	CB-29	50+99	17.54' LT	11
CB-29	51+01	17.41' LT	CB-30	51+59	13.54' LT	58
CAP (WESTERN)	60+63	25.80' RT	CB-61	52+00	30.79' LT	42
CB-61	52+01	29.27' LT	CB-33	52+59	11.80' LT	62
CB-33	52+61	11.80' LT	CB-57	53+59	11.80' LT	98
CB-57	53+61	11.80' LT	CB-58	54+19	11.80' LT	58
CB-58	54+21	11.80' LT	CB-60	54+59	11.80' LT	38
WESTERN AVENUE						
CB-63	62+56	12.80' LT	CB-66	63+99	15.60' LT	143
CB-66	64+01	15.90' LT	CB-70	64+83	25.01' LT	58
CB-70	64+87	24.43' LT	CB-71	65+31	11.95' LT	36
CAP	61+19	30.54' RT	CB-62	62+09	12.80' RT	93
CB-62	62+11	12.80' RT	CB-64	62+69	12.80' RT	58
CB-64	62+71	12.80' RT	CB-65	63+29	12.80' RT	58
CB-65	63+31	12.80' RT	CB-67	63+89	12.80' RT	58
CB-67	63+91	12.80' RT	CB-68	64+39	13.00' RT	49
CB-68	64+41	13.22' RT	CB-69	64+89	16.53' RT	65
CB-69	64+91	16.32' RT	CB-72	65+37	12.80' RT	53
					TOTALS:	5153

60250200 CATCH BASINS TO BE ADJUSTED			
STATION	OFFSET	LT/RT	EACH
Manchester Road			
10+98.59	15.4'	RT	1
11+06.07	14.2'	RT	1
		Total	2

60255500 MANHOLES TO BE ADJUSTED			
STATION	OFFSET	LT/RT	EACH
Manchester Road			
10+97.20	7.4'	RT	1
		Total	1

60500040 REMOVING MANHOLES			
STATION	OFFSET	LT/RT	EACH
MANCHESTER ROAD			
11+96.88	5.96	RT	1
12+98.01	4.76	RT	1
14+26.40	5.24	RT	1
15+61.70	3.91	RT	1
23+02.19	18.16	RT	1
WESLEY STREET			
44+26.40	14.00	RT	1
FRONT STREET			
53+55.33	18.32	LT	1
WESTERN AVENUE			
63+12.61	15.70	LT	1
64+46.41	39.90	RT	1
64+79.96	4.54	RT	1
		TOTAL	10

60500050 REMOVING CATCH BASINS			
STATION	OFFSET	LT/RT	EACH
MANCHESTER ROAD			
11+97.72	13.61	RT	1
11+97.77	15.37	LT	1
12+01.65	13.63	RT	1
12+02.66	15.29	LT	1
12+96.08	15.69	LT	1
12+96.53	12.96	RT	1
14+25.68	15.63	LT	1
14+26.10	13.95	RT	1
15+60.60	12.77	RT	1
15+60.33	16.05	LT	1
22+94.38	21.62	RT	1
23+02.33	11.33	LT	1
GABLES BOULEVARD			
30+29.12	15.22	RT	1
30+29.57	16.59	LT	1
30+63.11	14.53	RT	1
30+63.26	10.99	LT	1
WESLEY STREET			
44+19.55	11.84	LT	1
44+23.77	9.78	RT	1
45+56.02	10.82	LT	1
45+70.83	10.57	RT	1
FRONT STREET			
53+56.16	12.86	RT	1
53+55.92	10.45	LT	1
WESTERN AVENUE			
62+91.63	22.31	LT	1
64+96.67	15.37	RT	1
64+83.83	14.82	LT	1
Estimated Inlets Counted as CB's			5
TOTAL			30

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 SCHEDULE OF QUANTITIES

SCALE: VERT.  
 HORIZ.  
 DATE 6/4/2008

DRAWN BY DW  
 CHECKED BY JLC

60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12			
STATION	STATION	LOCATION	LENGTH
			FT
<b>MANCHESTER ROAD</b>			
11+00.00	19+24.77	LT	824.77
19+24.77	19+73.28	LT	49.53
20+84.95	21+00.95	LT	16.61
11+00.00	11+46.47	RT	46.47
11+46.47	11+87.06	RT	40.59
11+87.06	12+41.32	RT	54.26
12+41.32	12+92.91	RT	51.59
12+92.91	13+15.80	RT	22.89
14+04.89	14+59.01	RT (TST PKLOT)	152
15+20.58	15+30.66	RT (TST PKLOT)	69
15+54.42	15+49.93	RT (TST PKLOT)	127.00
14+59.01	15+49.93	RT	90.92
15+49.93	22+23.80	RT	673.87
16+93.87	17+59.87	RT (DW)	66.00
21+00.95	22+22.98	LT	122.03
22+22.98	22+76.53	LT	63.55
22+76.53	23+07.67	LT	35.80
23+07.67	23+25.89	LT	18.22
23+25.89	23+47.72	LT	21.83
22+23.78	22+81.05	RT	45.67
22+81.05	22+92.10	RT	11.05
22+92.10	23+45.63	RT	51.60
23+45.63	24+12.17	RT	66.54
24+12.17	24+34.47	RT	22.30
24+34.47	24+75.00	RT	40.53
23+47.72	23+80.26	LT	32.54
23+80.26	24+38.97	LT	58.71
24+38.97	24+45.00	LT	6.03
24+45.00	24+75.00	LT	30.00
<b>WESLEY STREET</b>			
41+44.62	41+77.00	LT	36.27
41+77.00	42+17.66	LT	40.66
42+17.66	42+75.99	LT	58.33
42+55.07	43+07.22	RT	52.50
43+85.40	45+83.68	RT	198.28
45+83.68	46+02.51	RT	18.83
46+02.51	46+40.00	RT	37.49
43+97.17	44+54.61	LT	57.44
44+54.61	44+73.44	LT	18.83
44+73.44	45+41.65	LT	68.21
45+41.65	45+60.48	LT	18.83
45+60.48	45+90.29	LT	29.81
45+90.29	46+09.12	LT	18.83
46+09.12	46+40.00	LT	30.88
<b>WESTERN AVENUE</b>			
60+19.72	60+38.24	RT	18.90
61+95.92	64+44.32	RT	250.80
64+44.32	64+69.09	RT	32.59
64+69.09	64+88.57	RT	26.00
64+88.57	65+16.17	RT	34.44
65+16.17	65+35.00	RT	18.83
65+35.00	65+40.00	RT	5.00
60+27.61	60+67.30	LT	39.90
61+51.50	61+81.63	LT	30.04
61+81.63	62+56.58	LT	74.95
62+56.58	63+24.17	LT	67.59
62+57.13	62+58.72	LT(PKLOT)	66.14
62+67.27	62+75.13	LT(PKLOT)	40.38
63+22.89	63+28.88	LT(PKLOT)	44.00
63+24.17	63+65.75	LT	41.58
63+65.75	64+54.72	LT	80.54
64+54.72	65+36.46	LT	57.59
65+36.46	65+40.00	LT	3.54

GABLES BOULEVARD			
STATION	STATION	LOCATION	LENGTH
			FT
30+25.00	30+67.92	RT	42.92
30+67.92	31+24.46	RT	56.54
31+24.46	32+25.29	RT	100.83
30+71.50	30+85.27	RT (ENTRANCE)	34.54
31+10.41	31+23.17	RT (ENTRANCE)	32.10
30+32.50	30+39.21	LT	6.71
30+39.21	30+90.79	LT	51.58
30+90.79	31+67.11	LT	76.32
<b>FRONT STREET</b>			
50+18.95	50+63.65	RT	46.10
50+63.65	53+26.13	RT	262.48
53+26.13	53+35.13	RT	12.73
53+35.13	53+81.87	RT	46.74
53+81.87	54+36.72	RT	55.34
54+36.72	54+70.00	RT	33.28
50+85.83	50+88.30	LT	12.40
50+88.30	51+62.24	LT	74.10
52+56.18	53+81.45	LT	125.27
53+81.45	54+12.61	LT	30.88
54+12.61	54+36.72	LT	23.89
54+36.72	54+70.00	LT	33.28
<b>MANCHESTER/GABLES INTERSECTION</b>			
13+15.80	13+50.47	SW	50.17
13+50.47	13+45.24	SW	55.72
13+90.45	14+22.23	SE	46.46
14+22.23	14+59.01	SE	37.57
<b>WESLEY/WESTERN INTERSECTION</b>			
42+75.99	43+18.99	NW	67.70
43+07.22	43+18.30	SW	16.83
43+53.58	43+85.40	SE	57.73
43+44.82	43+60.52	NE	75.07
43+60.52	43+97.17	NE	46.14
<b>WESTERN/FRONT INTERSECTION</b>			
60+23.48	60+27.61	NW	9.30
60+19.72	60+03.24	NE	18.70
60+03.24	0+00.00	NE	41.36
<b>TOTAL</b>			6210.7
<b>TOTAL (ROUNDED)</b>			6210.5

66410200 CHAIN LINK FENCE (SPECIAL)			
STATION	STATION	LOCATION	LENGTH
			FT
<b>MANCHESTER ROAD</b>			
16+72.00	17+02.00	RT	70
19+15.00	19+29.00	RT	28
<b>TOTAL</b>			98
<b>TOTAL (ROUNDED)</b>			98

66411900 TEMPORARY FENCE			
STATION	STATION	LOCATION	LENGTH
			FT
<b>MANCHESTER ROAD</b>			
10+50.00	22+96.00	LT	1320
<b>MANCHESTER ROAD</b>			
19+25.00	21+00.00	-	250
16+75.00	0+00.00	RT	70
19+20.00	0+00.00	RT	30
<b>WESLEY STREET</b>			
42+00.00	42+00.00	-	60
<b>MANCHESTER ROAD TO FRONT STREET</b>			
19+25.72	55+20.00	LT	700
<b>IPP PATH</b>			
SOUTH SIDE			20
NORTH SIDE			20
Fence at Project Limits During Staging			320
Contingency			200
<b>TOTAL</b>			2990

66600105 FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS		
STATION	LT/RT	EACH
<b>MANCHESTER ROAD</b>		
RT		8
LT		7
<b>WESLEY STREET</b>		
-		4
<b>WESTERN AVENUE</b>		
RT		2
LT		2
RT		2
<b>TOTAL</b>		25

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 SCHEDULE OF QUANTITIES

SCALE: VERT.      DRAWN BY DW  
 HORIZ.              CHECKED BY JLC  
 DATE 6/4/2008

67000400	ENGINEER'S FIELD OFFICE, TYPE A		
	TOTAL	18	CAL MO

67000600	ENGINEER'S FIELD LABORATORY		
	TOTAL	18	CAL MO

67100100	MOBILIZATION		
	TOTAL	1	LUMP SUM

70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)		
	TOTAL	1	LUMP SUM

70400100	TEMPORARY CONCRETE BARRIER		
LOCATION	STATION	STATION	LENGTH
			FT
Contingency Item			50.00
		TOTAL	50

70400200	RELOCATE TEMPORARY CONCRETE BARRIER		
LOCATION	STATION	STATION	LENGTH
			FT
Contingency Item			50.00
		TOTAL	50

78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS		
INTERSECTION	AREA	DESCRIPTION	
	SQ FT		
WESTERN/FRONT	36.4	1 (ONL Y+ARROW)	
WESLEY/WESTERN(EAST)	46.8	1 (ONL Y+ RIGHT+THROUGH ARROW)	
	36.4	1 (ONL Y+ARROW)	
WESLEY/WESTERN(WEST)	36.4	1 (ONL Y+ARROW)	
TOTAL	156		

78000200	THERMOPLASTIC PAVEMENT MARKING LINE, 4"			
STATION	STATION	LENGTH	OFFSET	
		FT		
THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID DOUBLE YELLOW				
MANCHESTER ROAD				
11+00.00	19+68.00	1736.00		
20+82.89	24+75.00	784.20		
GABLES BOULEVARD				
30+25.00	32+38.86	427.70		
WESLEY STREET				
41+74.20	42+17.57	85.32	RT	
42+17.57	42+78.00	120.90		
42+78.09	43+09.31	62.40	LT	
43+09.29	43+09.31	18.85	LT	
42+17.69	43+09.31	183.20	RT	
WESTERN AVENUE				
61+33.20	65+40.00	813.60		
			SUB TOTAL	
		4232.17		
THERMOPLASTIC PAVEMENT MARKING LINE, 4" WHITE SKIP 10' DASH, 30' SKIP				
WESLEY STREET				
44+15.24	46+40.00	60.00		
			SUB TOTAL	
		60.00		
THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID SINGLE WHITE				
FRONT STREET				
53+35.13	54+55.15	77.00	RT	
			SUB TOTAL	
		77.00		
			TOTAL	
		4369.17		
			TOTAL (ROUNDED)	
		4369		

78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6 IN		
STATION	STATION	LENGTH	FT
THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE TURN LANE LINES			
WESLEY STREET			
		59.57	
			SUB TOTAL
		59.57	
THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE CROSSWALK LINES			
GABLES BOULEVARD			
		137.90	
WESLEY STREET			
		45.40	
FRONT STREET			
		33.31	
			SUB TOTAL
		216.61	
			TOTAL
		276.18	
			TOTAL (ROUNDED)
		276	

78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8 IN	
LOCATION	STATION	LENGTH
		FT
WESLEY STREET	43+60.21	73.59
	TOTAL	73.59
	TOTAL (ROUNDED)	74

78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12 IN		
WHITE MEDIAN DIAGONAL STRIPES			
LOCATION	STATION	STATION	LENGTH
			FT
WESLEY STREET	43+46.39	43+53.75	9.39
	43+50.55	43+53.75	5.15
	43+58.32	43+61.29	4.11
	43+59.13	43+61.29	3.13
			SUBTOTAL
			22
YELLOW MEDIAN DIAGONAL STRIPES			
WESLEY STREET	42+37.89	42+39.48	2.12
	42+46.40	42+49.46	4.07
	42+55.14	42+59.44	5.71
	42+63.89	42+69.42	7.35
	42+72.63	42+79.39	8.99
	42+82.12	42+89.37	9.65
	42+92.84	42+99.35	8.65
	43+03.57	43+09.33	7.66
			SUBTOTAL
			54.20
			TOTAL
			75.98
			TOTAL (ROUNDED)
			76

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 SCHEDULE OF QUANTITIES

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 6/4/2008

DRAWN BY DW  
 CHECKED BY JLC

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24 IN		
LOCATION	STATION	LENGTH FT
MANCHESTER ROAD	19+68.00	14.00
GABLES BOULEVARD	32+42.37	19.18
WESTERN AVENUE	60+18.40 61+33.20	58.21 18.16
	TOTAL	109.55
	TOTAL (ROUNDED)	110

78003150 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12 IN			
	STATION	STATION	LENGTH FT
WESLEY STREET	40+14.52	40+20.31	8.18
	40+19.43	40+20.31	2.24
	40+21.59	40+26.36	6.75
	40+24.62	40+26.36	4.45
	40+28.66	40+32.37	5.25
	40+30.89	40+32.37	3.79
	40+35.73	40+37.48	2.47
	40+36.47	40+37.48	2.60
	40+42.80	40+43.56	1.08
	40+43.18	40+43.56	0.98
	40+49.88	40+50.02	0.21
	40+49.95	40+50.02	0.19
	TOTAL		38.19
	TOTAL (ROUNDED)		38

78004180 PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 24 IN		
	STATION	LENGTH FT
MANCHESTER ROAD	20+82.87	19.37
WESLEY STREET	40+40.08 40+55.19	12.00 12.00
	TOTAL	43.37
	TOTAL (ROUNDED)	43

78003110 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4 IN		
STATION	STATION	LENGTH FT
WESLEY STREET	40+54.19 41+05.57	102.80 133.14
	TOTAL	235.94
	TOTAL (ROUNDED)	236

78004100 PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LETTERS AND SYMBOLS		
INTERSECTION	DESCRIPTION	AREA SQ FT
MANCHESTER/WESLEY	2 (ONLY 1 ARROW)	72.8
	TOTAL	72.8
	TOTAL (ROUNDED)	73

78100100 RAISED REFLECTIVE PAVEMENT MARKER					
LOCATION	STATION	STATION	LENGTH FT	EACH	EACH
MANCHESTER ROAD	11+00.00 22+50.00	24+75.00	687.50	8,59375	9
GABLES BOULEVARD	30+25.00	32+76.60	125.80	1,5725	2
WESLEY STREET	41+63.77 43+45.22 43+75.22	43+75.23 46+40.00	105.73 132.39	2,64325 1,654875	3 4 2
WESTERN AVENUE	61+33.20	65+40.00	203.40	2,5425	3
		TOTAL			24

78003140 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8 IN			
	STATION	STATION	LENGTH
WESLEY STREET	40+12.68	40+16.91	8.48
	40+12.68	40+57.62	44.93
	40+16.91	40+27.68	10.99
	40+27.68	40+55.19	29.63
	TOTAL		94.03
	TOTAL (ROUNDED)		94

78004130 PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 6"		
STATION	STATION	LENGTH FT
WESLEY STREET	40+58.08 41+05.57	47.49 55.33
MANCHESTER ROAD	20+71.91	80.28
	TOTAL	183.10
	TOTAL (ROUNDED)	183

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 SCHEDULE OF QUANTITIES

SCALE: VERT.      DRAWN BY DW  
 HORIZ.              CHECKED BY JLC  
 DATE 6/4/2008



78100105 RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)					
LOCATION	STATION	STATION	LENGTH FT	EACH	EACH
WESLEY STREET	40+54.19	41+63.77	54.79	1,369.75	2
	43+45.22			8	8
			TOTAL		10

X0323564 INSTALL WATER VALVES			
STATION	OFFSET	LT/RT	EACH
MANCHESTER ROAD			
23+60.51	13'	RT	1
GABLES BLVD			
32+40.00	11'	LT	1
32+51.00	12'	LT	1
WESTERN AVE			
61+02.00	25'	RT	1
61+25.00	9'	LT	1
64+78.29	24'	RT	1
	TOTAL		6

X0323988 TEMPORARY SOIL RETENTION SYSTEM			
LENGTH/WIDTH	DEPTH	SHAPE FACTOR	AREA SF
JACKING AND RECEIVING PITS			
23' DEPTH see Manchester XS at sta 21+75 elev approx 740.00			
19' DEPTH see Wesley XS at sta 43+00 elev approx 740.00			
RECEIVING PIT			
24	23	1	552.00
15	23	1	345.00
15	23	1	345.00
24	23	1	552.00
JACKING PIT			
20	20	1	400.00
20	20	1	400.00
20	20	1	400.00
20	20	1	400.00
	TOTAL		3394

X0321556 SANITARY MANHOLES TO BE ADJUSTED			
STATION	OFFSET	LT/RT	EACH
Manchester Road			
11+54.57	22.6'	RT	1
15+13.42	31.1	RT	1
22+97.27	21.2	LT	1
23+50.15	13.6	LT	1
Wesley Street			
45+70.83	10.6	RT	1
45+72.13	3.9	LT	1
Western Avenue			
64+83.64	13.7	RT	1
	Total		7

X0323973 SEDIMENT CONTROL, SILT FENCE				
STREET	STATION	STATION	OFFSET	LENGTH
MANCHESTER ROAD				
	15+50.00	19+50.00	RT	401.83
	23+10.11	23+29.30	LT	52.11
	23+44.30	23+96.50	LT	81.88
WESLEY STREET				
	40+89.96	42+89.16	LT	221.25
	44+25.57	44+50.00	RT	75.18
WESTERN AVENUE				
	61+21.49	62+28.07	LT	107.95
FRONT STREET				
	52+64.44	53+83.64	LT	121.56
ILLINOIS PRAIRIE PATH				
	16+16.33	19+18.59	RT	321.21
	14+45.04	14+67.43	RT	22.72
		South Side IPP RT		200.00
		South Side IPP LT		200.00
		TOTAL		1806

X0322859 WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE		
Project Area	LB	
	300	
	TOTAL	300

X0324451 INSTALL WATER SERVICE COMPLETE			
ADDRESS	MEASUREMENT	FROM	EACH
WESLEY STREET			
616 W.	44' N 9' W	NE corner of the house	1
619 W.	29' S 16' W	SW corner of the house	1
622 W.	42' N 7' E	NE corner of the porch	1
623 W.	34' S 11' E	SE corner of the house	1
626 W.	38' N	NW corner of the porch	1
627 W.	32' S 12' W	SW corner of the house	1
631 W.	43' S 14' E	SE corner of the house	1
703 W.	87' N 73' E	NE corner of the building	1
FRONT STREET			
617 W.	14' S 7' E	SW corner of the house	1
621 W.	25' S 4' W	SW corner of the house	1
BRIDGE STREET			
100	34' E 62' S	NE corner of the building	1
101	32' W 12' N	SW corner of the house	1
105	43' W 3' S	SW corner of the house	1
	TOTAL		13

X0323449 REMOVE EXISTING WATER VALVE			
STATION	OFFSET	LT/RT	EACH
GABLES BLVD			
32+40.00	11'	LT	1
32+51.00	12'	LT	1
WESTERN AVE			
61+02.00	25'	RT	1
61+25.00	9'	LT	1
	TOTAL		4

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 SCHEDULE OF QUANTITIES

SCALE: VERT.      DRAWN BY DW  
 HORIZ.              CHECKED BY JLC  
 DATE 6/4/2008

X0712400 TEMPORARY PAVEMENT					
STREET	STATION	STATION	SIDE	SQ FT	SQ YD
MANCHESTER ROAD	13+96.12	14+78.25	RT	1699.60	188.84
Contingency					94.42
				TOTAL	284

XX000541 EXPLORATORY EXCAVATION			
LOCATION	STATION	STATION	Volume CY
Estimated Quantity			10
		TOTAL	10

X2110100 TOPSOIL FURNISH AND PLACE, SPECIAL				
	AREA		VOLUME	
	SQ FT	SQ YD	CU YD	
SODDING, SALT TOLERANT		4792.80	532.53	
SEEDING, CLASS 1	19836.08	2204.01	244.89	
SEEDING, CLASS 2A	2028.74	225.42	25.05	
SEEDING, CLASS 3	45583.05	5064.78	562.75	
	TOTAL	12287.01	1365.22	
	TOTAL (ROUNDED)	12288	1366	

XX000714 FENCE TO BE REMOVED AND RE-ERECTED				
STATION	STATION	LOCATION	LENGTH FT	
FRONT STREET	50+69.06	54+70.00	RT	401
		TOTAL	401	

XX005434 WATER SERVICE LINE, SPECIAL			
ADDRESS	MEASUREMENT	FROM	LENGTH FEET
WESLEY STREET			
616 W.	44' N 9'	NW corner of the house	50
619 W.	29' S 16' W	SW corner of the house	20
622 W.	42' N 7' E	NE corner of the porch	50
623 W.	34' S 11' E	SE corner of the house	20
626 W.	38' N	NW corner of the porch	50
627 W.	32' S 12' W	SW corner of the house	20
631 W.	43' S 14' E	SE corner of the house	20
703 W.	87' N 73' E	NE corner of the buildin	20
FRONT STREET			
617 W.	14' S 7' E	SW corner of the house	20
621 W.	25' S 4' W	SW corner of the house	20
BRIDGE STREET			
100	34' E 62' S	NE corner of the buildin	20
101	32' W 12' N	SW corner of the house	45
105	43' W 3' S	SW corner of the house	45
	TOTAL		400

XX002012 RELOCATE SIGN, SPECIAL		
LOCATION		EACH
Manchester Road/Gables BLVD		1
	Total	1

X5640175 FIRE HYDRANT COMPLETE			
STATION	OFFSET	LT/RT	EACH
MANCHESTER ROAD/BRIDGE STREET			
22+80.00	30'	RT	1
WESLEY STREET			
44+85.00	25'	LT	1
WESTERN AVE			
63+35.00	18'	LT	1
	TOTAL		3

XXXXXXX DUCTILE IRON WATER MAIN, 12" CLASS 52, WITH POLYETHYLENE ENCASEMENT		
STATION	STATION	LENGTH FT
Western Ave		
60+00.00	61+10.00	120
Front Street		
52+10.00	54+70.00	260
	TOTAL	380

XX005463 ADJUST FIRE HYDRANT WITH AUXILIARY VALVE			
STATION	OFFSET	LT/RT	EACH
FRONT STREET			
54+53.00	19'	LT	1
	TOTAL		1

XX000052 REMOVE EXISTING WATERMAIN			
STATION	STATION	LOCATION	LENGTH FT
Manchester Road/Bridge Street			
22+67.00	23+64.00	RT	105.00
Western Ave			
61+05.00	64+80.00	LT	400.00
60+00.00	61+05.63	RT	115.00
Wesley Street			
43+54.25	46+40.00	LT	290.00
Front Street			
52+10.00	54+70.00	LT	260.00
Connections to Hydrants			50.00
	TOTAL		1220

XXXXXXX DUCTILE IRON WATER MAIN, 8" CLASS 52, WITH POLYETHYLENE ENCASEMENT		
STATION	STATION	LENGTH FT
Manchester Road/Bridge Street		
22+67.00	23+64.00	105
Western Ave		
61+10.00	64+80.00	385
Wesley Street		
43+31.00	46+40.00	310
	TOTAL	800

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 SCHEDULE OF QUANTITIES

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 6/4/2008

DRAWN BY DW  
 CHECKED BY JLC

XX005656 INLET FILTER CLEANING					
STREET	STRUCTURE NO.	STATION	OFFSET (FT)	LT/RT	EACH
MANCHESTER ROAD	CB-1	19+89.71	15.00'	RT	2
MANCHESTER ROAD	CB-10	13+09.89	15.00'	RT	2
MANCHESTER ROAD	CB-11	13+79.82	15.00'	LT	2
MANCHESTER ROAD	CB-12	12+34.88	15.00'	RT	2
MANCHESTER ROAD	CB-13	13+29.78	15.00'	LT	2
MANCHESTER ROAD	CB-14	12+89.84	15.00'	LT	2
GABLES BOULEVARD	CB-15	32+25.00	15.00'	LT	2
GABLES BOULEVARD	CB-16	31+75.00	15.00'	LT	2
GABLES BOULEVARD	CB-17	31+60.00	15.00'	LT	2
MANCHESTER ROAD	CB-19	21+15.00	15.00'	RT	2
MANCHESTER ROAD	CB-2	19+45.36	15.00'	RT	2
MANCHESTER ROAD	CB-20	20+69.66	15.00'	RT	2
MANCHESTER ROAD	CB-21	20+30.09	15.00'	RT	2
WESLEY STREET	CB-22	42+70.00	20.80'	LT	2
WESLEY STREET	CB-23	41+60.00	23.00'	RT	2
WESLEY STREET	CB-24	43+05.00	12.47'	RT	2
WESLEY STREET	CB-25	44+10.00	12.00'	LT	2
WESLEY STREET	CB-26	44+10.00	12.00'	RT	2
WESLEY STREET	CB-27	44+80.00	12.00'	LT	2
WESLEY STREET	CB-28	45+00.00	12.00'	RT	2
FRONT STREET	CB-29	51+00.00	17.70'	LT	2
MANCHESTER ROAD	CB-3	18+89.89	15.00'	RT	2
FRONT STREET	CB-30	51+60.00	13.70'	LT	2
FRONT STREET	CB-31	52+60.00	3.00'	RT	2
FRONT STREET	CB-32	51+63.23	20.46'	LT	2
FRONT STREET	CB-33	52+60.00	12.00'	LT	2
FRONT STREET	CB-34	54+15.00	12.00'	RT	2
MANCHESTER ROAD	CB-35	12+55.27	15.00'	LT	2
MANCHESTER ROAD	CB-36	12+34.77	15.00'	LT	2
MANCHESTER ROAD	CB-37	12+00.05	15.00'	RT	2
GABLES BOULEVARD	CB-38	31+25.00	15.00'	RT	2
GABLES BOULEVARD	CB-39	30+70.00	15.00'	RT	2
MANCHESTER ROAD	CB-4	17+20.11	15.00'	RT	2
GABLES BOULEVARD	CB-40	30+35.00	15.90'	RT	2
GABLES BOULEVARD	CB-41	31+00.00	15.00'	LT	2
MANCHESTER ROAD	CB-42	21+15.31	15.00'	LT	2
MANCHESTER ROAD	CB-43	22+19.94	15.00'	RT	2
MANCHESTER ROAD	CB-44	22+59.87	15.00'	LT	2
MANCHESTER ROAD	CB-45	22+70.04	15.00'	LT	2
MANCHESTER ROAD	CB-46	23+69.78	15.00'	LT	2
MANCHESTER ROAD	CB-47	24+50.35	15.63'	LT	2
MANCHESTER ROAD	CB-48	22+85.49	21.10'	RT	2
MANCHESTER ROAD	CB-49	23+60.17	22.00'	RT	2
MANCHESTER ROAD	CB-5	17+19.79	15.00'	LT	2
MANCHESTER ROAD	CB-50	24+50.11	22.00'	RT	2
WESLEY STREET	CB-51	45+65.00	12.00'	LT	2
WESLEY STREET	CB-52	45+65.00	12.00'	RT	2
WESLEY STREET	CB-53	46+35.00	12.00'	LT	2
WESLEY STREET	CB-54	46+15.00	12.00'	LT	2
WESLEY STREET	CB-55	46+15.00	12.00'	RT	2
WESLEY STREET	CB-56	46+35.00	12.00'	RT	2
FRONT STREET	CB-57	53+60.00	12.00'	LT	2
FRONT STREET	CB-58	54+20.00	12.00'	LT	2
FRONT STREET	CB-59	54+60.00	12.00'	RT	2
MANCHESTER ROAD	CB-6	15+69.69	15.00'	RT	2
FRONT STREET	CB-60	54+60.00	12.00'	LT	2
FRONT STREET	CB-61	52+00.59	30.17'	LT	2

WESTERN AVENUE	CB-62	62+10.00	13.00'	RT	2
WESTERN AVENUE	CB-63	62+55.00	13.00'	LT	2
WESTERN AVENUE	CB-64	62+70.00	13.00'	RT	2
WESTERN AVENUE	CB-65	63+30.00	13.00'	RT	2
WESTERN AVENUE	CB-66	64+00.00	16.00'	LT	2
WESTERN AVENUE	CB-67	63+90.00	13.00'	RT	2
WESTERN AVENUE	CB-68	64+40.00	14.35'	RT	2
WESTERN AVENUE	CB-69	64+90.00	16.60'	RT	2
MANCHESTER ROAD	CB-7	15+60.03	15.00'	LT	2
WESTERN AVENUE	CB-70	64+85.00	24.90'	LT	2
WESTERN AVENUE	CB-71	65+35.00	11.90'	LT	2
WESTERN AVENUE	CB-72	65+38.00	13.00'	RT	2
WESTERN AVENUE	CB-76	62+35.00	34.00'	LT	2
WESTERN AVENUE	CB-77	64+00.00	26.00'	LT	2
MANCHESTER ROAD	CB-78	12+14.98	15.00'	LT	2
MANCHESTER ROAD	CB-79	11+95.02	15.00'	LT	2
MANCHESTER ROAD	CB-8	14+49.95	16.19'	RT	2
MANCHESTER ROAD	CB-80	11+74.51	15.00'	LT	2
MANCHESTER ROAD	CB-81	11+54.02	15.00'	LT	2
WESLEY STREET	CB-82	44+50.00	46.00'	LT	2
WESLEY STREET	CB-83	45+30.00	30.00'	LT	2
WESLEY STREET	CB-84	45+90.00	28.00'	LT	2
MANCHESTER ROAD	CB-85	15+25.00	25.00'	LT	2
WESLEY STREET	CB-86	44+90.00	33.00'	LT	2
MANCHESTER ROAD	CB-89	22+79.00	54.78'	LT	2
GABLES BOULEVARD	CB-89	30+50.00	27.00'	LT	2
MANCHESTER ROAD	CB-9	14+49.77	15.00'	LT	2
TOTAL					168

XX006261 STEEL CASING PIPE AUGERED AND JACKED 20		
STATION	STATION	LENGTH FT
Manchester under UPRR		
		101
TOTAL		101

XX011700 WATER MAIN FITTINGS			
LOCATION	STATION	STATION	POUND
Contingency Item			1000
TOTAL			1000

Z0001050 AGGREGATE SUBGRADE 12"					
STATION	STATION	LENGTH FT	WIDTH FT	SURFACE AREA SQ FT SQ YD	
MANCHESTER STREET					
11+00.00	19+77.32	877.32	33.166	29097.20	3233.02
19+24.77	19+77.32			179.70	19.97
20+80.98	22+22.98	142.00	33.166	4709.57	523.29
20+80.98	21+01.07			43.86	4.87
22+22.98	22+99.09			2688.45	298.72
22+99.09	24+75.00	175.91	40.166	7065.60	785.07
24+45.00	24+75.00			60.69	6.74
GABLES BOULEVARD					
30+25.00	31+67.11	142.11	33.166	4713.22	523.69
30+25.00	30+69.38			26.30	2.92
31+67.11	32+59.08			4411.75	490.19
WESLEY STREET					
41+57.42	42+54.49			4948.89	549.88
42+54.49	43+97.17			4781.42	531.27
43+97.17	46+40.00	242.83	27.165	6596.48	732.94
FRONT STREET					
50+88.30	51+62.24			1639.62	182.18
51+62.24	52+56.18			2484.49	276.05
52+56.18	53+34.06	77.88	18.165	1414.69	157.19
53+25.06	53+34.06			40.52	4.50
53+34.06	54+70.00	135.94	27.166	3692.95	410.33
WESTERN AVENUE					
60+27.11	60+74.72			2066.41	229.60
61+06.78	61+95.92			3947.15	438.57
61+95.92	63+65.75	169.83	29.167	4953.43	550.38
63+65.75	65+40.00			6215.65	690.63
TOTAL				10642	

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 SCHEDULE OF QUANTITIES

VERT. SCALE: HORIZ. DATE: 6/4/2008

DRAWN BY DW  
 CHECKED BY JLC

Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	
		EACH
Contingency Item		10
	TOTAL	10

Z0019600	DUST CONTROL WATERING	
LOCATION		UNITS
Gables, Front, Manchester, Western, Wesley		
1 unit per block/street = 5 blocks		
20 applications		100
	TOTAL	100

Z0022800	FENCE REMOVAL	
STATION	LOCATION	LENGTH
		FT
MANCHESTER ROAD		
17+70.98	RT	89.00
19+18.61	RT	20.00
21+17.96	RT	16.00
	TOTAL	125

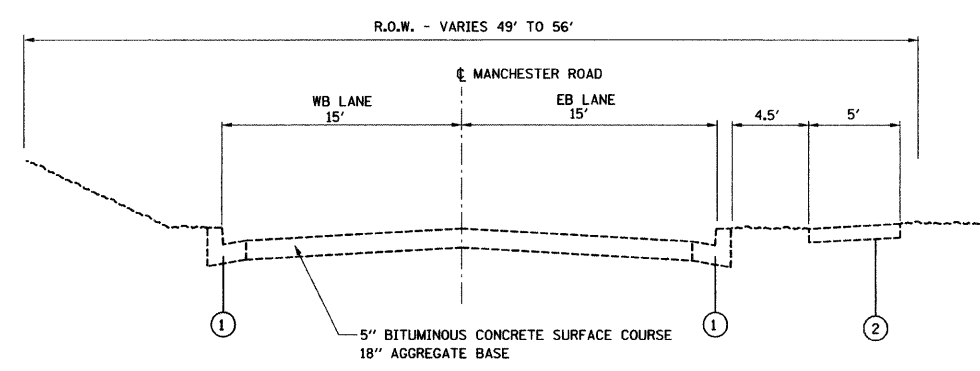
Z0076600	TRAINEES	
TRAINEES	HRS/TRAINEE	TOTAL
		(HRS)
4	500	2000
	TOTAL	2000

REVISIONS	
NAME	DATE

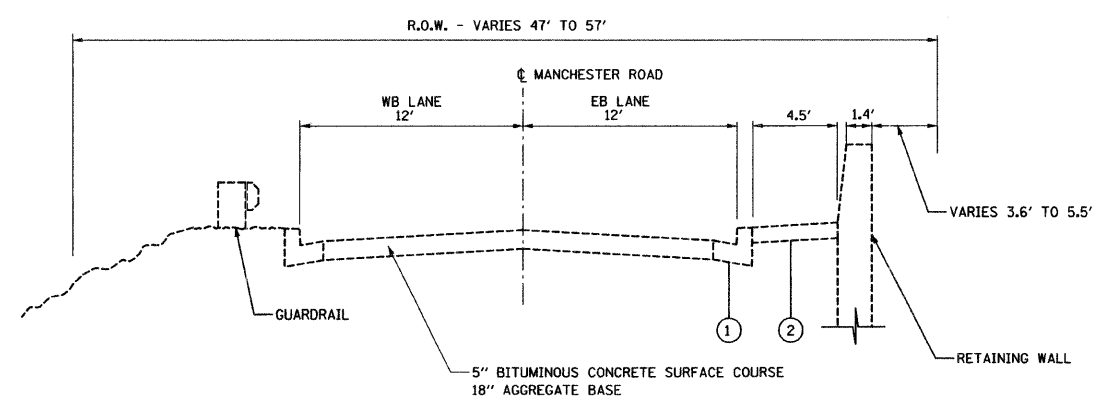
CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 SCHEDULE OF QUANTITIES

SCALE: VERT.      DRAWN BY DW  
 HORIZ.              CHECKED BY JLC  
 DATE 6/4/2008



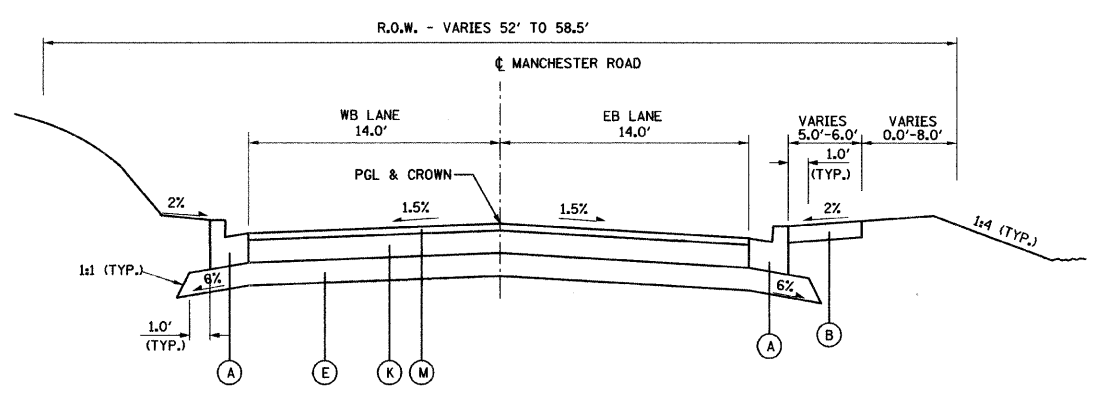


**EXISTING MANCHESTER ROAD NEAR GABLES BOULEVARD**  
STA 11+00 TO STA 17+35

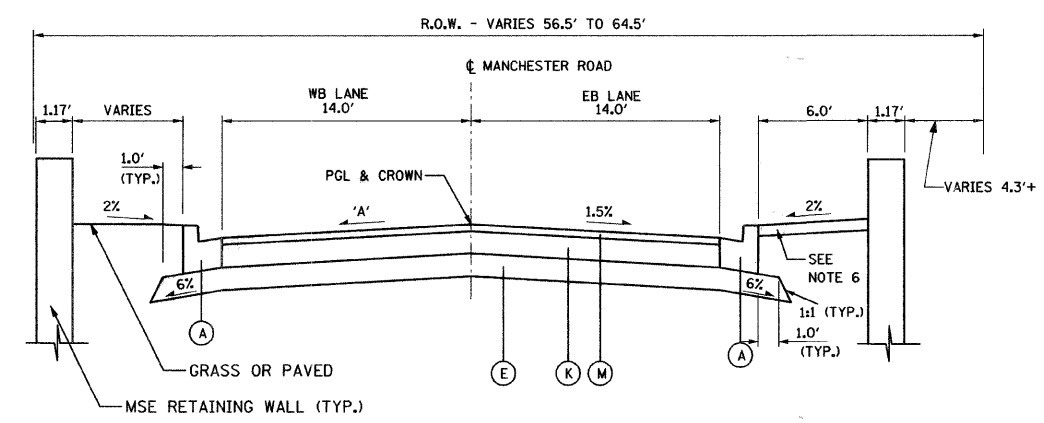


**EXISTING MANCHESTER ROAD NEAR UPRR BRIDGE**  
STA 17+35 TO STA 22+43

- EXISTING LEGEND**
- ① COMBINATION CONC. CURB & GUTTER, TYPE B-6.12
  - ② PORTLAND CEMENT CONCRETE SIDEWALK, 4"



**PROPOSED MANCHESTER ROAD**  
STA 11+00.00 TO STA 16+00.00 RT  
STA 11+00.00 TO STA 15+00.00 LT



**PROPOSED MANCHESTER ROAD**  
STA 16+00.00 TO STA 19+73.32 RT  
STA 15+00.00 TO STA 19+73.32 LT  
BRIDGE APPROACH PAVEMENT OMISSION: STA 19+73.32 TO STA 20+84.98  
STA 20+84.98 LT TO STA 22+22.98

**CROSS-SLOPES**

MANCHESTER ROAD LOCATION	'A'
STA 16+00.00 TO STA 18+59.77	-1.5% (N.C.)
STA 18+59.77 TO STA 19+24.77	-1.5% TO +1.5%
STA 19+24.77 TO STA 19+73.32	+1.5%
STA 19+73.32 TO STA 20+84.98	BRIDGE OMISSION
STA 20+84.98 TO STA 21+00.95	+1.5%
STA 21+00.95 TO STA 21+65.95	+1.5% TO -1.5%
STA 21+65.95 TO STA 22+22.98	-1.5% (N.C.)

NOTE: NEGATIVE SIGN INDICATES PAVEMENT SLOPING AWAY FROM PGL, POSITIVE SIGN TOWARD PGL.

- PROPOSED LEGEND**
- A COMBINATION CONC. CURB & GUTTER, TYPE B-6.12 THICKNESS OF GUTTER FLAG TO MATCH THICKNESS OF BITUMINOUS PAVEMENT SECTION
  - B PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
  - C NOT USED
  - D SUB-BASE GRANULAR MATERIAL, TYPE B 4"
  - E AGGREGATE SUBGRADE 12"
  - F AGGREGATE BASE COURSE, TYPE B 4"
  - G AGGREGATE BASE COURSE, TYPE B 9"
  - H HOT-MIX ASPHALT BASE COURSE, 4"
  - I NOT USED
  - J HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"
  - K HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 9"
  - L HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
  - M HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
  - N AGGREGATE SHOULDERS, TYPE A 4"

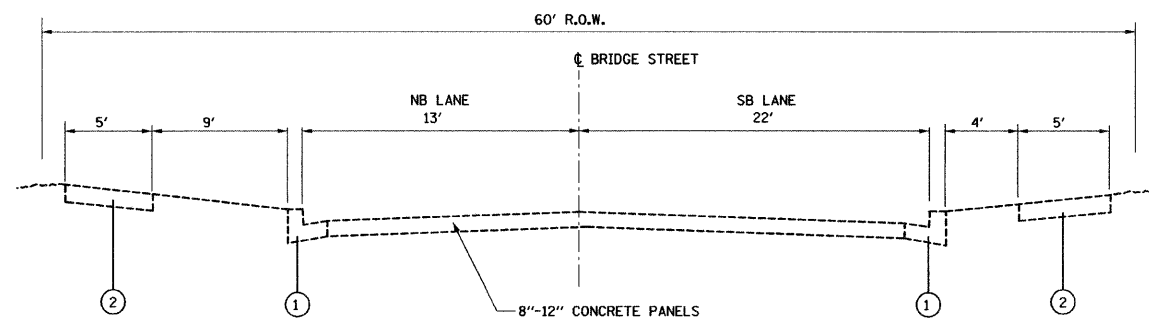
**NOTES:**

1. EXISTING PAVEMENT TYPES AND DEPTHS HAVE BEEN ESTIMATED AND ARE TO BE VERIFIED BY THE CONTRACTOR AND SHOULD BE REFLECTED IN THE CONTRACTOR'S BID
2. AREAS OF FULL DEPTH ASPHALT ARE LOCATED WITHIN THE PROJECT LIMITS. THESE LOCATIONS ARE LIKELY TO BE FOUND ON WESLEY STREET AND FRONT STREET THOUGH IT MAY ALSO BE PRESENT AT OTHER LOCATIONS
3. UNSUITABLE MATERIAL AND/OR CONCRETE MAY BE FOUND BELOW THE EXISTING PAVEMENT STRUCTURE AND SHALL BE DISPOSED OF AS SPECIFIED IN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
4. IN GENERAL, PAY LIMIT OF SUB-BASE GRANULAR MATERIAL IS LOCATED ONE (1) FOOT BEHIND BACK OF CURB.
5. SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.00%.
6. IN LOCATIONS OF PROPOSED RETAINING WALL, THE MOMENT SLAB WILL REPLACE THE PORTLAND CONCRETE SIDEWALK, 4 INCH ITEM.
7. SLOPES SHALL BE BENCHED ACCORDING TO IDOT DISTRICT 1 DETAIL BD51 "BENCHING DETAIL FOR EMBANKMENT WIDENING".

REVISIONS		CITY OF WHEATON MANCHESTER ROAD / WESLEY STREET OVER UNION PACIFIC RAILROAD
NAME	DATE	
		TYPICAL SECTIONS

SCALE: VERT. N.T.S.  
HORIZ. DATE 6/4/2008

DRAWN BY DWV  
CHECKED BY JLC



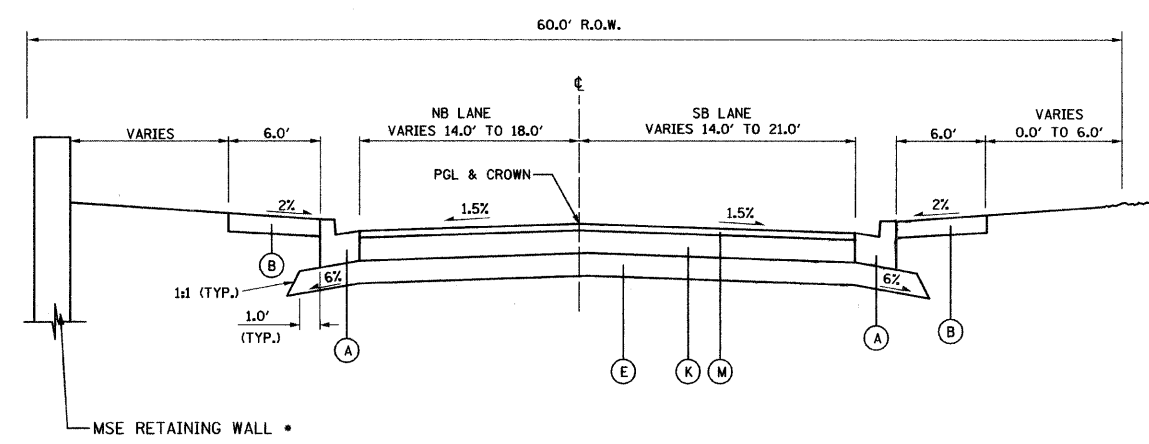
**EXISTING MANCHESTER ROAD (BRIDGE STREET)**  
STA 22+43 TO STA 24+75

**EXISTING LEGEND**

- ① COMBINATION CONC. CURB & GUTTER, TYPE B-6.12
- ② PORTLAND CEMENT CONCRETE SIDEWALK, 4"

**PROPOSED LEGEND**

- Ⓐ COMBINATION CONC. CURB & GUTTER, TYPE B-6.12  
THICKNESS OF GUTTER FLAG TO MATCH THICKNESS OF BITUMINOUS PAVEMENT SECTION
- Ⓑ PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- Ⓒ NOT USED
- Ⓓ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- Ⓔ AGGREGATE SUBGRADE 12"
- Ⓕ AGGREGATE BASE COURSE, TYPE B 4"
- Ⓖ AGGREGATE BASE COURSE, TYPE B 9"
- Ⓗ HOT-MIX ASPHALT BASE COURSE, 4"
- Ⓘ NOT USED
- Ⓝ HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50, 2 1/4"
- Ⓚ HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70, 9"
- Ⓛ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- Ⓜ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- Ⓝ AGGREGATE SHOULDERS, TYPE A 4"

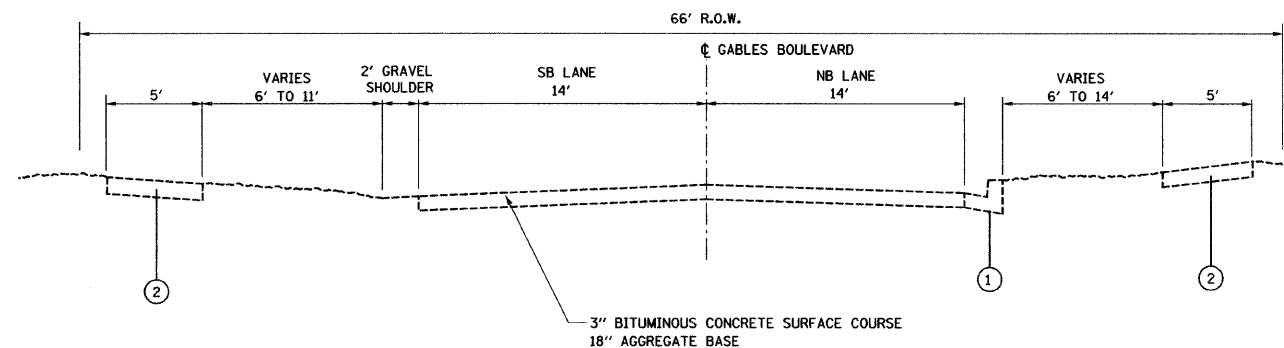


**PROPOSED MANCHESTER ROAD (BRIDGE STREET)**  
STA 22+22.98 TO STA 24+75.00

• SEE PLAN FOR LOCATION AND TERMINATION OF MSE RETAINING WALL

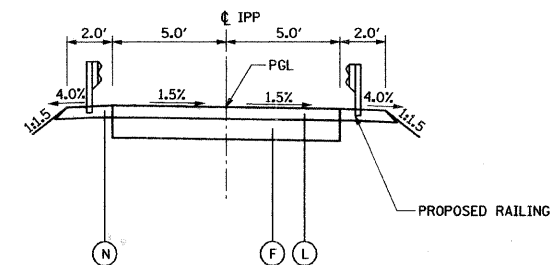
**NOTES:**  
1. SEE FIRST TYPICAL SECTION SHEET FOR NOTES

REVISIONS		CITY OF WHEATON MANCHESTER ROAD / WESLEY STREET OVER UNION PACIFIC RAILROAD  TYPICAL SECTIONS
NAME	DATE	
		SCALE: VERT. N.T.S. HORIZ. N.T.S. DATE 6/4/2008
DRAWN BY DWV CHECKED BY JLC		



**EXISTING GABLES BOULEVARD**

STA 30+25.00 LT TO STA 32+18 LT  
 STA 30+25.00 RT TO STA 32+56 RT



**PROPOSED ILLINOIS PRAIRIE PATH (IPP)**

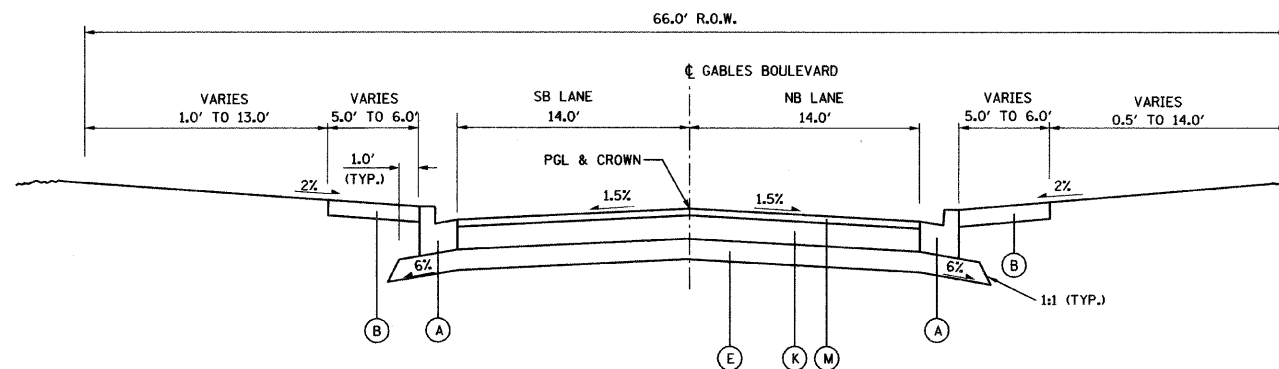
STA 16+66.12 TO STA 19+18.59

**EXISTING LEGEND**

- ① COMBINATION CONC. CURB & GUTTER, TYPE B-6.12
- ② PORTLAND CEMENT CONCRETE SIDEWALK, 4"

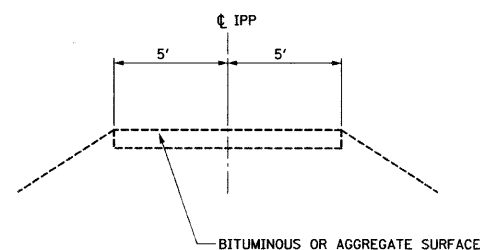
**PROPOSED LEGEND**

- Ⓐ COMBINATION CONC. CURB & GUTTER, TYPE B-6.12 THICKNESS OF GUTTER FLAG TO MATCH THICKNESS OF BITUMINOUS PAVEMENT SECTION
- Ⓑ PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- Ⓒ NOT USED
- Ⓓ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- Ⓔ AGGREGATE SUBGRADE 12"
- Ⓕ AGGREGATE BASE COURSE, TYPE B 4"
- Ⓖ AGGREGATE BASE COURSE, TYPE B 9"
- Ⓗ HOT-MIX ASPHALT BASE COURSE, 4"
- Ⓘ NOT USED
- Ⓙ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"
- Ⓚ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 9"
- Ⓛ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- Ⓜ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- Ⓝ AGGREGATE SHOULDERS, TYPE A 4"



**PROPOSED GABLES BOULEVARD**

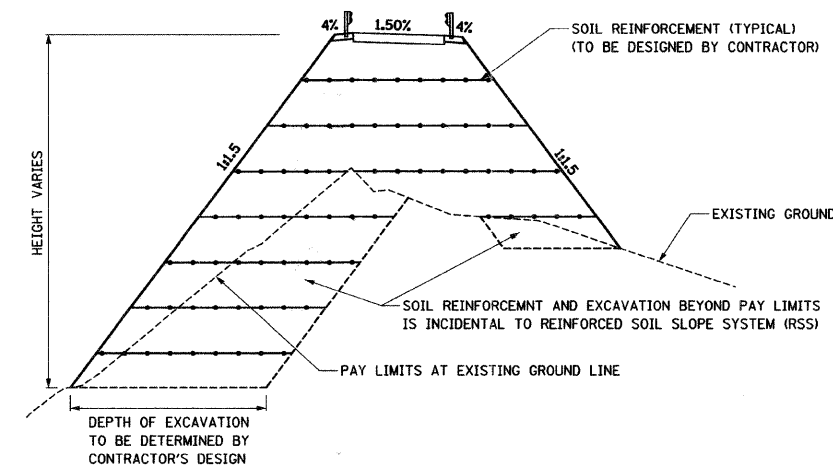
STA 30+25.00 LT TO STA 31+67.11 LT  
 STA 30+25.00 RT TO STA 32+25.29 RT



**EXISTING ILLINOIS PRAIRIE PATH (IPP)**

STA 11+48.42 TO STA 11+98.04  
 STA 16+66.12 TO STA 19+18.59

BRIDGE OMISSION STA 11+98.04 TO STA 16+66.12



**PROPOSED ILLINOIS PRAIRIE PATH (IPP) SOIL REINFORCEMENT**

**NOTES:**

1. SEE FIRST TYPICAL SECTION SHEET FOR NOTES

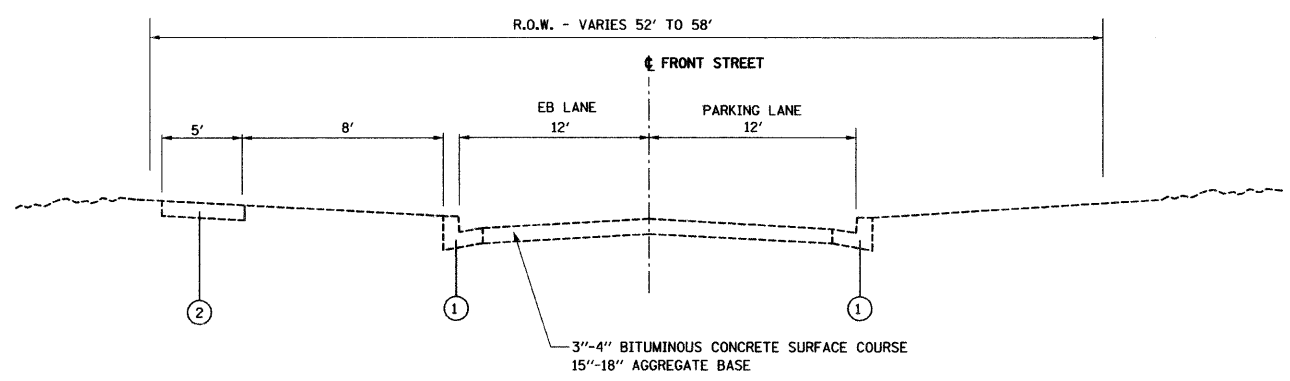
REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 TYPICAL SECTIONS  
 SCALE: VERT. N.T.S. DRAWN BY QNW  
 HORIZ. DATE 6/4/2008 CHECKED BY JLC

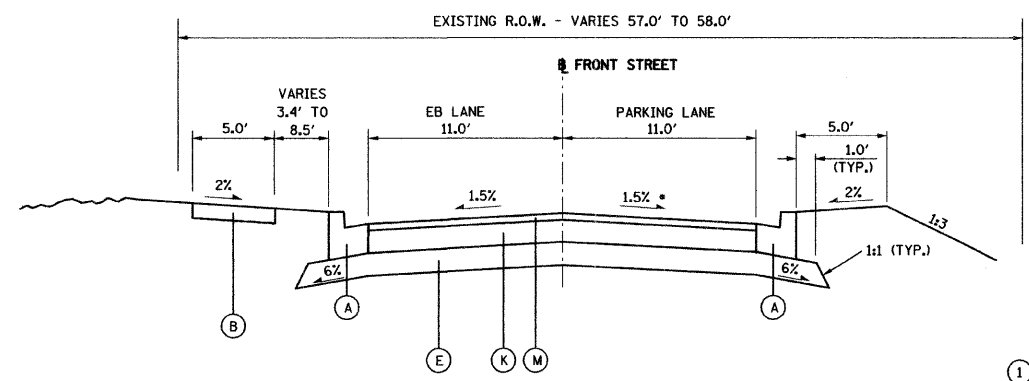




F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
97-00084-00-BR	DU PAGE	ILLINOIS	241	29
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 83908				



**EXISTING FRONT STREET**  
 STA 50+28 TO STA 54+70  
 (ONE WAY EASTBOUND)



**PROPOSED FRONT STREET**  
 STA 53+26.13 TO STA 54+70.00  
 ONE WAY EASTBOUND

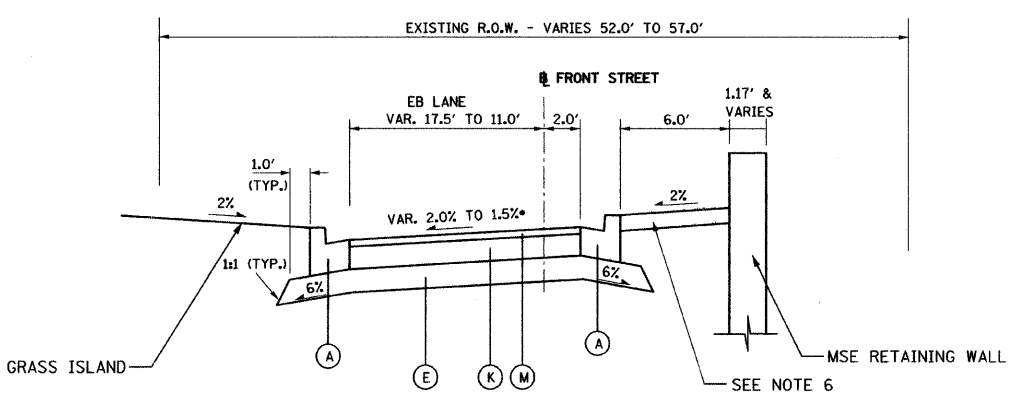
\* CROSS-SLOPE TRANSITIONS FROM 1.5% SLOPING TOWARDS THE PGL AT STA 53+35.13 TO 1.5% SLOPING AWAY FROM THE PGL AT STA 53+55.13.

**EXISTING LEGEND**

- ① COMBINATION CONC. CURB & GUTTER, TYPE B-6.12
- ② PORTLAND CEMENT CONCRETE SIDEWALK, 4"

**PROPOSED LEGEND**

- Ⓐ COMBINATION CONC. CURB & GUTTER, TYPE B-6.12 THICKNESS OF GUTTER FLAG TO MATCH THICKNESS OF BITUMINOUS PAVEMENT SECTION
- Ⓑ PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- Ⓒ NOT USED
- Ⓓ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- Ⓔ AGGREGATE SUBGRADE 12"
- Ⓕ AGGREGATE BASE COURSE, TYPE B 4"
- Ⓖ AGGREGATE BASE COURSE, TYPE B 9"
- Ⓗ HOT-MIX ASPHALT BASE COURSE, 4"
- Ⓘ NOT USED
- Ⓝ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"
- Ⓚ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 9"
- Ⓛ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- Ⓜ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- Ⓝ AGGREGATE SHOULDERS, TYPE A 4"



**PROPOSED FRONT STREET**

STA 50+88.30 LT TO STA 51+62.24 LT  
 STA 50+63.65 RT TO STA 51+62.24 RT  
 STA 51+62.24 TO STA 52+56.18 - INTERSECTION WITH WESTERN AVE.  
 STA 52+56.18 TO STA 53+26.13  
 ONE WAY EASTBOUND

\* CROSS-SLOPE TRANSITIONS FROM 2.0% AT STA 50+88.30 TO 1.5% AT STA 51+08.30

**NOTES:**

- 1. SEE FIRST TYPICAL SECTION SHEET FOR NOTES

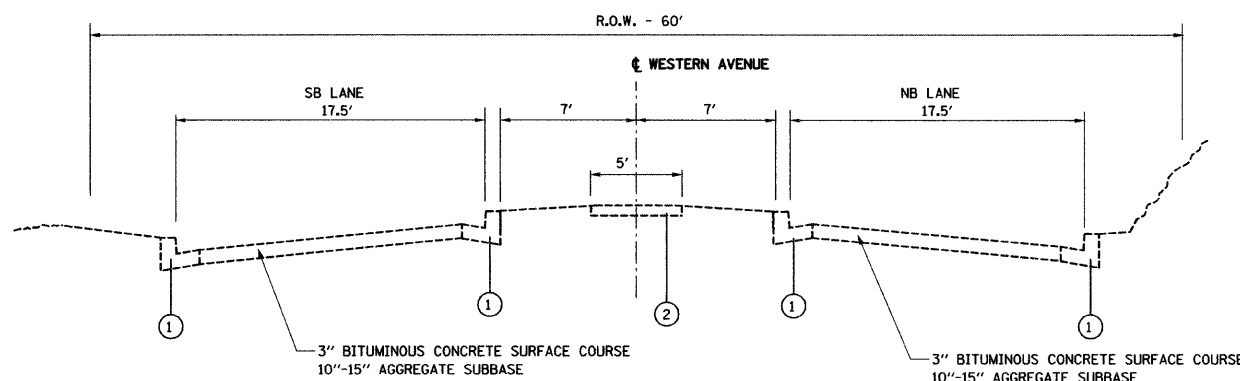
REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD

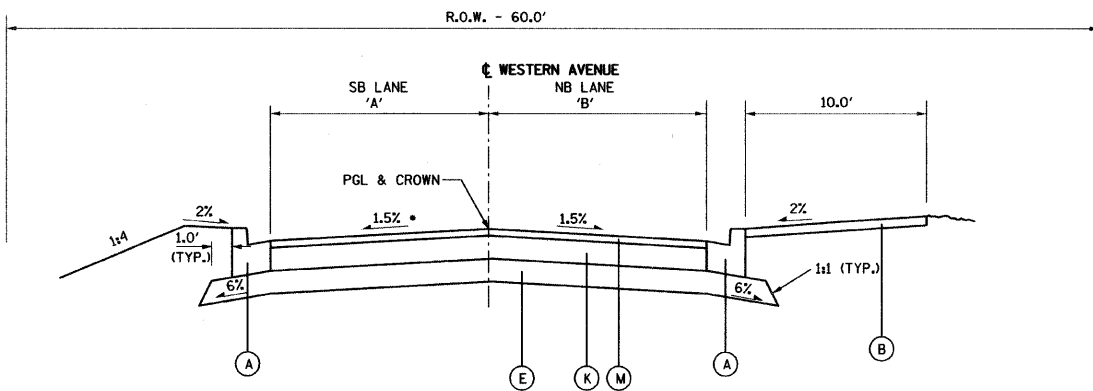
TYPICAL SECTIONS

SCALE: VERT. N.T.S.  
 HORIZ. N.T.S.  
 DATE 6/4/2008

DRAWN BY DWW  
 CHECKED BY JLC



**EXISTING WESTERN AVENUE**  
STA 61+30 TO STA 65+40



**PROPOSED WESTERN AVENUE**  
STA 61+51.50 LT TO STA 65+40.00 LT  
STA 61+95.92 RT TO STA 65+40.00 RT

**LANE WIDTHS**

WESTERN AVENUE LOCATION	'A'	'B'
STA 61+51.50 LT. TO STA. 61+81.63 LT	VAR. 14.0' TO 12.0'	-
STA 61+81.63 LT. TO STA. 63+65.75 LT	12.0'	-
STA 61+95.92 RT. TO STA. 64+34.94 RT	-	12.0'
STA 63+65.75 LT. TO STA. 65+40.00 LT	VAR. 26.2' TO 10.9'	-
STA 64+34.94 RT. TO STA. 65+40.00 RT	-	VAR. 16.8' TO 12.0'

\* CROSS-SLOPE VARIES FROM 3.26%, SLOPING TOWARD PGL AT STA 61+51.50 LT TO 1.5% SLOPING AWAY FROM PGL AT STA 62+53.66 LT.  
NOTE: SEE CROSS-SECTIONS FOR ADDITIONAL CROSS-SLOPE INFORMATION.

**EXISTING LEGEND**

- ① COMBINATION CONC. CURB & GUTTER, TYPE B-6.12
- ② PORTLAND CEMENT CONCRETE SIDEWALK, 4"

**PROPOSED LEGEND**

- Ⓐ COMBINATION CONC. CURB & GUTTER, TYPE B-6.12 THICKNESS OF GUTTER FLAG TO MATCH THICKNESS OF BITUMINOUS PAVEMENT SECTION
- Ⓑ PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- Ⓒ NOT USED
- Ⓓ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- Ⓔ AGGREGATE SUBGRADE 12"
- Ⓕ AGGREGATE BASE COURSE, TYPE B 4"
- Ⓖ AGGREGATE BASE COURSE, TYPE B 9"
- Ⓗ HOT-MIX ASPHALT BASE COURSE, 4"
- Ⓘ NOT USED
- Ⓝ HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50, 2 1/4"
- Ⓚ HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70, 9"
- Ⓛ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- Ⓜ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- Ⓝ AGGREGATE SHOULDERS, TYPE A 4"

**NOTES:**

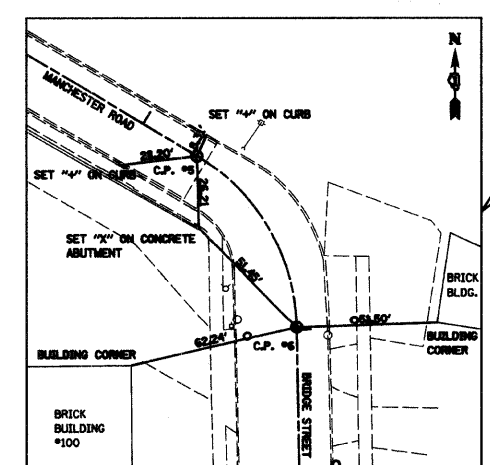
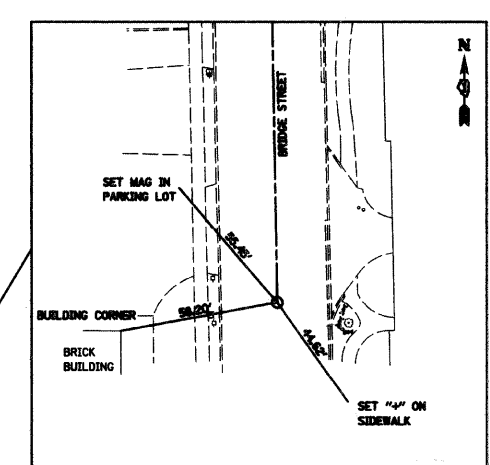
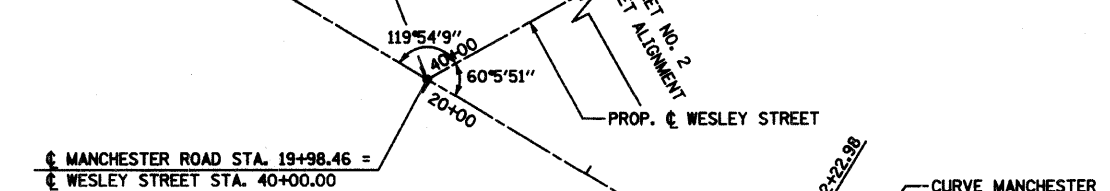
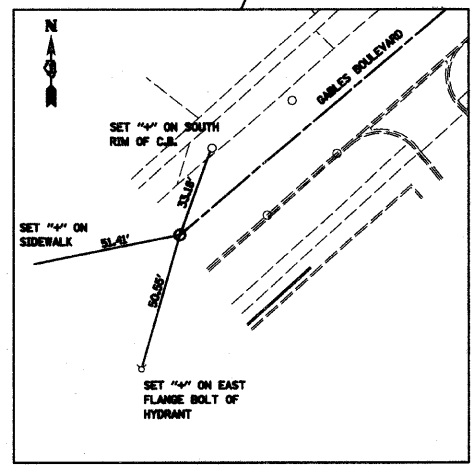
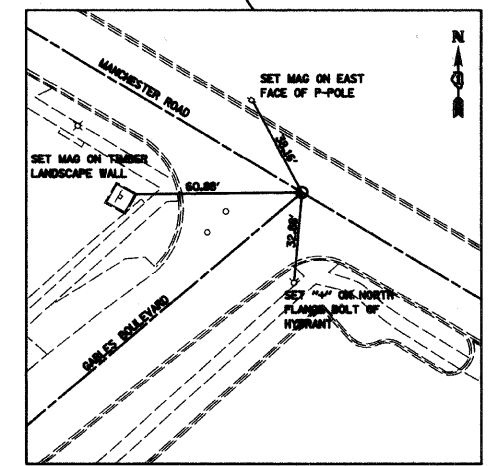
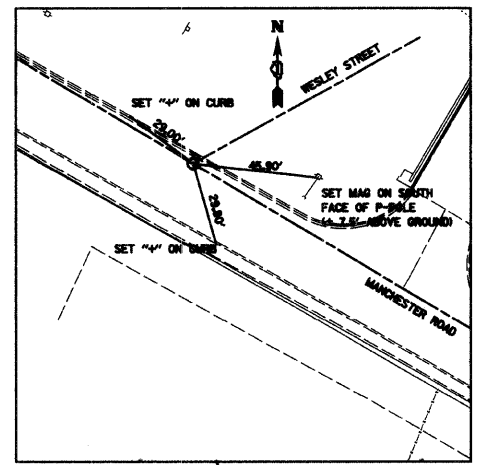
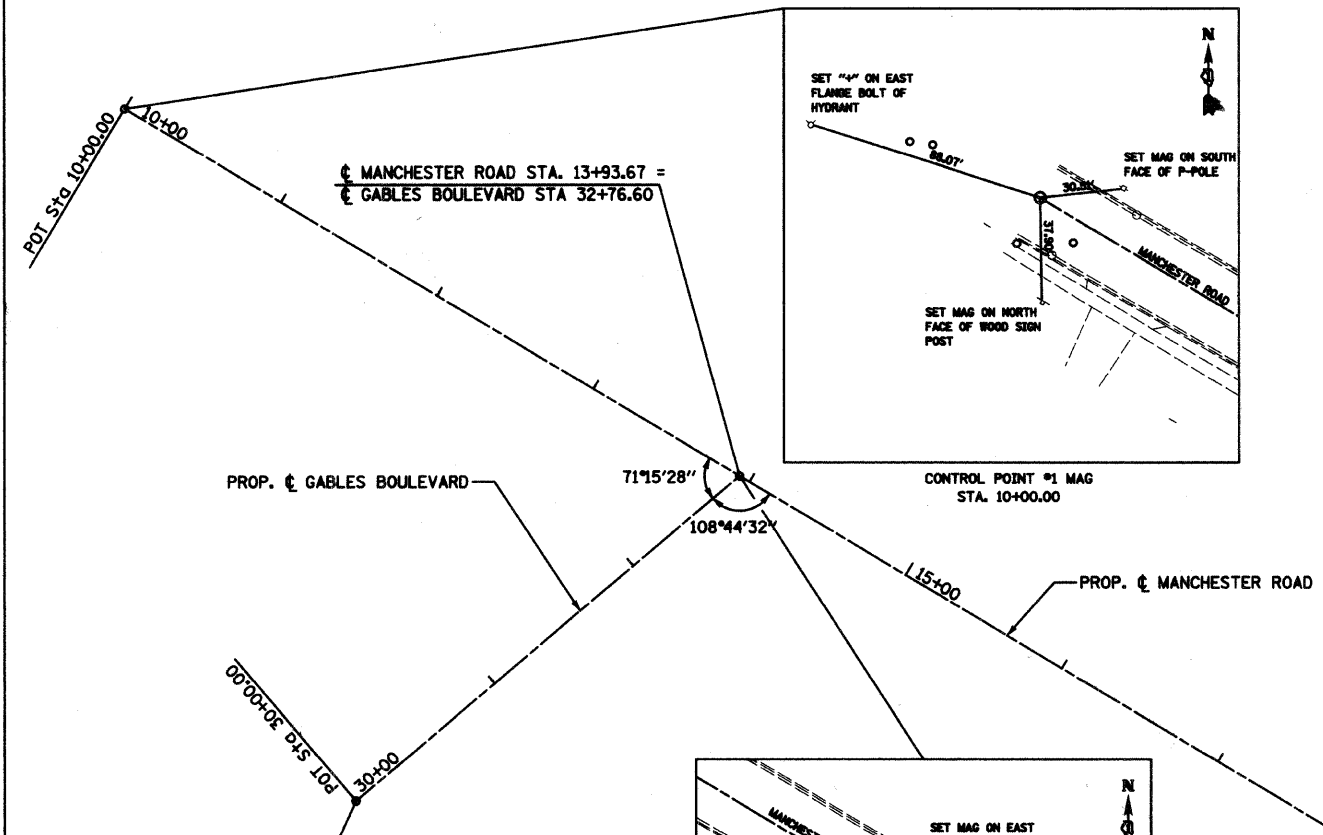
1. SEE FIRST TYPICAL SECTION SHEET FOR NOTES

REVISIONS		CITY OF WHEATON MANCHESTER ROAD / WESLEY STREET OVER UNION PACIFIC RAILROAD  TYPICAL SECTIONS
NAME	DATE	
		SCALE: VERT. N.T.S. HORIZ. DATE 6/4/2008
DRAWN BY DWW CHECKED BY JLC		

CONTRACT NO. 83908  
APPROXIMATE STATION OFFSET

**BENCH MARK SUMMARY**

NAME	ELEVATION	DESCRIPTION	STATION	OFFSET
BM "A"	755.03	DATUM BENCHMARK ON 1ST HYDRANT WEST OF C OF BRIDGE STREET (± 400' WEST OF SAID C) ON SOUTH SIDE OF LIBERTY STREET	OUT OF AREA	
BM 101	760.32	RR SPIKE IN EAST FACE OF POWER POLE IN THE SOUTHWEST QUADRANT OF MANCHESTER/BRIDGE STREET, ±40' NORTHEAST OF NORTHEAST CORNER OF BUILDING #100 BRIDGE STREET	MANCHESTER STREET	22+87 24' RT
BM 102	741.47	CUT "□" ON SOUTHWEST CORNER OF CONCRETE BRIDGE ABUTMENT OF IL PRAIRIE PATH BRIDGE OVER UNION PACIFIC RR	ILL. PRAIRIE PATH EXISTING	12+08 18' LT
BM 103	760.60	RR SPIKE IN NORTHEAST FACE OF FIRST POWER POLE EAST OF WESLEY STREET BRIDGE OVER U.P. RR, SOUTH SIDE OF FRONT STREET	FRONT STREET	51+07 25' RT
BM 104	760.85	CUT "□" ON NORTH CURB OF MANCHESTER ROAD, ± 160' WEST OF C OF WESLEY STREET	MANCHESTER STREET	18+57 14' LT
BM 105	735.45	RR SPIKE IN SOUTH FACE OF POWER POLE ON NORTH SIDE OF MANCHESTER ROAD, ± 40' WEST OF C OF GABLES BOULEVARD	MANCHESTER STREET	13+48 19' LT
BM 107	754.95	SET RR SPIKE IN EAST FACE OF 3RD POWER POLE NORTH OF WESLEY STREET ON WEST SIDE OF WESTERN AVENUE	WEST STREET	62+65 33' LT



**CONTROL POINTS**

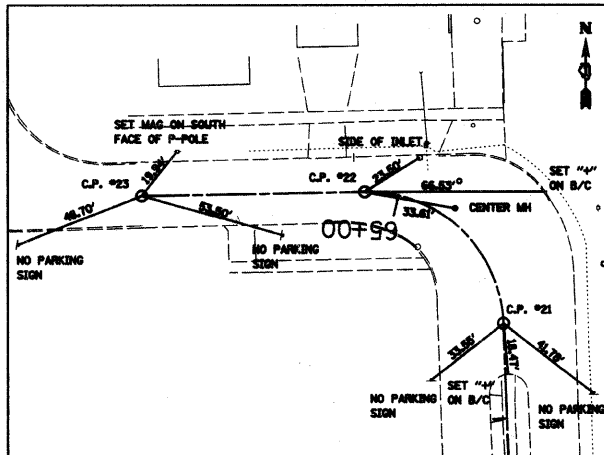
C.P. #	NORTHING	EASTING	STATION
1	1894207.5160	557752.7370	10+00.00
2	1893826.1840	557879.6080	30+00.00
3	1894005.2092	558090.4518	13+93.67
4	1893694.4135	558609.2693	19+98.46
5	1893579.0357	558801.8718	22+22.98
6	1893515.9187	558838.3198	22+99.09
7	1893237.0080	558842.8650	25+78.03

PROP. CURVE MANCHESTER  
 PI STA. = 22+64.67  
 $\Delta = 58^\circ 08' 34''$  (RT)  
 $D = 76^\circ 23' 40''$   
 $R = 75.00'$   
 $T = 41.70'$   
 $L = 76.11'$   
 $E = 10.81'$   
 $\theta = \dots$   
 $T.R. = \dots$   
 $S.E. RUN = \dots$   
 P.C. STA. = 22+22.98  
 P.T. STA. = 22+99.09

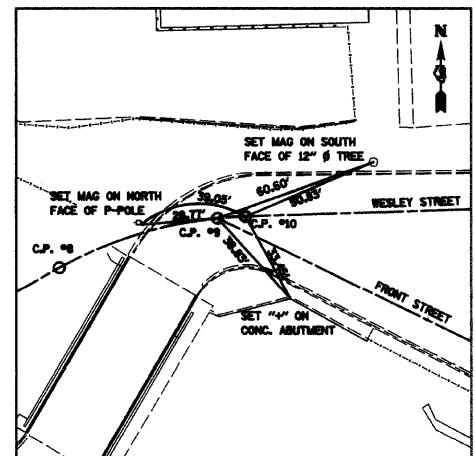
NOTE: THREE POINT TIES ARE PROVIDED ONLY TO FIND THE GENERAL LOCATION OF CONTROL POINTS, NOT TO ACCURATELY RECREATE THE POINT.

REVISIONS	
NAME	DATE

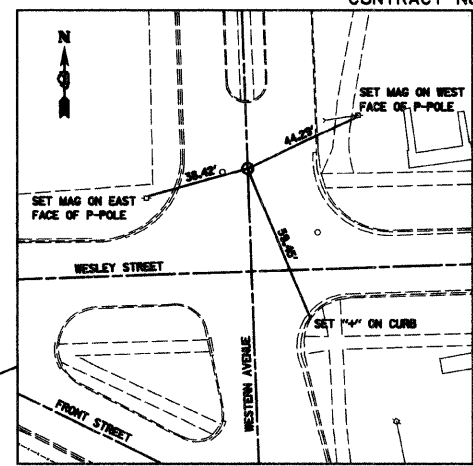
CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 ALIGNMENT, TIES AND  
 BENCHMARKS  
 SCALE: VERT. 1" = 50'  
 HORIZ. 1" = 50'  
 DATE 6/4/2008  
 DRAWN BY DWJ  
 CHECKED BY JLC



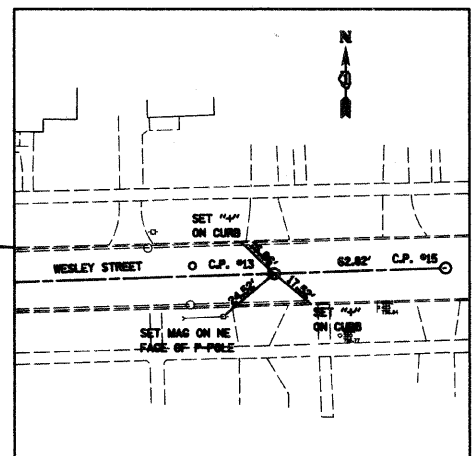
CONTROL POINT #21 MAG AND #22 MAG AND #23 MAG  
STA. 64+34.94 AND STA. 65+12.50 AND STA. 65+94.14



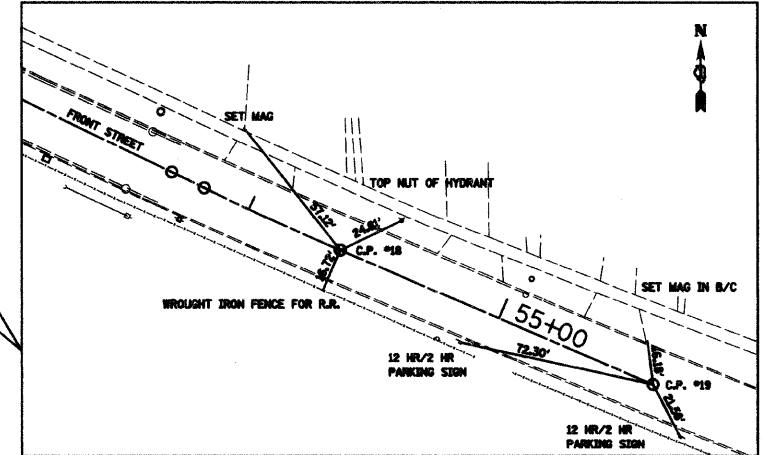
CONTROL POINT #8 MAG AND #9 #10 MAG  
STA. 41+05.57 AND STA. 41+66.75 AND STA. 41+77.00



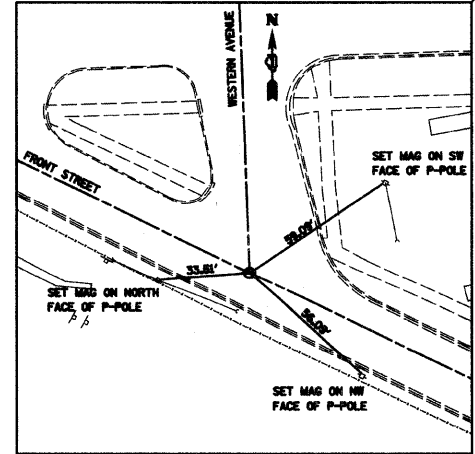
CONTROL POINT #14 MAG  
STA. 61+26.09



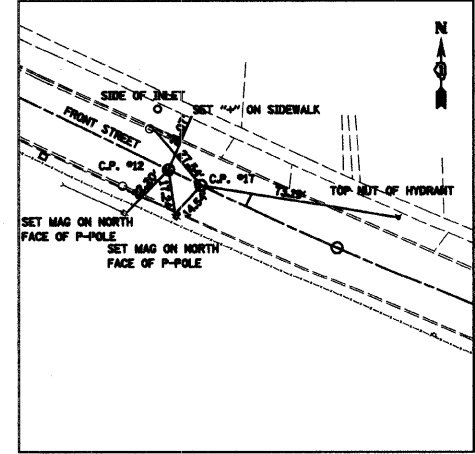
CONTROL POINT #13 MAG AND #15  
STA. 46+02.02 AND STA. 46+64.84



CONTROL POINT #18 MAG AND #19 MAG  
STA. 54+36.72 AND STA. 55+61.38



CONTROL POINT #11 MAG  
STA. 51+88.63



CONTROL POINT #12 MAG AND #17 MAG  
STA. 53+68.68 AND STA. 53+81.88



**NOTES:**  
CONTRACTOR IS RESPONSIBLE FOR SETTING CONTROL POINT #8

PROP. CURVE WESLEY	PROP. CURVE WESTERN	PROP. CURVE FRONT
PI STA. = 41+41.98	PI STA. = 64+83.96	PI STA. = 54+09.31
Δ = 27° 17' 08" (RT)	Δ = 88° 52' 01" (LT)	Δ = 2° 34' 31" (LT)
D = 38° 11' 50"	D = 114° 35' 30"	D = 4° 41' 47"
R = 150.00'	R = 50.00'	R = 1,220.00'
T = 36.41'	T = 49.02'	T = 27.42'
L = 71.43'	L = 77.55'	L = 54.83'
E = 4.36'	E = 20.02'	E = 0.31'
θ = -----	θ = -----	θ = -----
T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 41+05.57	P.C. STA. = 64+34.94	P.C. STA. = 53+81.88
P.T. STA. = 41+77.00	P.T. STA. = 65+12.50	P.T. STA. = 54+36.72

**CONTROL POINTS**

C.P. #	NORTHING	EASTING	STATION
8	1893745.8750	558701.4471	41+05.57
9	1893764.1340	558759.3950	41+66.75
10	1893764.8220	558769.6236	41+77.00
11	1893681.5770	558928.9980	51+88.63
12	1893602.7720	559090.8910	53+68.68
13	1893778.8280	559194.4120	46+02.02
14	1893807.5840	558924.3760	61+26.09
15	1893780.8980	559257.2000	46+64.84
17	1893596.9956	559102.7601	53+81.88
18	1893574.1123	559152.5863	54+36.72
19	1893524.6420	559267.0150	55+61.38
20	1893769.9699	558925.7557	60+88.45
21	1894116.2288	558913.0542	64+34.94
22	1894164.3888	558862.2434	65+12.50
23	1894163.0100	558780.6120	65+94.14

SEE ALIGNMENT SHEET NO. 1  
FOR MANCHESTER ROAD  
ALIGNMENT INFORMATION

SEE ALIGNMENT SHEET NO. 1  
FOR MANCHESTER ROAD  
ALIGNMENT INFORMATION

REVISIONS	
NAME	DATE

CITY OF WHEATON  
MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD  
ALIGNMENT, TIES AND  
BENCHMARKS  
SCALE: VERT. 1" = 10'  
HORIZ. 1" = 50'  
DATE 6/4/2008  
DRAWN BY MBT  
CHECKED BY ALT



# MAINTENANCE OF TRAFFIC CONSTRUCTION STAGING

## STAGE 1:

TRAFFIC - TRAFFIC WILL BE MAINTAINED ON DETOUR ROUTE. THE ILLINOIS PRAIRIE PATH WILL BE CLOSED AND PROTECTIVE FENCING WILL BE PLACED AS AN ADDED MEASURE TO KEEP PEDESTRIANS OFF THE PATH. BICYCLE TRAFFIC TO FOLLOW DETOUR PLAN AS SHOWN IN THE PLANS.

CONSTRUCTION - THE ILLINOIS PRAIRIE PATH INCLUDING THE BRIDGE OVER FRONT STREET AND WESLEY STREET WILL BE CONSTRUCTED.

## STAGE 2:

TRAFFIC - TRAFFIC WILL BE MAINTAINED ON DETOUR ROUTE. MANCHESTER ROAD EAST OF GABLES BOULEVARD, BRIDGE STREET, WESTERN AVENUE, FRONT STREET AND WESLEY STREET WILL BE CLOSED TO THRU TRAFFIC. ACCESS TO PROPERTIES AT ALL TIMES WILL BE MAINTAINED THROUGH SUB STAGING THE WORK IN THIS STAGE. THRU TRAFFIC WILL BE DETOURED AS SHOWN IN THE PLANS.

CONSTRUCTION - WESLEY STREET BRIDGE AND RETAINING WALL WILL BE CONSTRUCTED DURING THIS STAGE. MANCHESTER ROAD EAST OF GABLES BOULEVARD, BRIDGE STREET, WESTERN AVENUE, FRONT STREET AND WESLEY STREET WILL BE CONSTRUCTED BY SUB STAGING THE WORK. THE CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHING THE SUB STAGING PLAN. UTILITIES WILL BE REMOVED, REPLACED AND RELOCATED.

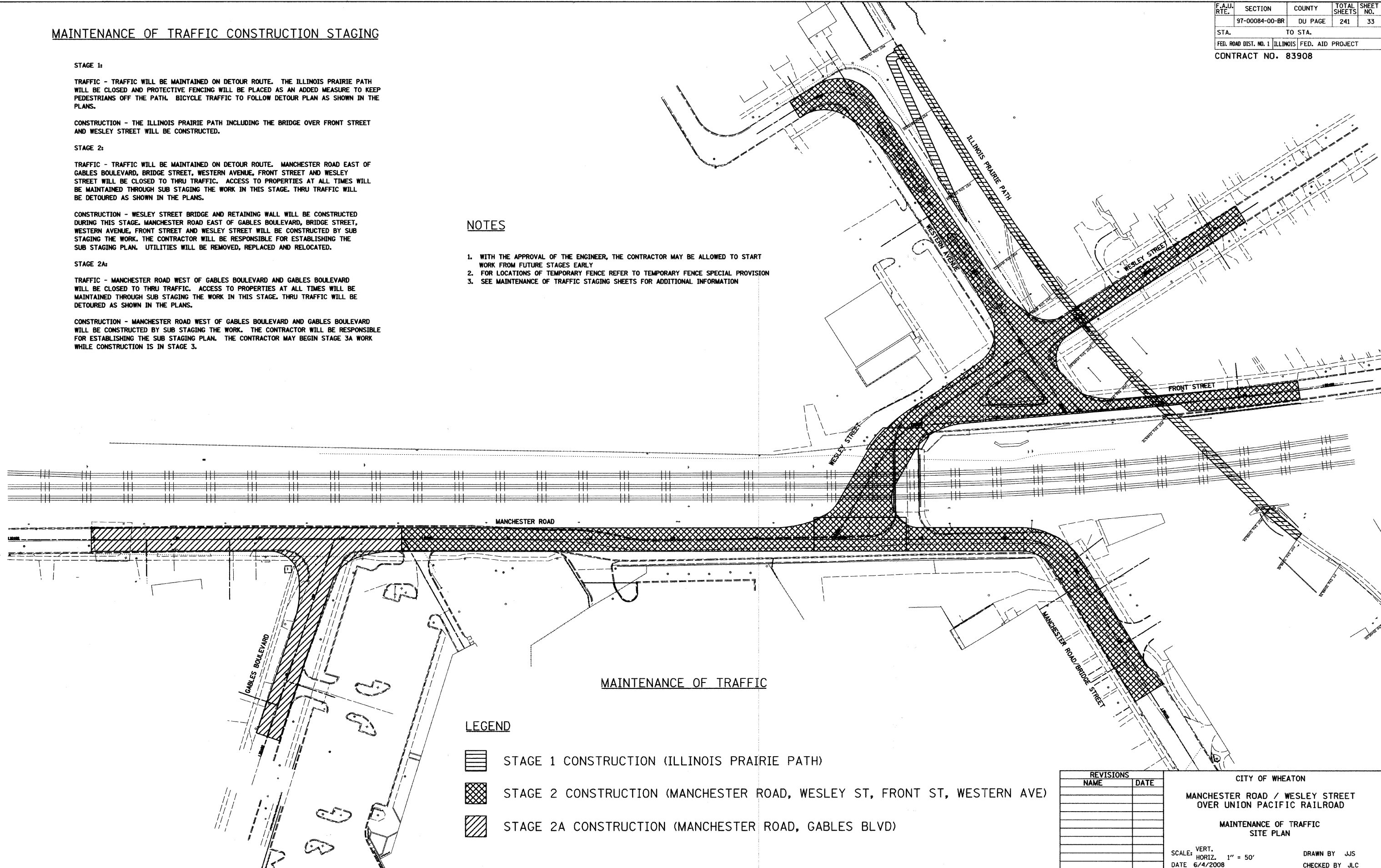
## STAGE 2A:

TRAFFIC - MANCHESTER ROAD WEST OF GABLES BOULEVARD AND GABLES BOULEVARD WILL BE CLOSED TO THRU TRAFFIC. ACCESS TO PROPERTIES AT ALL TIMES WILL BE MAINTAINED THROUGH SUB STAGING THE WORK IN THIS STAGE. THRU TRAFFIC WILL BE DETOURED AS SHOWN IN THE PLANS.

CONSTRUCTION - MANCHESTER ROAD WEST OF GABLES BOULEVARD AND GABLES BOULEVARD WILL BE CONSTRUCTED BY SUB STAGING THE WORK. THE CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHING THE SUB STAGING PLAN. THE CONTRACTOR MAY BEGIN STAGE 3A WORK WHILE CONSTRUCTION IS IN STAGE 3.




## NOTES

1. WITH THE APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY BE ALLOWED TO START WORK FROM FUTURE STAGES EARLY
2. FOR LOCATIONS OF TEMPORARY FENCE REFER TO TEMPORARY FENCE SPECIAL PROVISION
3. SEE MAINTENANCE OF TRAFFIC STAGING SHEETS FOR ADDITIONAL INFORMATION



## MAINTENANCE OF TRAFFIC

### LEGEND

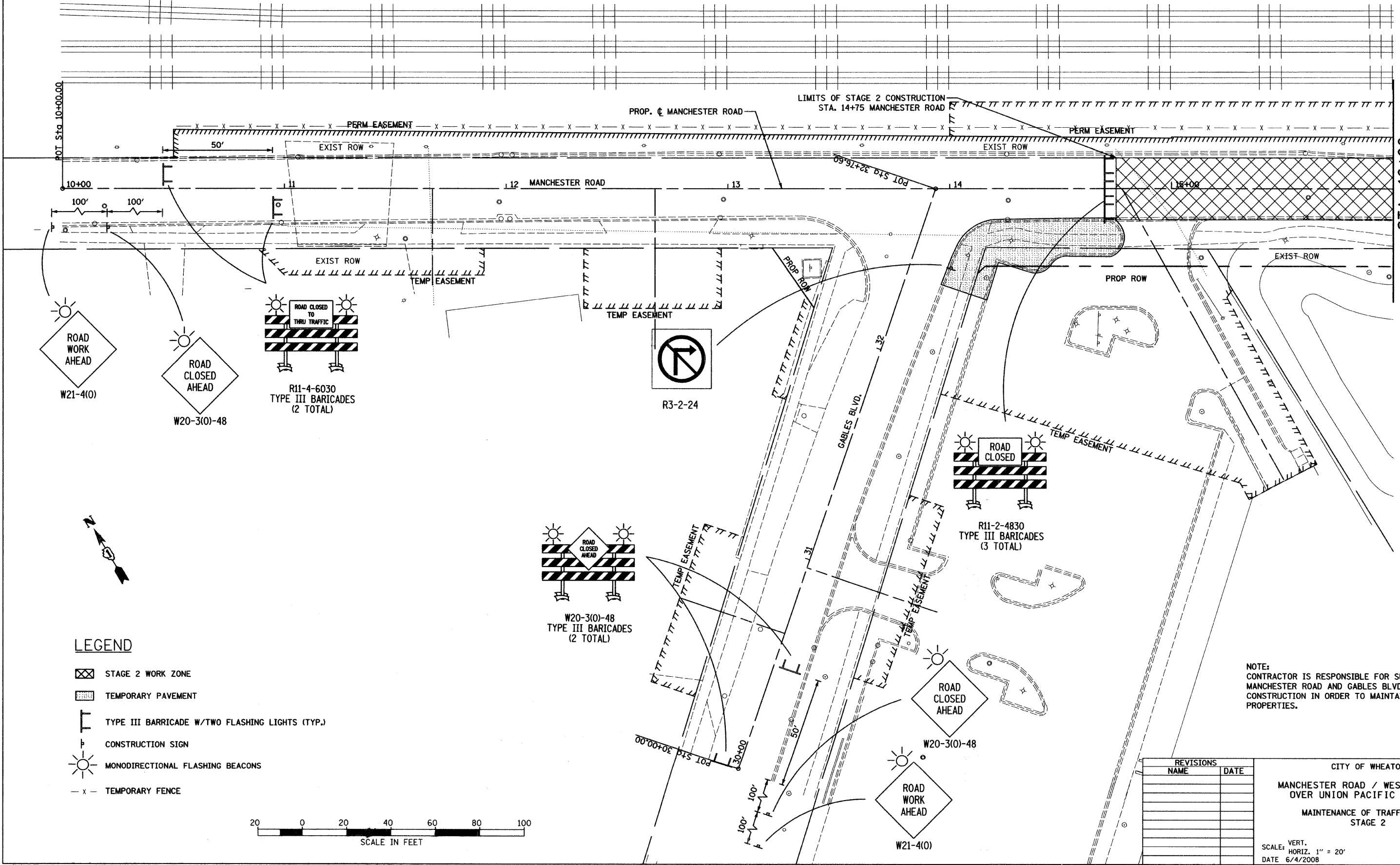
-  STAGE 1 CONSTRUCTION (ILLINOIS PRAIRIE PATH)
-  STAGE 2 CONSTRUCTION (MANCHESTER ROAD, WESLEY ST, FRONT ST, WESTERN AVE)
-  STAGE 2A CONSTRUCTION (MANCHESTER ROAD, GABLES BLVD)

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 MAINTENANCE OF TRAFFIC  
 SITE PLAN

SCALE: VERT. 1" = 50'  
 HORIZ. 1" = 50'  
 DATE 6/4/2008

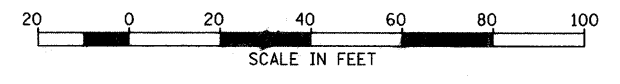
DRAWN BY JJS  
 CHECKED BY JLC



STA. 16+00  
MANCHESTER ROAD

**LEGEND**

- STAGE 2 WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADE W/TWO FLASHING LIGHTS (TYP.)
- CONSTRUCTION SIGN
- MONODIRECTIONAL FLASHING BEACONS
- TEMPORARY FENCE

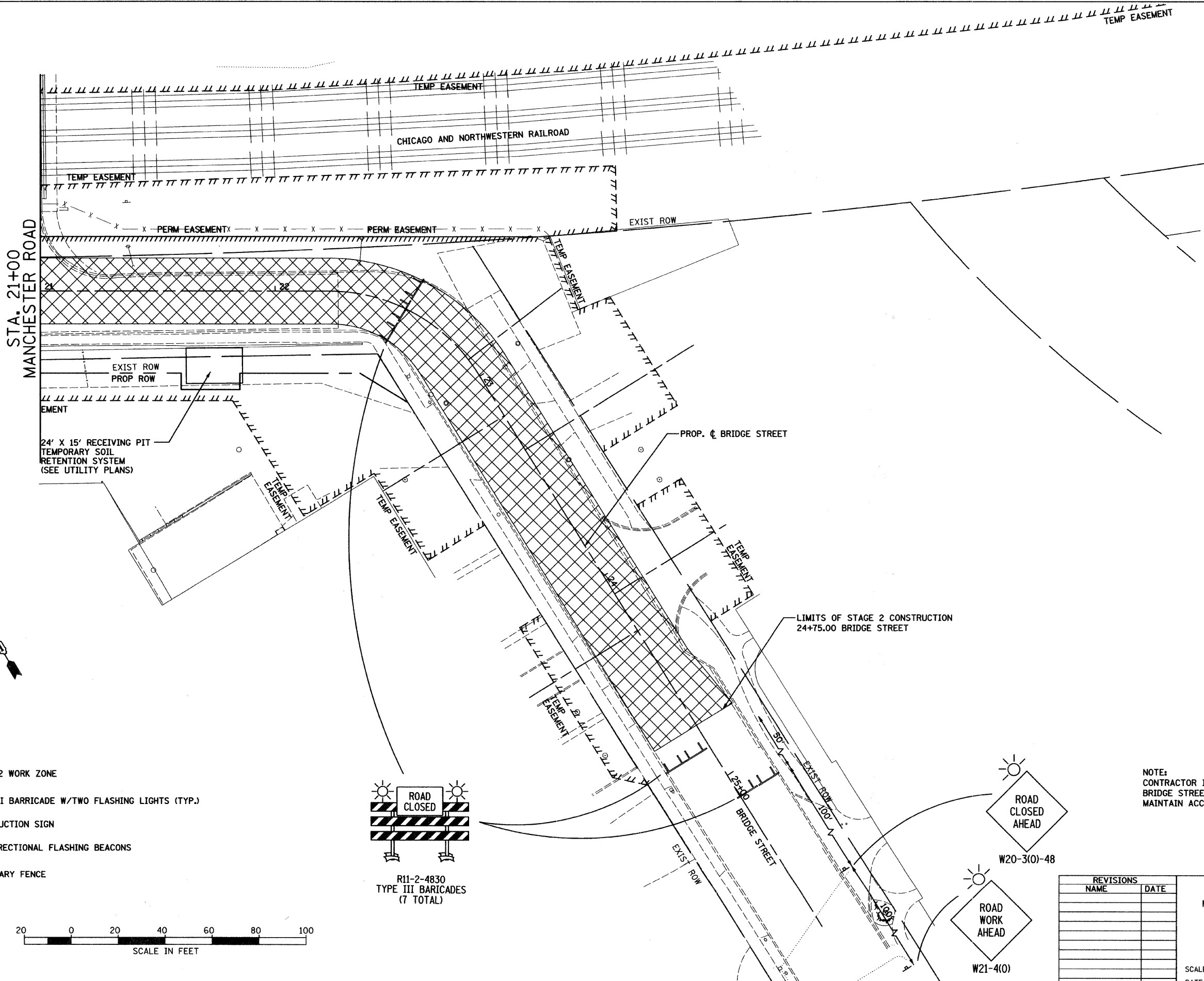


**NOTE:**  
CONTRACTOR IS RESPONSIBLE FOR SUB STAGING  
MANCHESTER ROAD AND GABLES BLVD. DURING  
CONSTRUCTION IN ORDER TO MAINTAIN ACCESS TO ALL  
PROPERTIES.

REVISIONS	
NAME	DATE

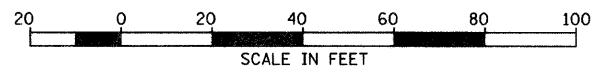
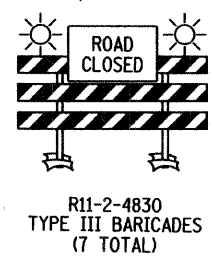
CITY OF WHEATON  
MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD  
MAINTENANCE OF TRAFFIC PLAN  
STAGE 2

SCALE: VERT. 1" = 20'  
HORIZ. 1" = 20'  
DATE 6/4/2008  
DRAWN BY JJS  
CHECKED BY JLC



**LEGEND**

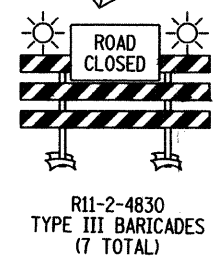
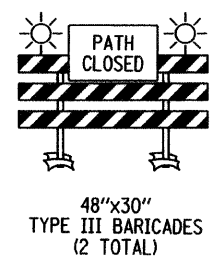
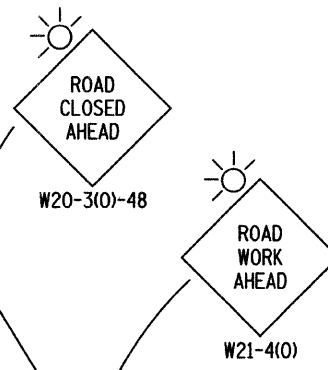
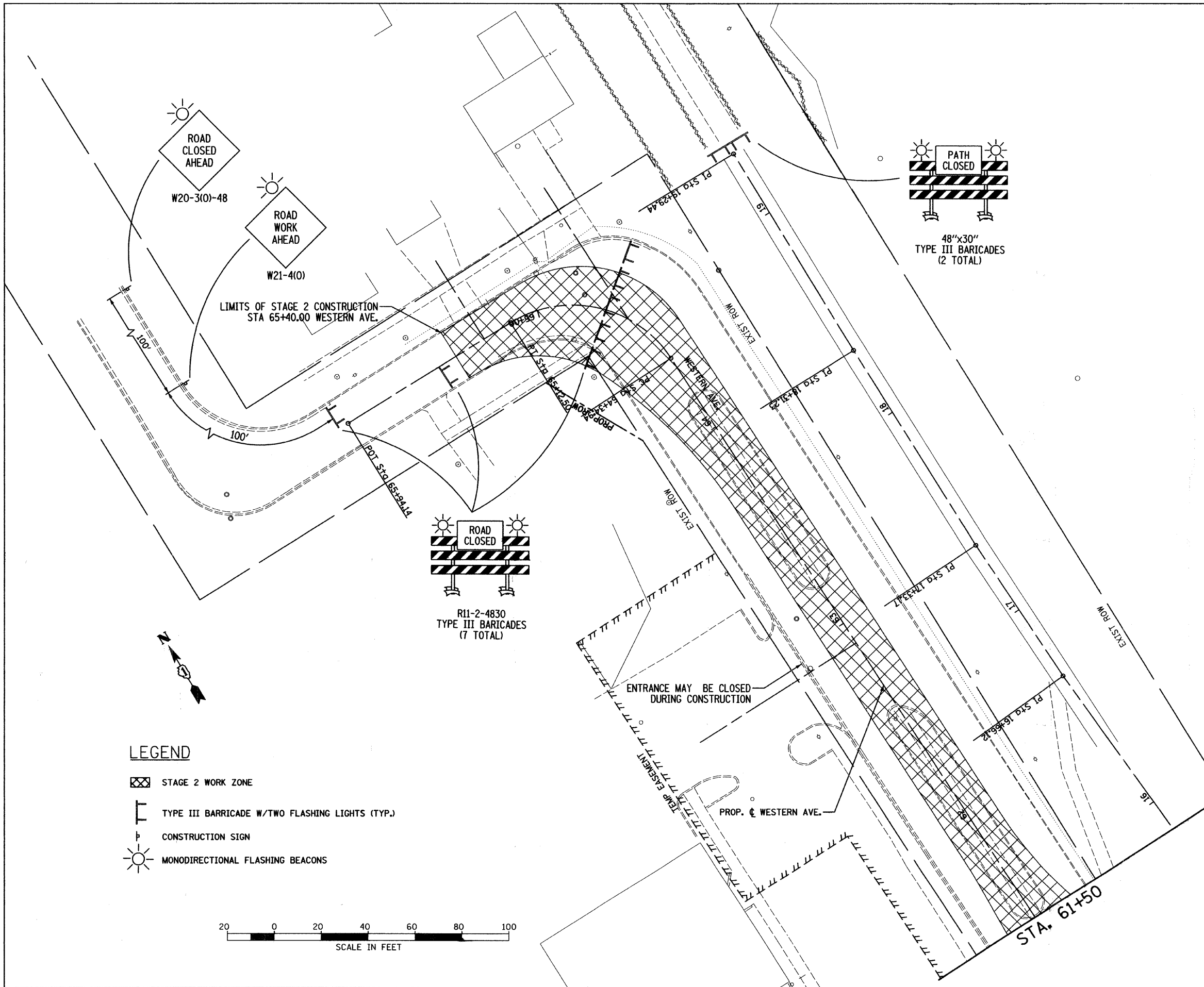
- STAGE 2 WORK ZONE
- TYPE III BARRICADE W/TWO FLASHING LIGHTS (TYP.)
- CONSTRUCTION SIGN
- MONODIRECTIONAL FLASHING BEACONS
- TEMPORARY FENCE



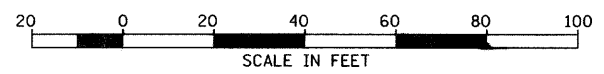
NOTE:  
CONTRACTOR IS RESPONSIBLE FOR SUB STAGING BRIDGE STREET DURING CONSTRUCTION IN ORDER TO MAINTAIN ACCESS TO ALL PROPERTIES.

REVISIONS	
NAME	DATE

CITY OF WHEATON  
MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD  
MAINTENANCE OF TRAFFIC PLAN  
STAGE 2  
SCALE: VERT. 1" = 20'  
HORIZ. 1" = 20'  
DATE 6/4/2008  
DRAWN BY WR  
CHECKED BY JLC



- LEGEND**
- STAGE 2 WORK ZONE
  - TYPE III BARRICADE W/TWO FLASHING LIGHTS (TYP.)
  - CONSTRUCTION SIGN
  - MONODIRECTIONAL FLASHING BEACONS








NOTE:  
CONTRACTOR IS RESPONSIBLE FOR SUB STAGING  
WESTERN AVENUE DURING CONSTRUCTION IN ORDER TO  
MAINTAIN ACCESS TO ALL PROPERTIES.

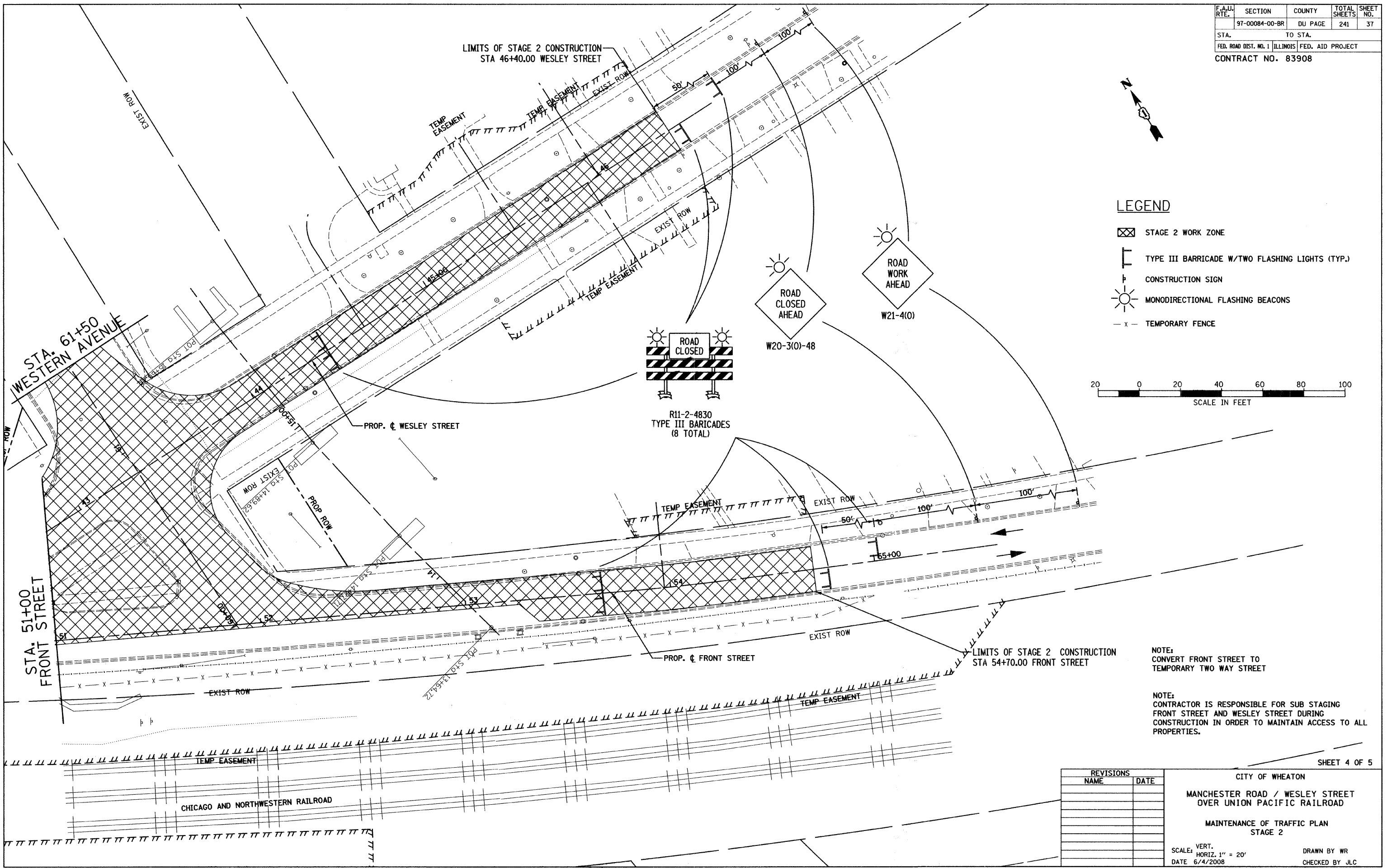
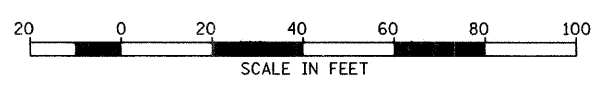
REVISIONS		CITY OF WHEATON MANCHESTER ROAD / WESLEY STREET OVER UNION PACIFIC RAILROAD MAINTENANCE OF TRAFFIC PLAN STAGE 2
NAME	DATE	
		SCALE: VERT. 1" = 20' HORIZ. 1" = 20' DATE 6/4/2008
DRAWN BY WR CHECKED BY JLC		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
97-00084-00-BR	DU PAGE	ILLINOIS	241	37
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 83908				



**LEGEND**

-  STAGE 2 WORK ZONE
-  TYPE III BARRICADE W/TWO FLASHING LIGHTS (TYP.)
-  CONSTRUCTION SIGN
-  MONODIRECTIONAL FLASHING BEACONS
-  - x - TEMPORARY FENCE



NOTE:  
CONVERT FRONT STREET TO  
TEMPORARY TWO WAY STREET

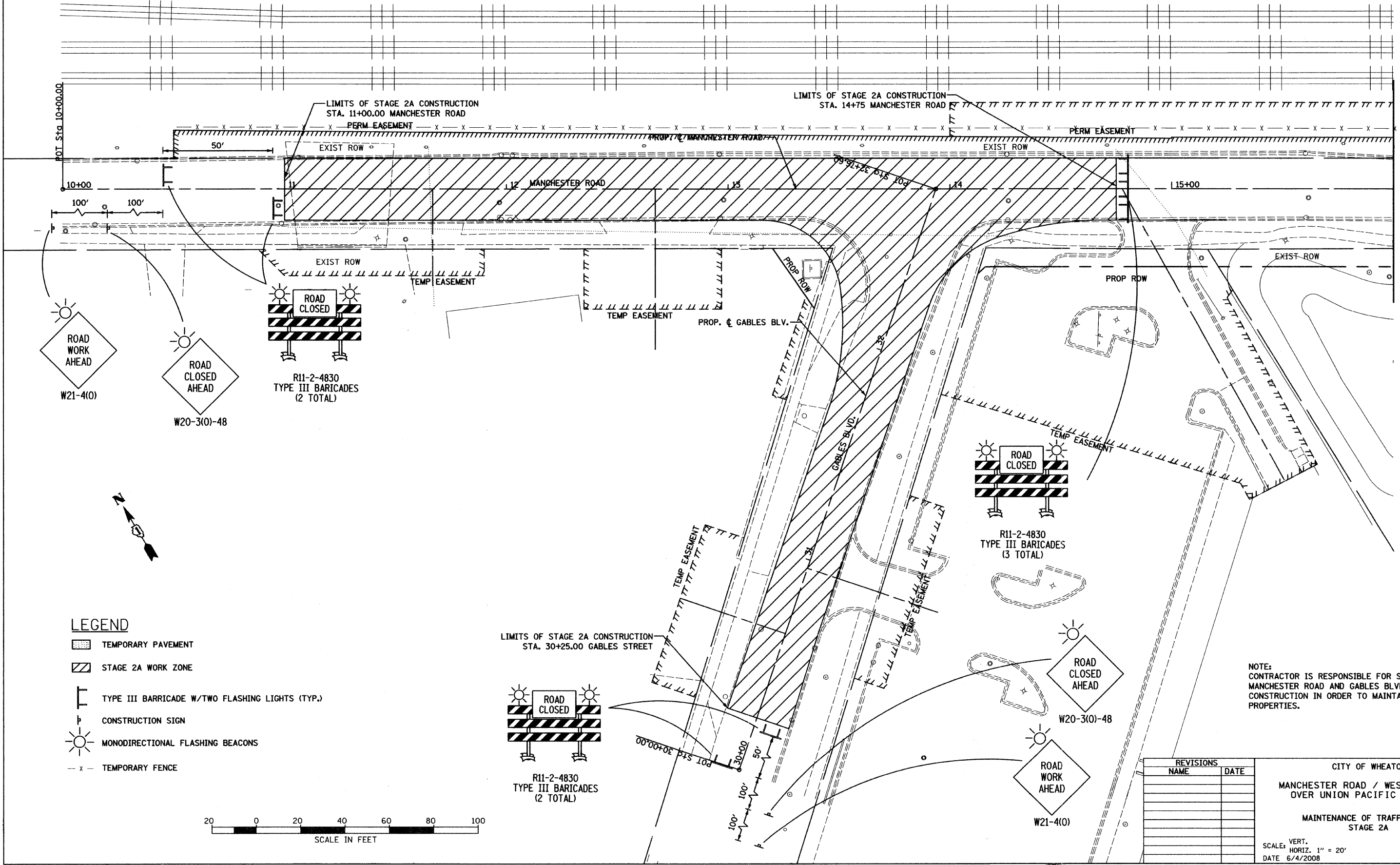
NOTE:  
CONTRACTOR IS RESPONSIBLE FOR SUB STAGING  
FRONT STREET AND WESLEY STREET DURING  
CONSTRUCTION IN ORDER TO MAINTAIN ACCESS TO ALL  
PROPERTIES.

REVISIONS	
NAME	DATE

CITY OF WHEATON  
MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD  
MAINTENANCE OF TRAFFIC PLAN  
STAGE 2

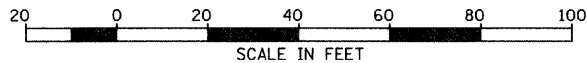
SCALE: VERT. 1" = 20'  
HORIZ. 1" = 20'  
DATE 6/4/2008  
DRAWN BY WR  
CHECKED BY JLC





**LEGEND**

- TEMPORARY PAVEMENT
- STAGE 2A WORK ZONE
- TYPE III BARRICADE W/TWO FLASHING LIGHTS (TYP.)
- CONSTRUCTION SIGN
- MONODIRECTIONAL FLASHING BEACONS
- TEMPORARY FENCE



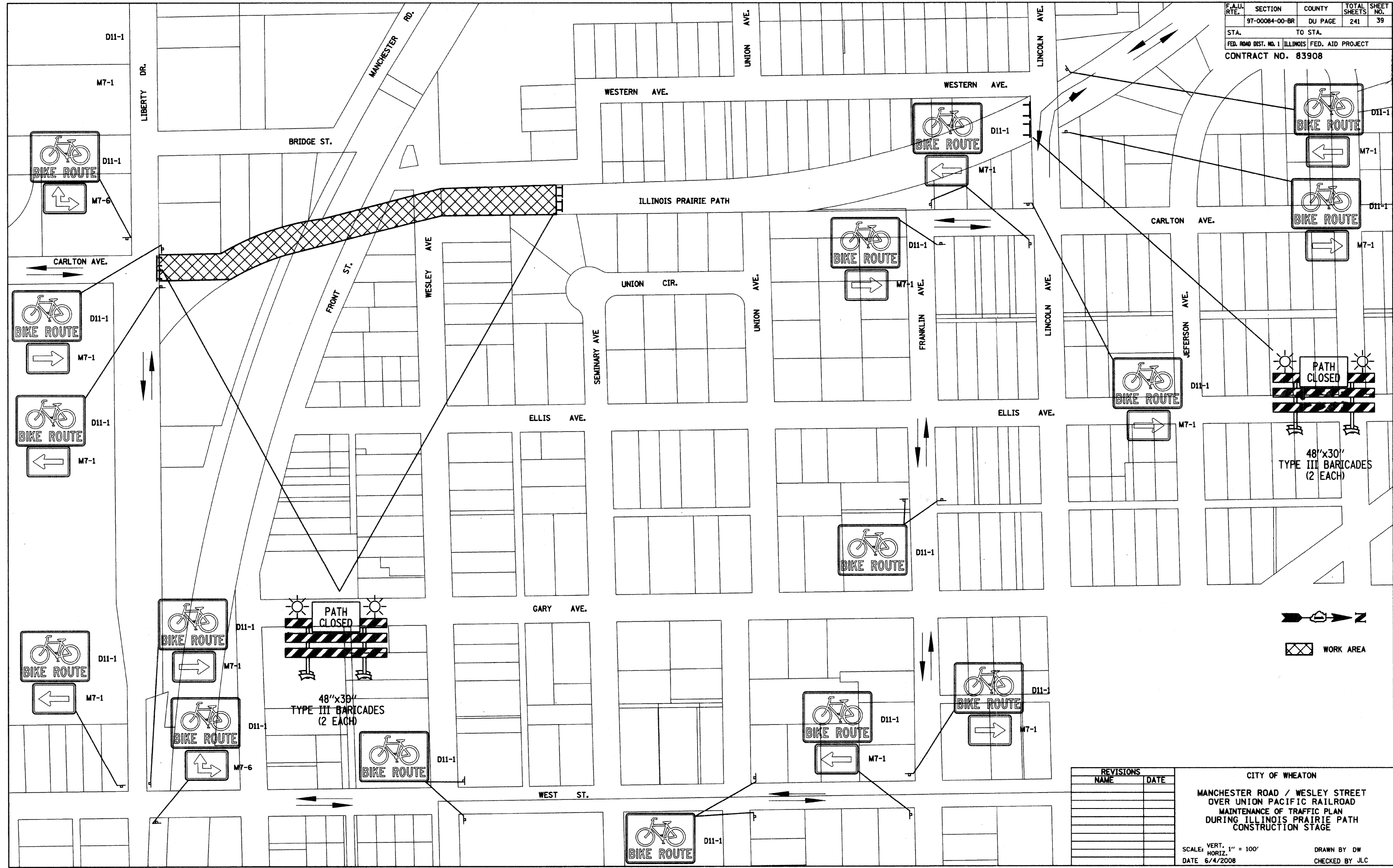
NOTE: CONTRACTOR IS RESPONSIBLE FOR SUB STAGING MANCHESTER ROAD AND GABLES BLVD. DURING CONSTRUCTION IN ORDER TO MAINTAIN ACCESS TO ALL PROPERTIES.

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 MAINTENANCE OF TRAFFIC PLAN  
 STAGE 2A

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 20'  
 DATE: 6/4/2008  
 DRAWN BY: DW  
 CHECKED BY: JLC

MATCH LINE 16+00



REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 MAINTENANCE OF TRAFFIC PLAN  
 DURING ILLINOIS PRAIRIE PATH  
 CONSTRUCTION STAGE

SCALE: VERT. 1" = 100'  
 HORIZ. 1" = 100'  
 DATE 6/4/2008  
 DRAWN BY DW  
 CHECKED BY JLC

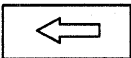

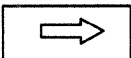
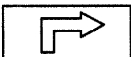



## DETOUR LEGEND

### ROUTE MARKERS

MANCHESTER RD.	SPECIAL 24"x18" VARIABLE 4" BLACK LETTERS ON WHITE REFLECTIVE BACKGROUND
WESLEY ST.	SPECIAL 24"x18" VARIABLE 4" BLACK LETTERS ON WHITE REFLECTIVE BACKGROUND

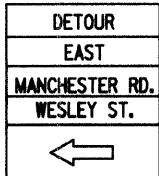
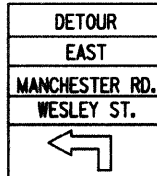
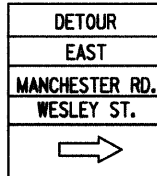
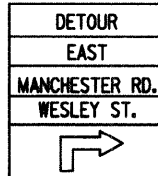
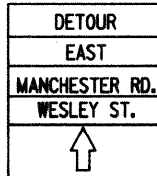
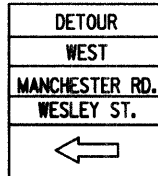
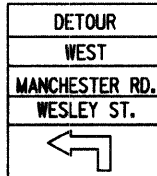
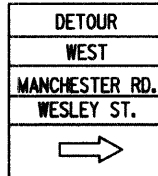
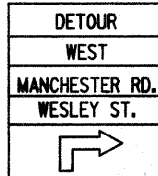
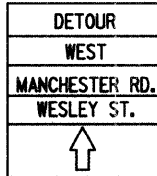
### ARROW SIGNS

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

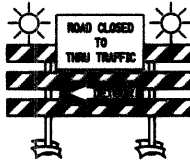


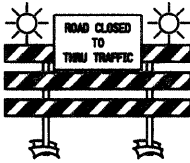

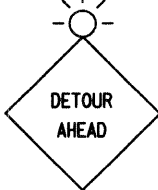



### CARDINAL DIRECTION & DETOUR SIGNS

EAST	M3-2-2412
WEST	M3-4-2412
DETOUR	M4-8-2412

### DETOUR SIGNS

Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	Ⓘ	Ⓚ
									

### DETOUR SIGNS

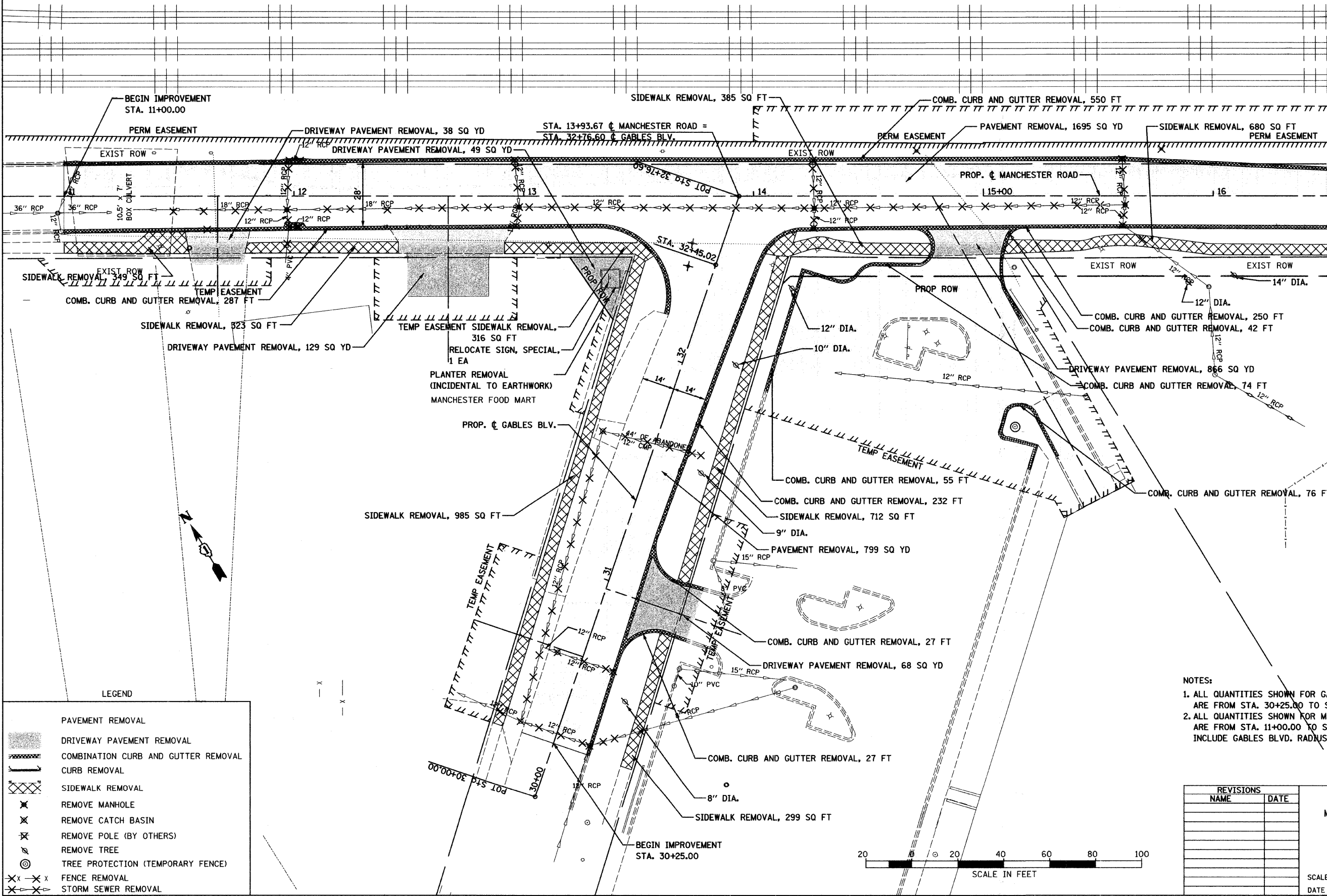
①	②	③	④	⑤	⑥	⑦	⑧	⑨
								
R11-4-6030 M4-10L-4818 TYPE III BARRICADES	R11-4-6030 M4-10R-4818 TYPE III BARRICADES	R11-2-4830 TYPE III BARRICADES	R11-4-6030 TYPE III BARRICADES	48"x30" TYPE III BARRICADES	W20-2(O)-48	W20-3(O)-48	W21-4(O)-48	M4-8A

REVISIONS	
NAME	DATE

CITY OF WHEATON  
MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD  
MAINTENANCE OF TRAFFIC  
DETOUR PLAN

SCALE: VERT. NTS  
HORIZ. DATE 6/4/2008

DRAWN BY MBT  
CHECKED BY ALT

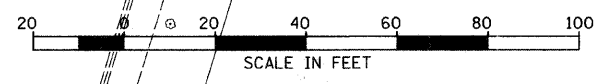


MATCH LINE 16+50

LEGEND

	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	CURB REMOVAL
	SIDEWALK REMOVAL
	REMOVE MANHOLE
	REMOVE CATCH BASIN
	REMOVE POLE (BY OTHERS)
	REMOVE TREE
	TREE PROTECTION (TEMPORARY FENCE)
	FENCE REMOVAL
	STORM SEWER REMOVAL

NOTES:  
 1. ALL QUANTITIES SHOWN FOR GABLES BLVD. ARE FROM STA. 30+25.00 TO STA. 32+17.78  
 2. ALL QUANTITIES SHOWN FOR MANCHESTER RD. ARE FROM STA. 11+00.00 TO STA. 16+50.00 AND INCLUDE GABLES BLVD. RADIUS RETURN



REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD

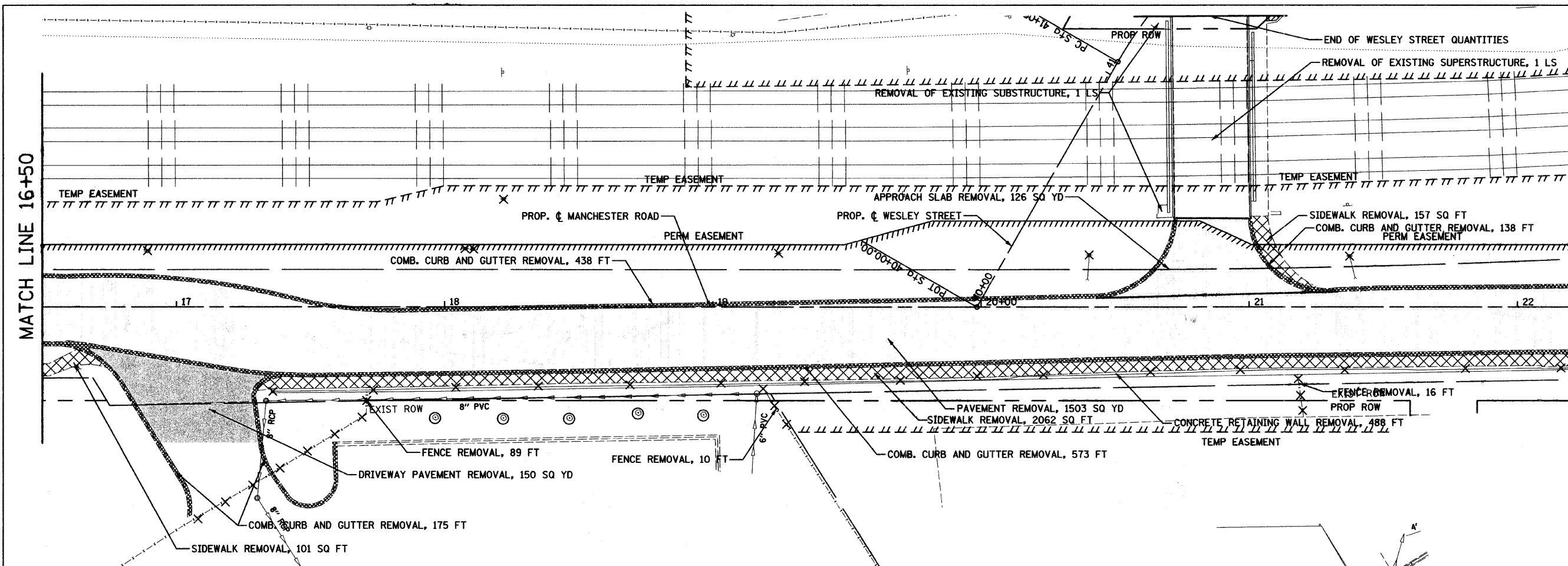
REMOVAL PLAN

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 20'  
 DATE 6/4/2008

DRAWN BY BJW  
 CHECKED BY JLC

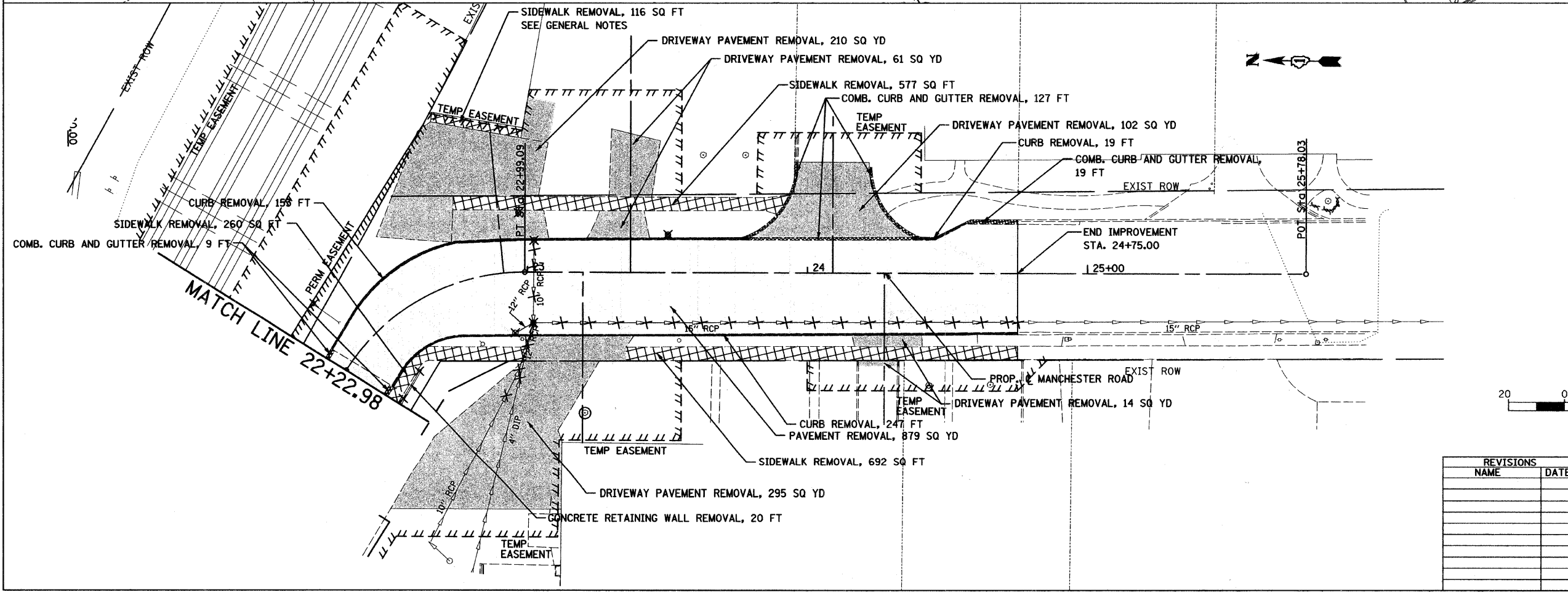


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
97-00084-00-BR	DU PAGE	ILLINOIS	241	43
STA. 17+00	TO STA. 24+75.00			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 83908				



MATCH LINE 22+22.98

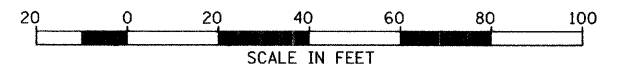
- NOTES:
1. ALL QUANTITIES SHOWN FOR MANCHESTER RD. ARE FROM STA. 16+50.00 TO STA. 22+22.98
  2. ALL QUANTITIES SHOWN FOR WESLEY ST. ARE FROM STA. 40+00.00 TO STA. 41+24.99



LEGEND

	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	CURB REMOVAL
	SIDEWALK REMOVAL
	REMOVE MANHOLE
	REMOVE CATCH BASIN
	REMOVE POLE (BY OTHERS)
	REMOVE TREE
	TREE PROTECTION (TEMPORARY FENCE)
	FENCE REMOVAL
	STORM SEWER REMOVAL

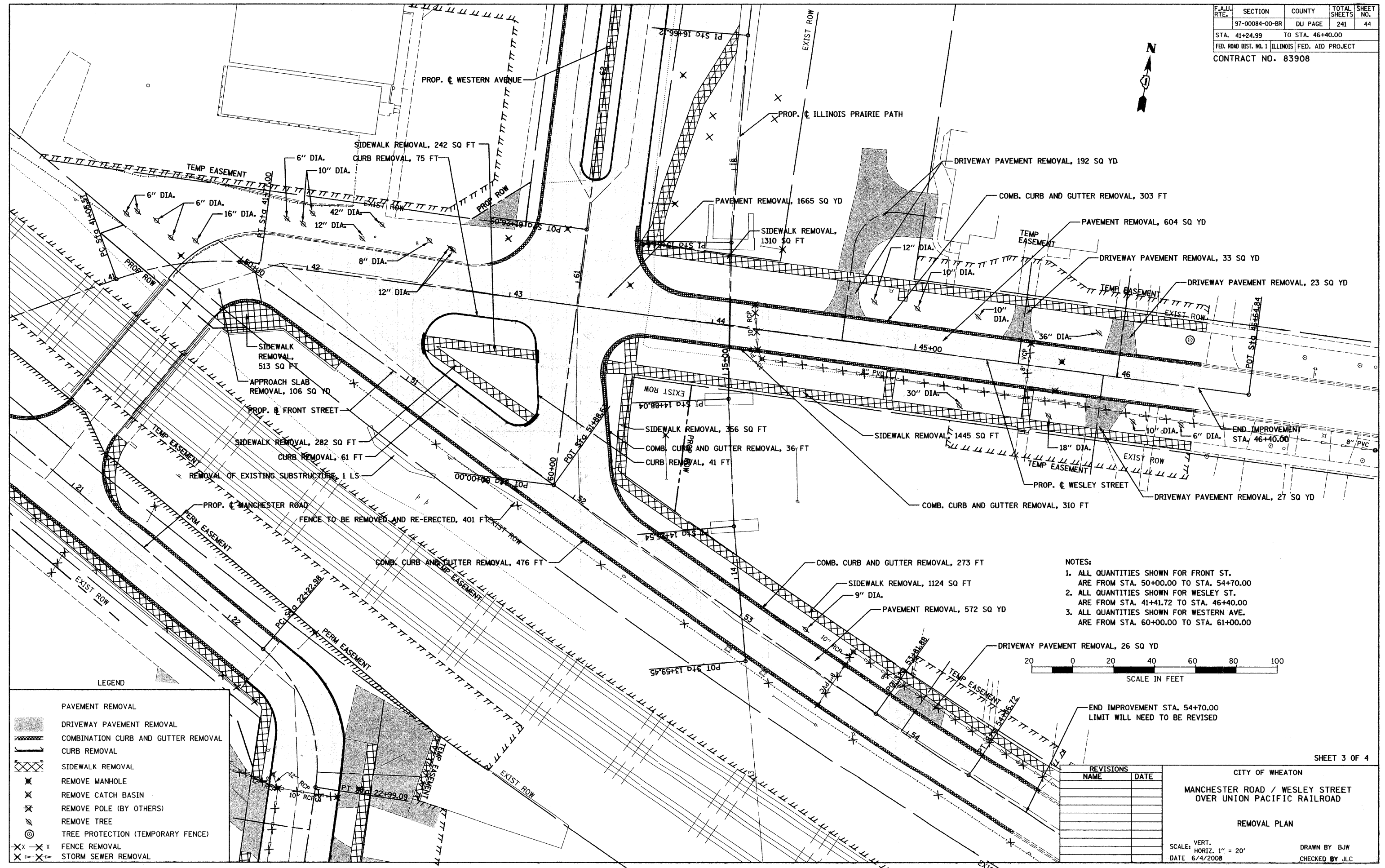
- NOTES:
1. ALL QUANTITIES SHOWN FOR MANCHESTER RD. ARE FROM STA. 22+22.98 TO STA. 24+75.00



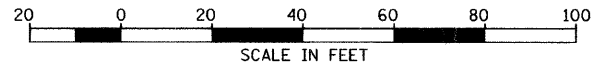
SHEET 2 OF 4

REVISIONS	
NAME	DATE

CITY OF WHEATON  
**MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD**  
  
**REMOVAL PLAN**  
  
SCALE: VERT. 1" = 20'  
HORIZ. 1" = 20'  
DATE 6/4/2008  
DRAWN BY BJW  
CHECKED BY JLC



- NOTES:
1. ALL QUANTITIES SHOWN FOR FRONT ST. ARE FROM STA. 50+00.00 TO STA. 54+70.00
  2. ALL QUANTITIES SHOWN FOR WESLEY ST. ARE FROM STA. 41+41.72 TO STA. 46+40.00
  3. ALL QUANTITIES SHOWN FOR WESTERN AVE. ARE FROM STA. 60+00.00 TO STA. 61+00.00



LEGEND

	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	CURB REMOVAL
	SIDEWALK REMOVAL
	REMOVE MANHOLE
	REMOVE CATCH BASIN
	REMOVE POLE (BY OTHERS)
	REMOVE TREE
	TREE PROTECTION (TEMPORARY FENCE)
	FENCE REMOVAL
	STORM SEWER REMOVAL

REVISIONS	
NAME	DATE

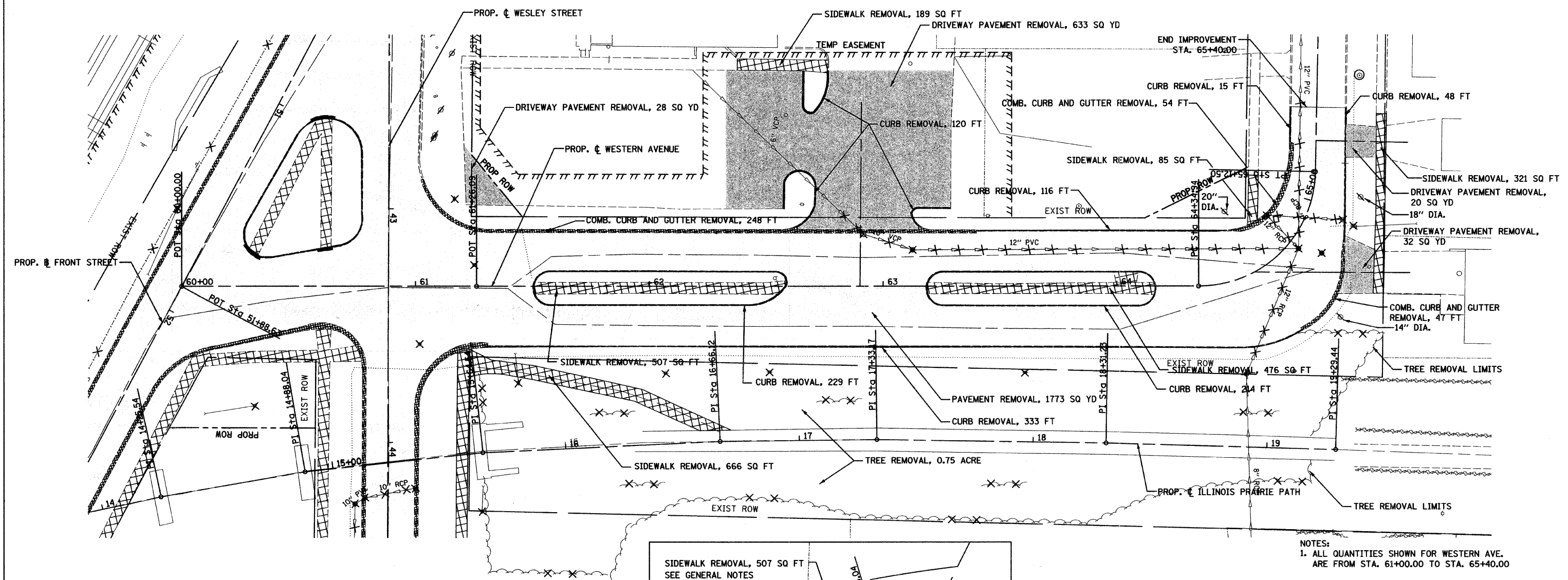
SHEET 3 OF 4

CITY OF WHEATON  
MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD

REMOVAL PLAN

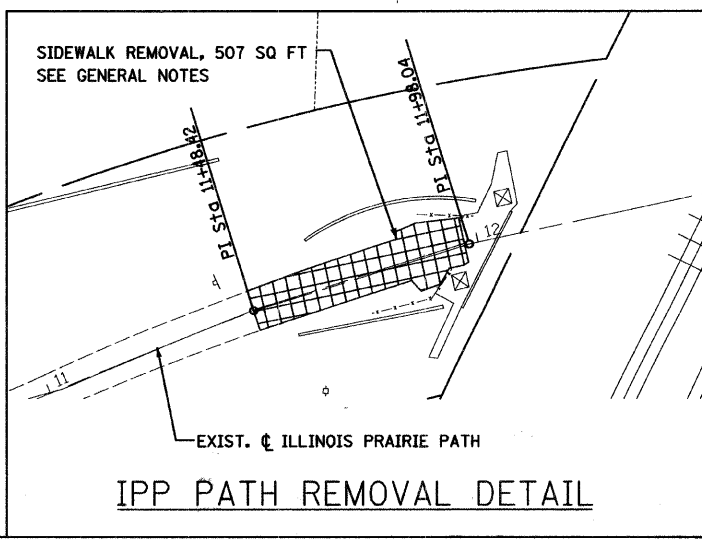
SCALE: VERT. 1" = 20'  
HORIZ. 1" = 20'  
DATE 6/4/2008

DRAWN BY BJW  
CHECKED BY JLC

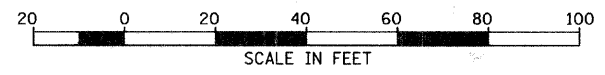


LEGEND

	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	CURB REMOVAL
	SIDEWALK REMOVAL
	REMOVE MANHOLE
	REMOVE CATCH BASIN
	REMOVE POLE (BY OTHERS)
	REMOVE TREE
	TREE PROTECTION (TEMPORARY FENCE)
	FENCE REMOVAL
	STORM SEWER REMOVAL
	TREE REMOVAL (ACRE)



- NOTES:
1. ALL QUANTITIES SHOWN FOR WESTERN AVE. ARE FROM STA. 61+00.00 TO STA. 65+40.00
  2. REMOVAL OF EXISTING RETAINING WALL ALONG THE ILLINOIS PRAIRIE PATH WILL BE INCIDENTAL TO PAVEMENT REMOVAL.
  3. TREE REMOVAL, ACRE WILL BE ALONG IPP PATH

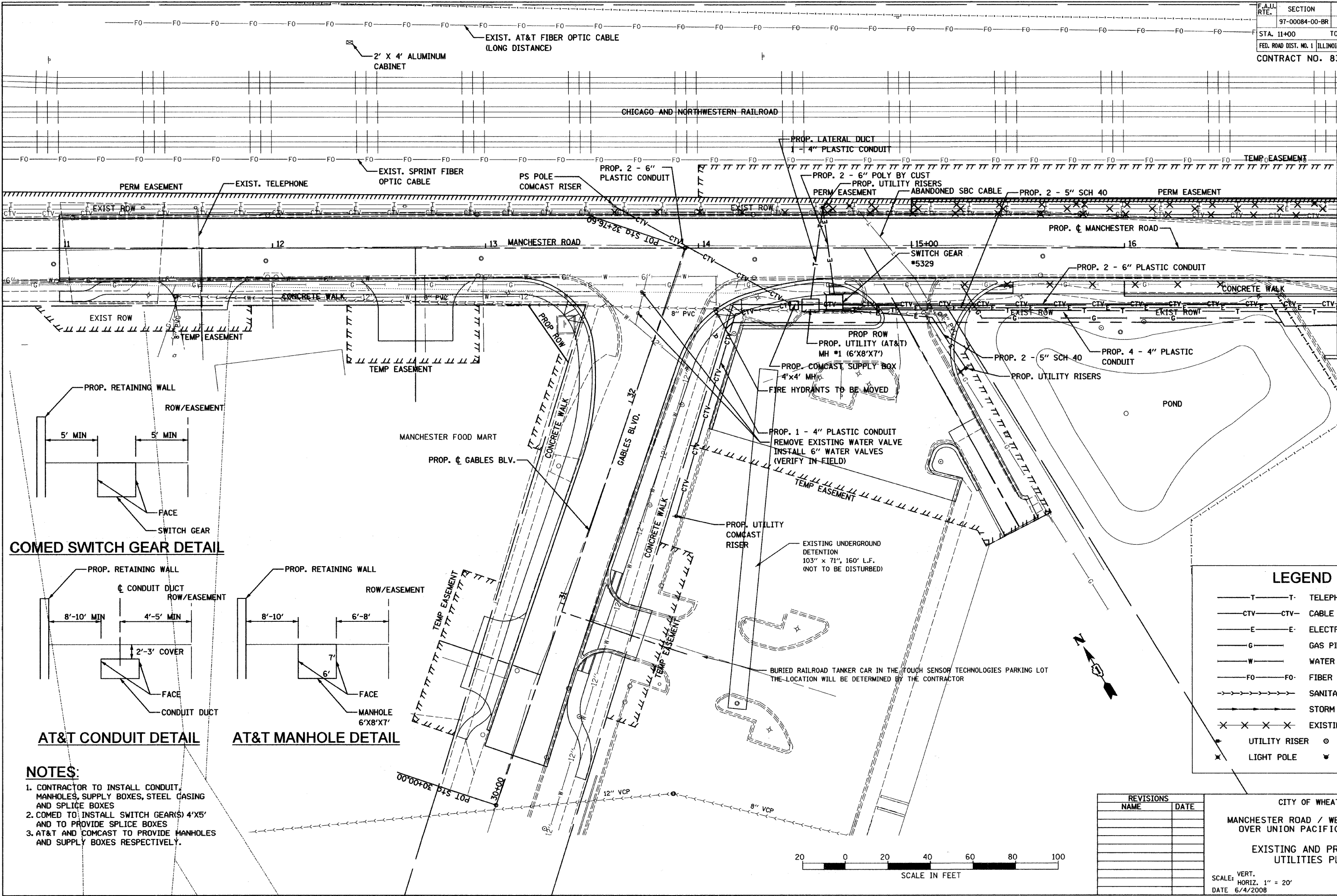


REVISIONS		NAME	DATE
NO.	DESCRIPTION		

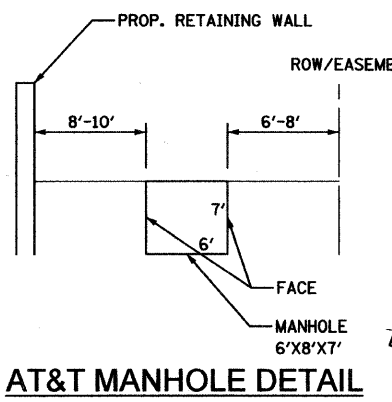
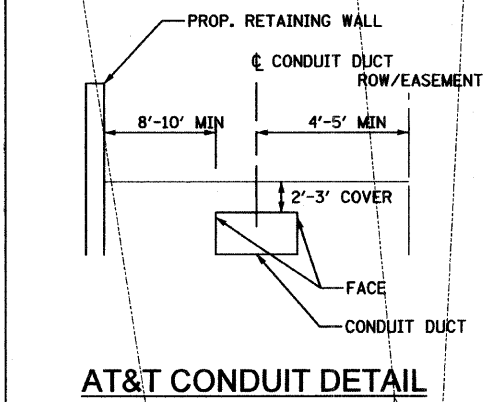
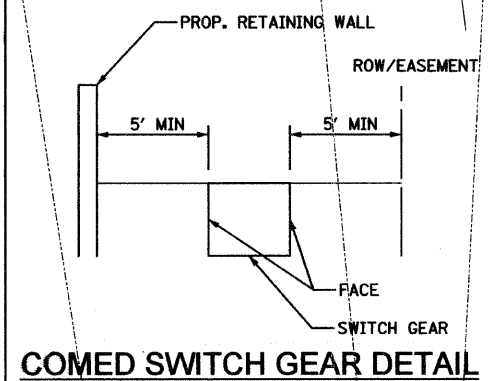
CITY OF WHEATON  
MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD  
REMOVAL PLAN

SCALE: VERT. 1" = 20'  
HORIZ.  
DATE 6/4/2008

DRAWN BY BJW  
CHECKED BY JLC



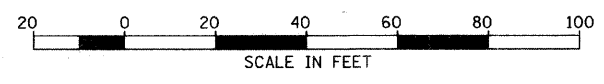
MATCH LINE 17+00



- NOTES:**
1. CONTRACTOR TO INSTALL CONDUIT, MANHOLES, SUPPLY BOXES, STEEL CASING AND SPLICE BOXES
  2. COMED TO INSTALL SWITCH GEARS(4'X5') AND TO PROVIDE SPLICE BOXES
  3. AT&T AND COMCAST TO PROVIDE MANHOLES AND SUPPLY BOXES RESPECTIVELY.

**LEGEND**

—T—T—	TELEPHONE	—○—	MANHOLE
—CTV—CTV—	CABLE TELEVISION	—●—	FIRE HYDRANT
—E—E—	ELECTRIC		
—G—G—	GAS PIPE		
—W—W—	WATER PIPE		
—FO—FO—	FIBER OPTIC		
—S—S—	SANITARY SEWER		
—SS—SS—	STORM SEWER		
—X—X—X—X—	EXISTING UTILITY REMOVAL		
—○—	UTILITY RISER		
—●—	MANHOLE		
—X—	LIGHT POLE		
—●—	FIRE HYDRANT		



REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD

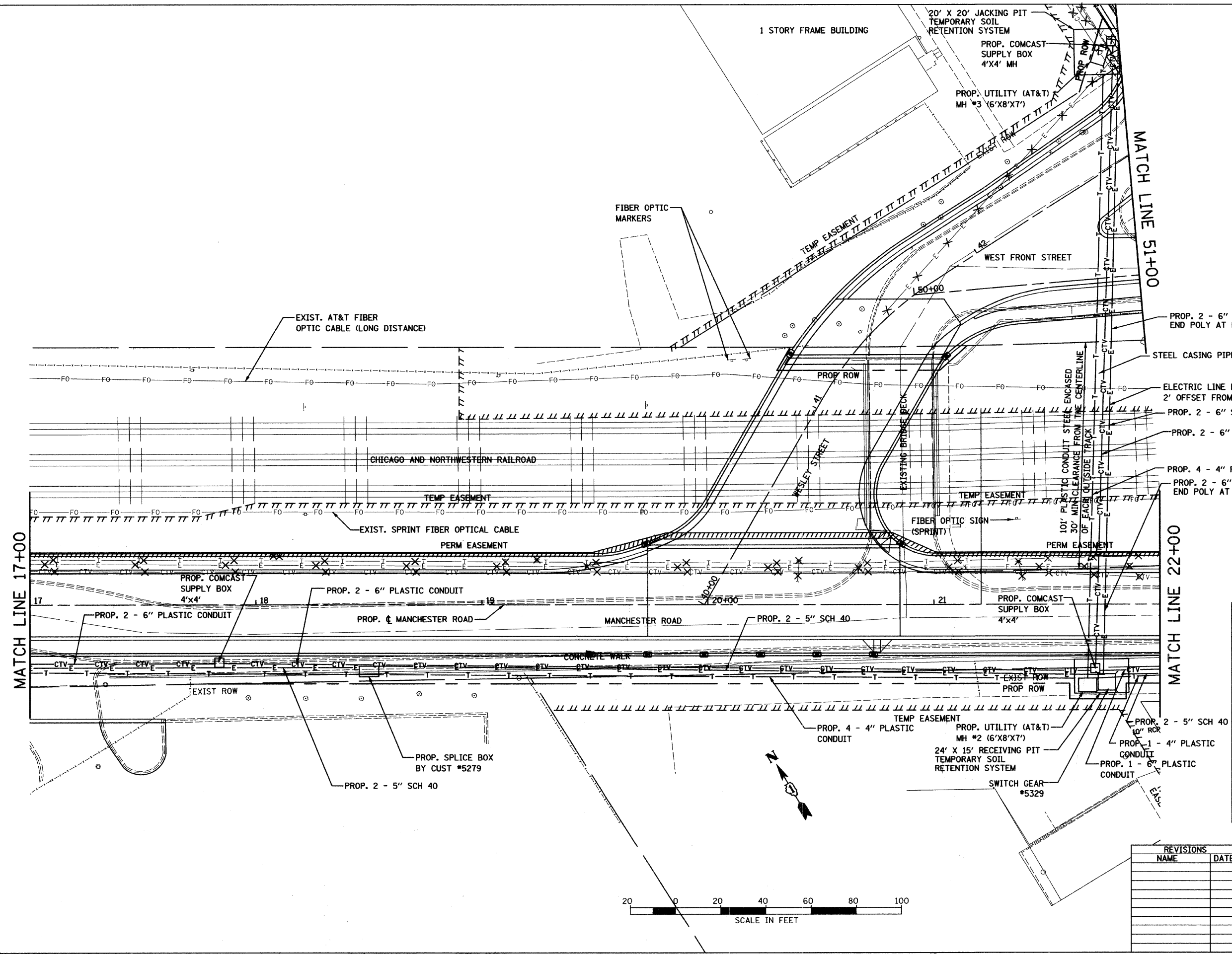
**EXISTING AND PROPOSED UTILITIES PLAN**

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 20'  
 DATE 6/4/2008

DRAWN BY DWV  
 CHECKED BY VVS



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	97-00084-00-BR	DU PAGE	241	47
STA. 17+00		TO STA. 22+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 83908				



### LEGEND

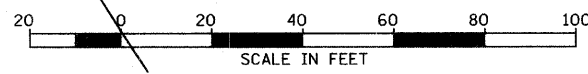
—T—T—	TELEPHONE
—CTV—CTV—	CABLE TELEVISION
—E—E—	ELECTRIC
—G—G—	GAS PIPE
—W—W—	WATER PIPE
—FO—FO—	FIBER OPTIC
—SS—SS—	SANITARY SEWER
—SS—SS—	STORM SEWER
✕✕✕✕	EXISTING UTILITY REMOVAL
⊕	UTILITY RISER
⊙	MANHOLE
✕	LIGHT POLE
⊕	FIRE HYDRANT

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 EXISTING AND PROPOSED  
 UTILITIES PLAN

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 20'  
 DATE: 6/4/2008

DRAWN BY: DWV  
 CHECKED BY: VYS

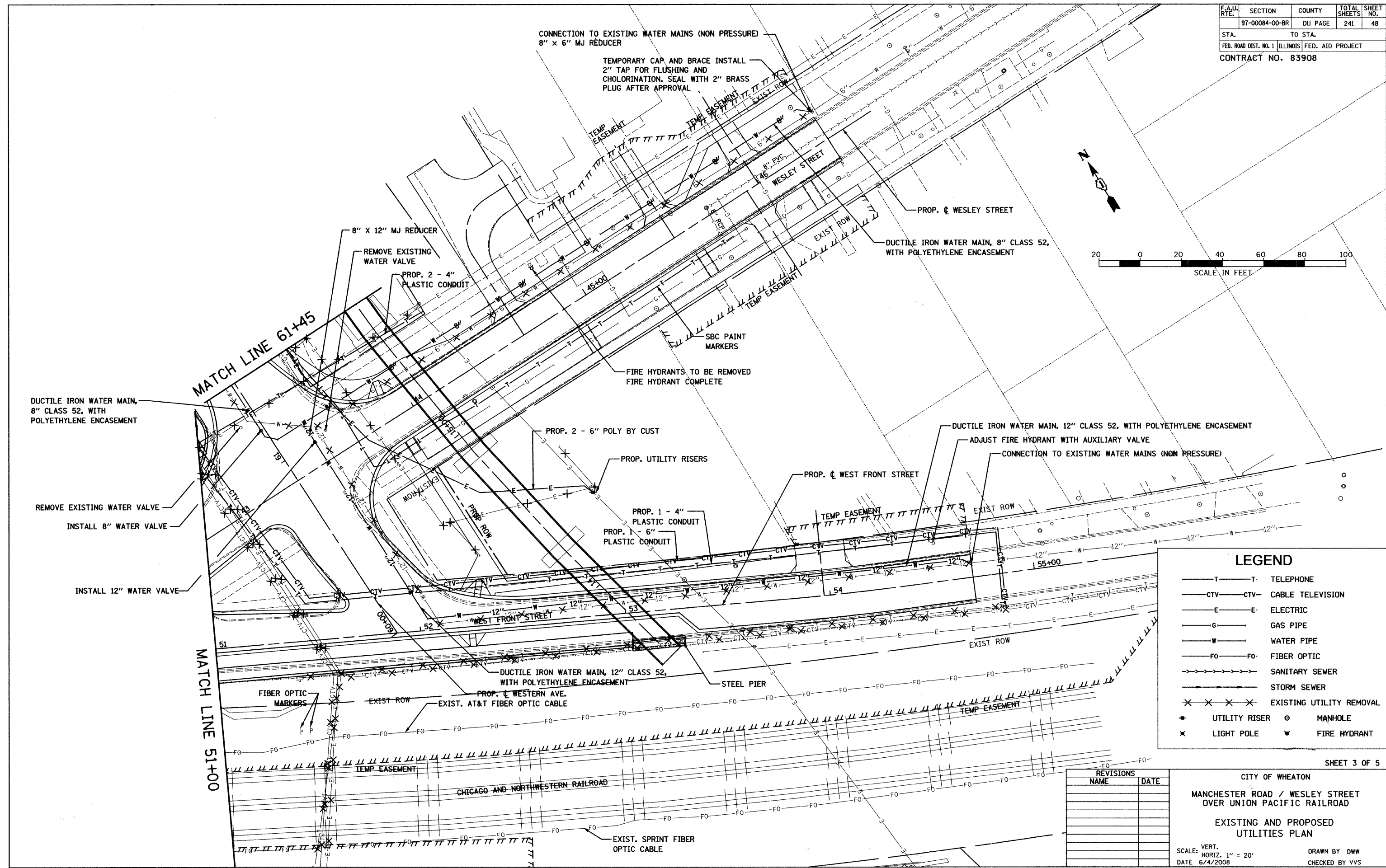
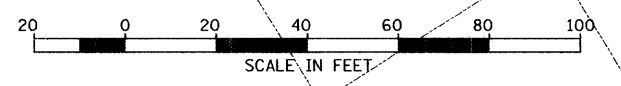
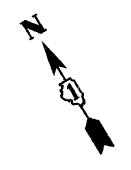




F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
97-00084-00-BR	DU PAGE	ILLINOIS	241	48
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 83908				

CONNECTION TO EXISTING WATER MAINS (NON PRESSURE)  
8" x 6" MJ REDUCER

TEMPORARY CAP AND BRACE INSTALL  
2" TAP FOR FLUSHING AND  
CHLORINATION. SEAL WITH 2" BRASS  
PLUG AFTER APPROVAL



### LEGEND

—T—T—	TELEPHONE
—CTV—CTV—	CABLE TELEVISION
—E—E—	ELECTRIC
—G—G—	GAS PIPE
—W—W—	WATER PIPE
—FO—FO—	FIBER OPTIC
—SS—SS—	SANITARY SEWER
—SS—SS—	STORM SEWER
X X X X	EXISTING UTILITY REMOVAL
⊕	UTILITY RISER
⊙	MANHOLE
⊗	LIGHT POLE
⊕	FIRE HYDRANT

MATCH LINE 61+45

MATCH LINE 51+00

REVISIONS	
NAME	DATE

CITY OF WHEATON  
MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD

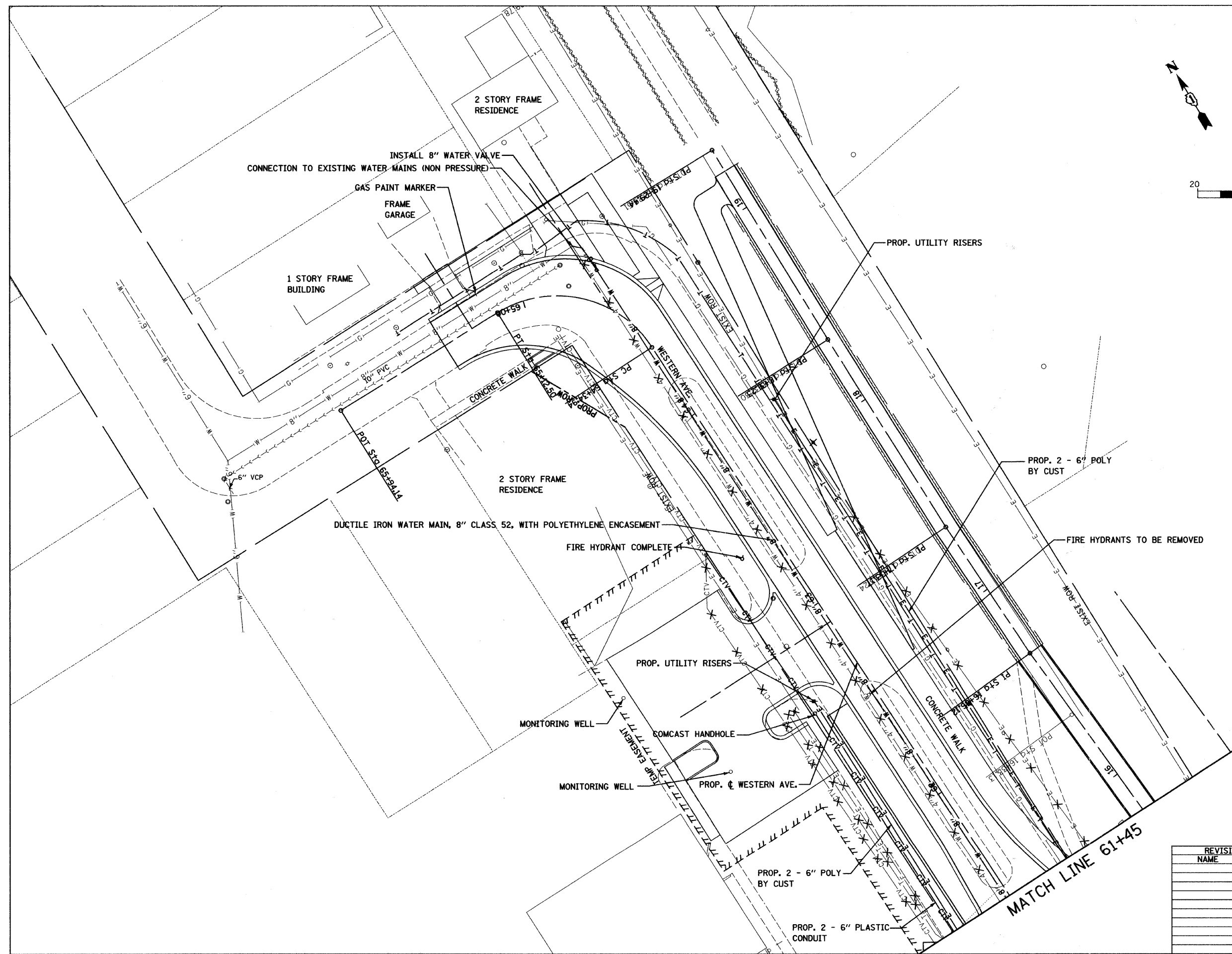
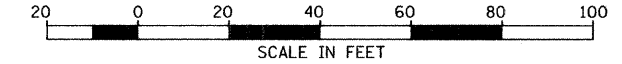
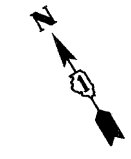
EXISTING AND PROPOSED  
UTILITIES PLAN

SCALE: VERT. 1" = 20'  
HORIZ. 1" = 20'  
DATE 6/4/2008

DRAWN BY DWV  
CHECKED BY VVS



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	97-00084-00-BR	DU PAGE	241	50
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 83908				



### LEGEND

—T—T—	TELEPHONE
—CTV—CTV—	CABLE TELEVISION
—E—E—	ELECTRIC
—G—G—	GAS PIPE
—W—W—	WATER PIPE
—FO—FO—	FIBER OPTIC
—SS—SS—	SANITARY SEWER
—SS—SS—	STORM SEWER
X X X X	EXISTING UTILITY REMOVAL
•	UTILITY RISER
○	MANHOLE
X	LIGHT POLE
▼	FIRE HYDRANT

SHEET 5 OF 5

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 EXISTING AND PROPOSED  
 UTILITIES PLAN

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 20'  
 DATE 6/4/2008

DRAWN BY DWV  
 CHECKED BY VVS

MATCH LINE 61+45









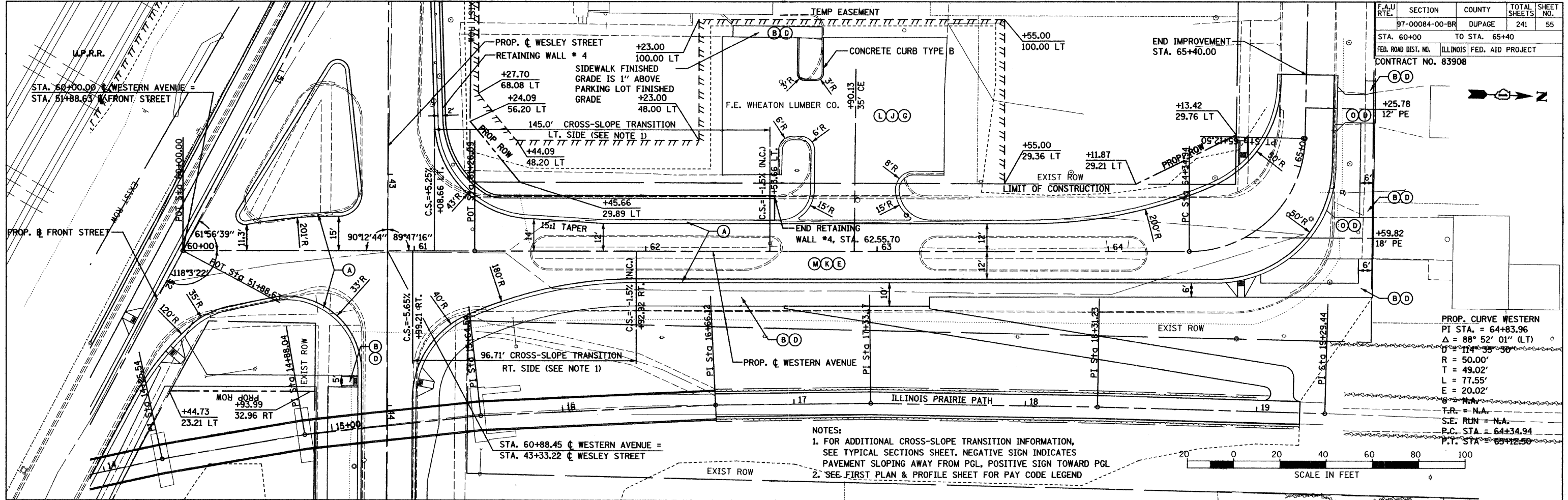




F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO.	97-00084-00-BR DUPAGE 241 55
STA. 60+00 TO STA. 65+40	ILLINOIS FED. AID PROJECT
CONTRACT NO. 83908	

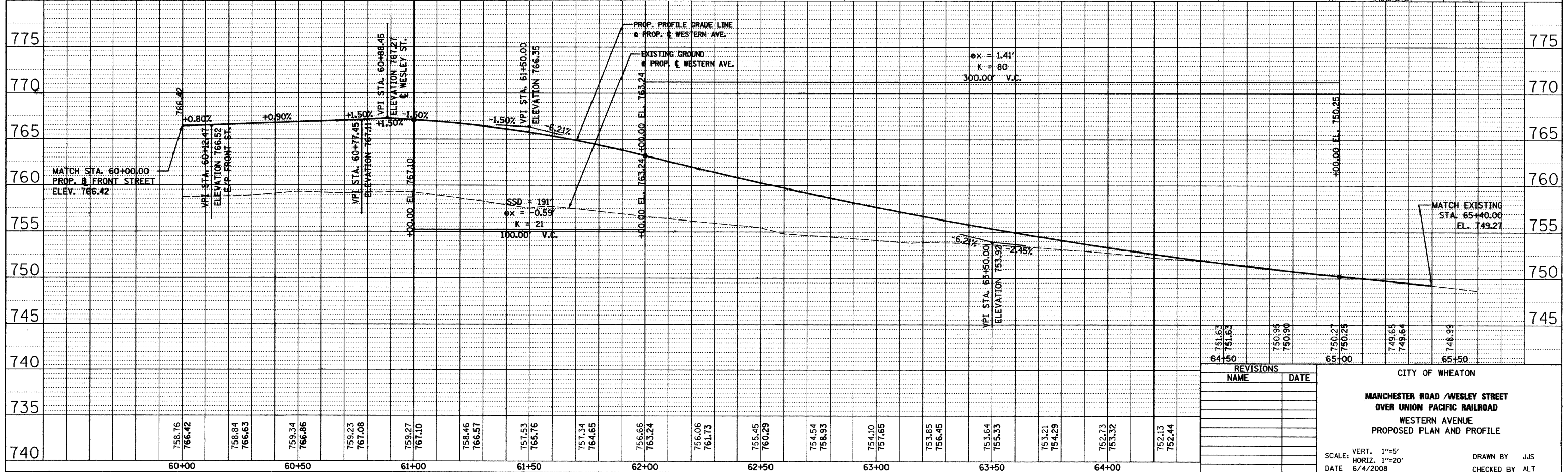
DATE	BY
REVIEWED	PLANNED
NOTE BOOK	ALIGNMENT CHECKED
NO.	DATE FILE NAME

DATE	BY
REVIEWED	PROFILES
NOTE BOOK	GRADES CHECKED
NO.	STRUCTURE NOTATION GRID



NOTES:  
 1. FOR ADDITIONAL CROSS-SLOPE TRANSITION INFORMATION, SEE TYPICAL SECTIONS SHEET. NEGATIVE SIGN INDICATES PAVEMENT SLOPING AWAY FROM PGL, POSITIVE SIGN TOWARD PGL  
 2. SEE FIRST PLAN & PROFILE SHEET FOR PAY CODE LEGEND

PROP. CURVE WESTERN  
 PI STA. = 64+83.96  
 $\Delta = 88^\circ 52' 01''$  (LT)  
 $D = 114.33$   
 $R = 50.00'$   
 $T = 49.02'$   
 $L = 77.55'$   
 $E = 20.02'$   
 $F.R. = N.A.$   
 $S.E. RUN = N.A.$   
 $P.C. STA. = 64+34.94$   
 $P.T. STA. = 65+12.50$



REVISIONS	
NAME	DATE

CITY OF WHEATON  
**MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD**  
 WESTERN AVENUE  
 PROPOSED PLAN AND PROFILE

SCALE: VERT. 1"=5'  
 HORIZ. 1"=20'  
 DATE 6/4/2008

DRAWN BY JJS  
 CHECKED BY ALT



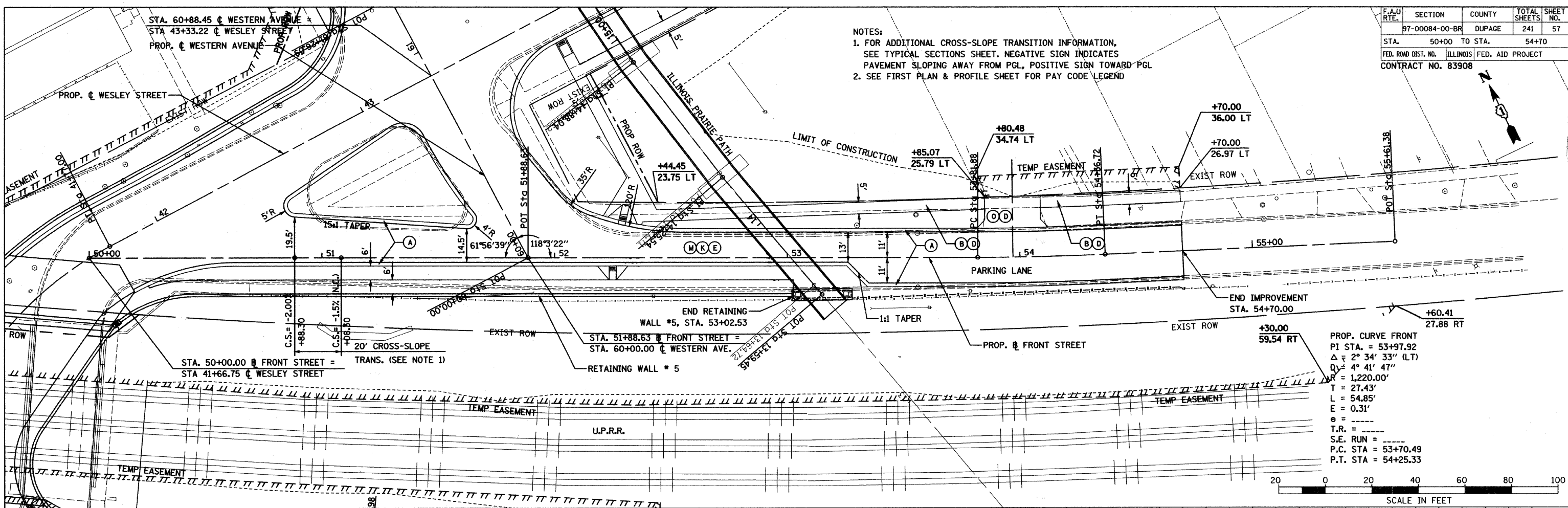


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
97-0084-00-BR	DUPAGE	ILLINOIS	241	57
STA. 50+00	TO STA. 54+70			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 83908				

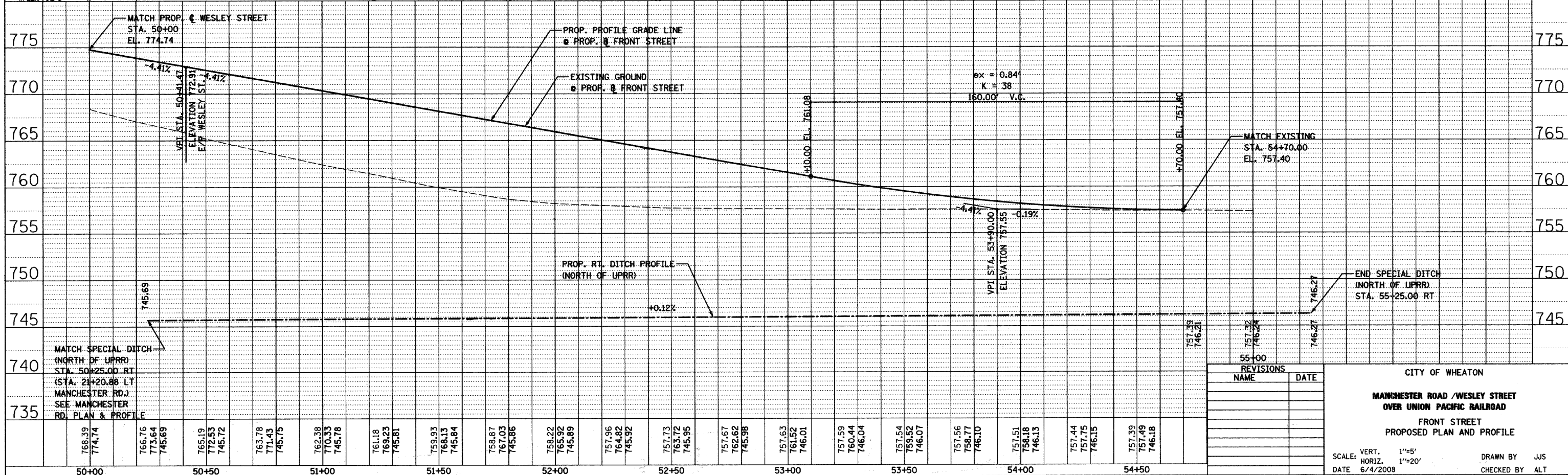
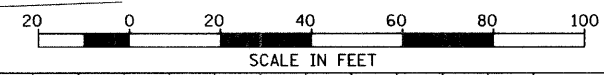
NOTES:  
 1. FOR ADDITIONAL CROSS-SLOPE TRANSITION INFORMATION, SEE TYPICAL SECTIONS SHEET. NEGATIVE SIGN INDICATES PAVEMENT SLOPING AWAY FROM PGL, POSITIVE SIGN TOWARD PGL  
 2. SEE FIRST PLAN & PROFILE SHEET FOR PAY CODE LEGEND

DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	

DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	



PROP. CURVE FRONT  
 PI STA. = 53+97.92  
 $\Delta = 2^\circ 34' 33''$  (LT)  
 $D = 4^\circ 41' 47''$   
 $R = 1,220.00'$   
 $T = 27.43'$   
 $L = 54.85'$   
 $E = 0.31'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. \text{ RUN} = \text{---}$   
 $P.C. \text{ STA} = 53+70.49$   
 $P.T. \text{ STA} = 54+25.33$



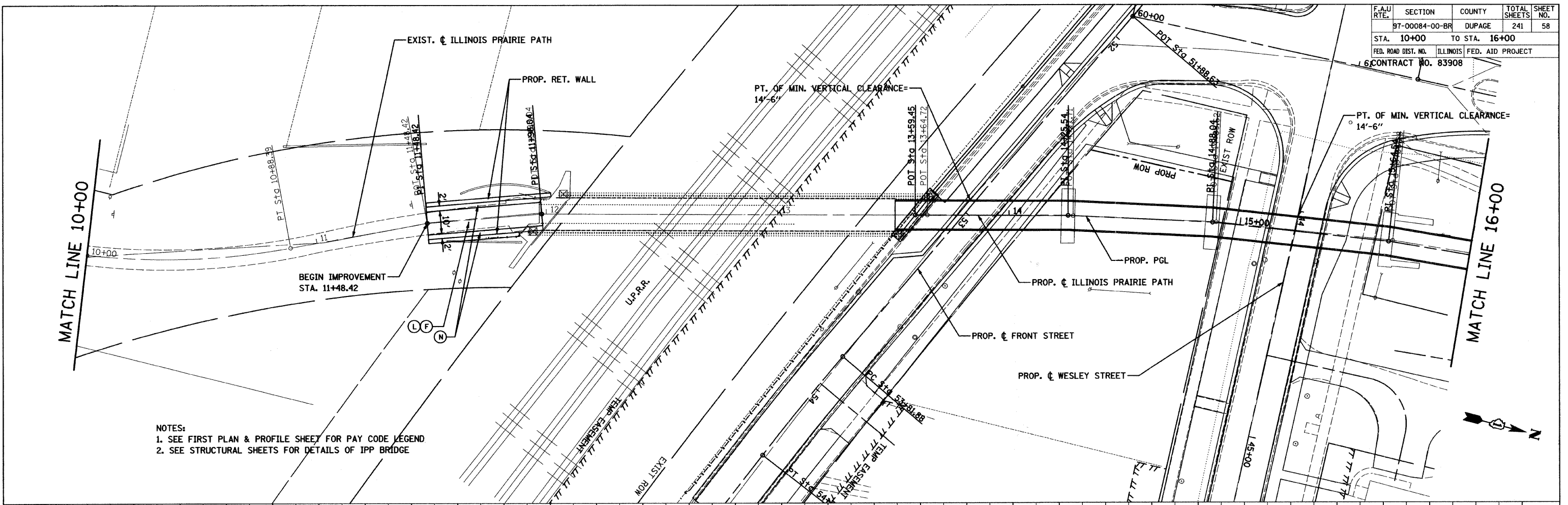
REVISIONS	NAME	DATE

CITY OF WHEATON  
**MANCHESTER ROAD / WESLEY STREET**  
**OVER UNION PACIFIC RAILROAD**  
**FRONT STREET**  
**PROPOSED PLAN AND PROFILE**

SCALE: VERT. 1"=5'  
 HORIZ. 1"=20'  
 DATE 6/4/2008  
 DRAWN BY JJS  
 CHECKED BY ALT

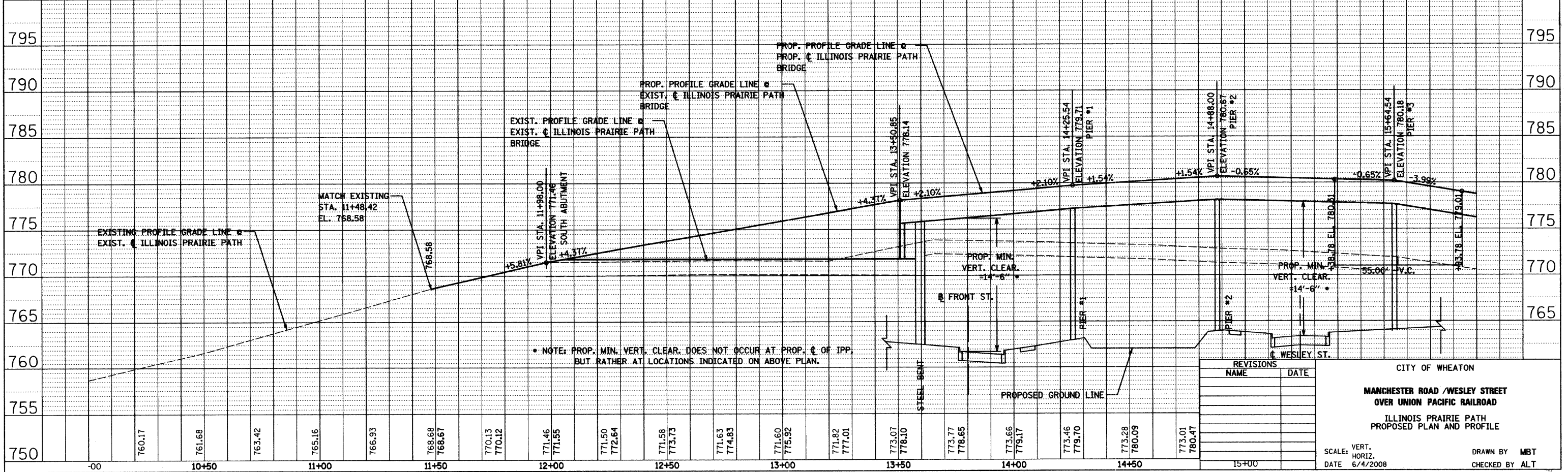
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
97-00084-00-BR	DUPAGE	ILLINOIS	241
STA. 10+00	TO STA. 16+00		58
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 83908	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	ADD FILE NAME		



NOTES:  
 1. SEE FIRST PLAN & PROFILE SHEET FOR PAY CODE LEGEND  
 2. SEE STRUCTURAL SHEETS FOR DETAILS OF IPP BRIDGE

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	STRUCTURE NOTATIONS CHRD		



\* NOTE: PROP. MIN. VERT. CLEAR. DOES NOT OCCUR AT PROP. C. OF IPP, BUT RATHER AT LOCATIONS INDICATED ON ABOVE PLAN.

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 ILLINOIS PRAIRIE PATH  
 PROPOSED PLAN AND PROFILE

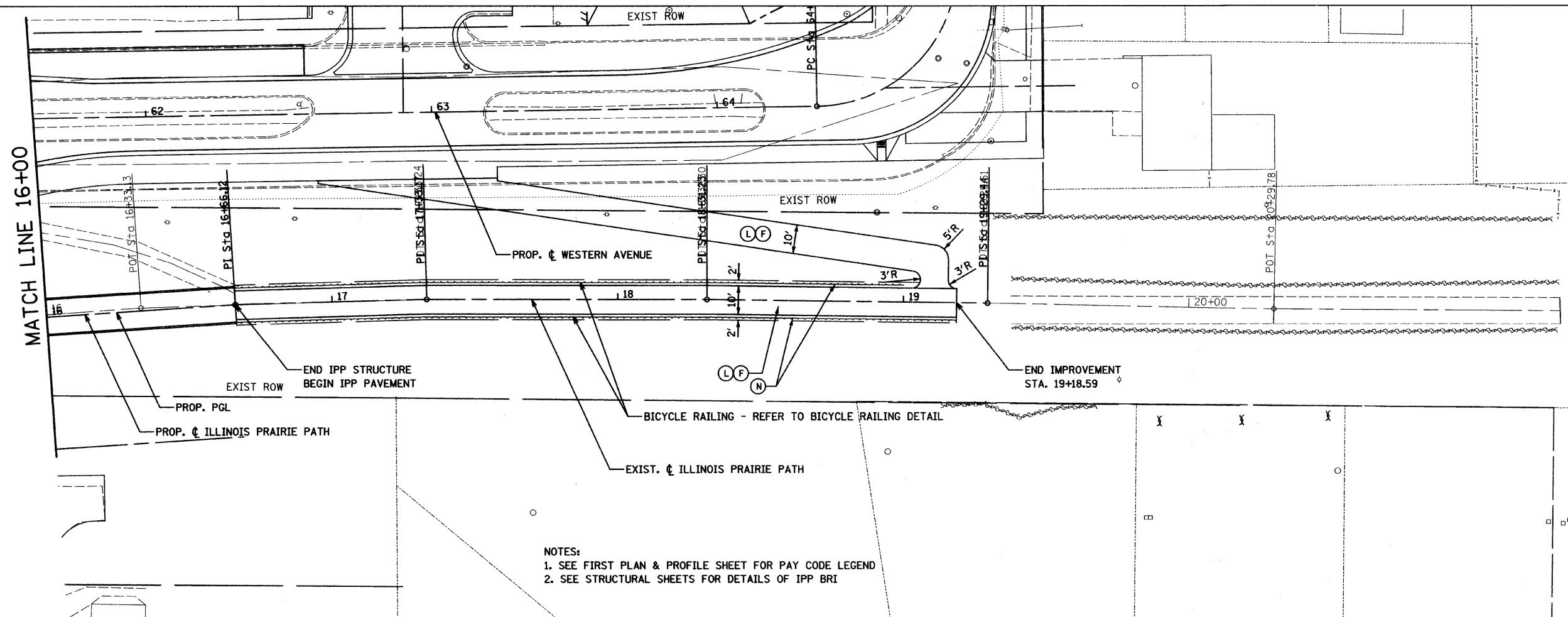
SCALE: VERT. 1"=20'  
 HORIZ. 1"=40'  
 DATE 6/4/2008

DRAWN BY MBT  
 CHECKED BY ALT

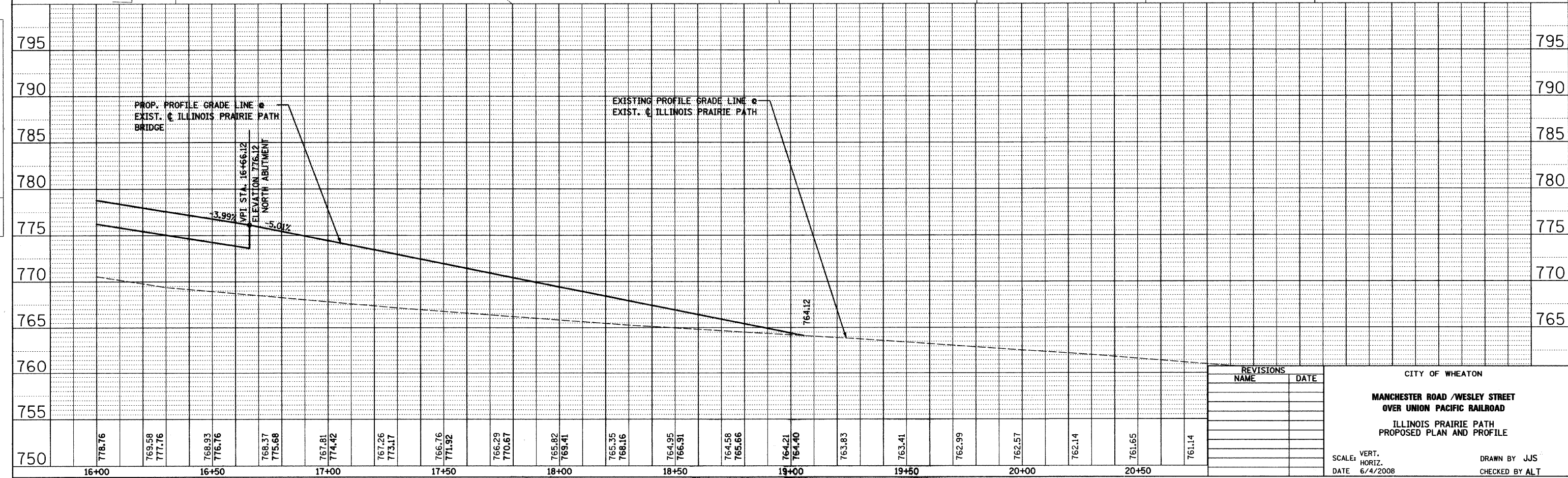
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
97-00084-00-BR	DUPAGE		241	59
STA. 16+00.00		TO STA. 18+52.07		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 83908				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	ADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	STRUCTURE NOTATIONS CHRD		



NOTES:  
 1. SEE FIRST PLAN & PROFILE SHEET FOR PAY CODE LEGEND  
 2. SEE STRUCTURAL SHEETS FOR DETAILS OF IPP BRI



REVISIONS	
NAME	DATE

CITY OF WHEATON

MANCHESTER ROAD /WESLEY STREET  
 OVER UNION PACIFIC RAILROAD

ILLINOIS PRAIRIE PATH  
 PROPOSED PLAN AND PROFILE

SCALE: VERT. 1"=10'  
 HORIZ. 1"=40'

DATE 6/4/2008

DRAWN BY JJS  
 CHECKED BY ALT





STRUCTURE NUMBER	STATION	OFFSET		STREET	CATCH BASIN	MANHOLE	FRAME	FLOWLINE OR RIM ELEVATION	INVERT	INVERT	INVERT	INVERT	INVERT	NOTES
CB-50	24+50.00	22.00	FT RT	MANCHESTER ROAD	CB, 4 FT DIA.		R-3010-A	756.67	751.88 S					CB OFFSET MEASURED TO FACE OF CURB
CB-47	24+50.00	15.70	FT LT	MANCHESTER ROAD	CB, 4 FT DIA.		R-3010-A	756.76	752.22 W					CB OFFSET MEASURED TO FACE OF CURB
MH-31	24+50.00	6.00	FT LT	MANCHESTER ROAD		MH, 4 FT DIA.	TYPE 1 FRAME CL	756.95	750.64 N	752.12 E	750.64 SW			
O-5	24+70.00	18.50	FT RT	MANCHESTER ROAD		MH, 5 FT DIA.	TYPE 1 FRAME CL	756.76	750.50 N	750.50 NE	750.50 S			2-FT SUMP, SEE RESTRICTOR PIPE DETAIL
CB-90	22+83.00	53.80	FT LT	MANCHESTER ROAD	CB, 4 FT DIA.		TYPE 1 FRAME OP	758.48	756.48 N					DRAIN PARKING LOT THROUGH WALL TO DITCH, SEE DETAIL DRAINAGE PLAN
MH-51	22+83.49	43.48	FT RT	MANCHESTER ROAD		MH, 4 FT DIA.	TYPE 1 FRAME CL	759.15	752.00 E	752.10 W				
MH-52	22+98.22	33.07	FT RT	MANCHESTER ROAD		MH, 4 FT DIA.	TYPE 1 FRAME CL	759.31	751.75 N	751.80 W				
CB-23	41+99.87	24.50	FT RT	WESLEY STREET	CB, 4 FT DIA.		R-3010-A	772.95	768.41 E					CB OFFSET MEASURED TO FACE OF CURB
CB-22	42+70.00	20.80	FT LT	WESLEY STREET	CB, 4 FT DIA.		R-3010-A	770.11	765.57 S					CB OFFSET MEASURED TO FACE OF CURB
MH-10	42+70.00	5.50	FT RT	WESLEY STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	770.31	765.44 N	765.34 E	765.46 W			
MH-11	43+05.00	5.50	FT RT	WESLEY STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	768.66	763.71 E	763.82 S	763.81 W			
CB-24	43+05.00	12.44	FT RT	WESLEY STREET	CB, 4 FT DIA.		R-3010-A	768.51	763.97 N					CB OFFSET MEASURED TO FACE OF CURB
CB-25	44+10.00	12.00	FT LT	WESLEY STREET	CB, 4 FT DIA.		R-3010-L	762.73	758.19 S					CB OFFSET MEASURED TO FACE OF CURB
CB-26	44+10.00	12.00	FT RT	WESLEY STREET	CB, 4 FT DIA.		R-3010-A	762.73	758.19 N					CB OFFSET MEASURED TO FACE OF CURB
MH-12	44+10.00	5.50	FT RT	WESLEY STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	762.87	758.04 N	757.91 E	758.04 S	758.02 W		
CB-82	44+50.00	46.00	FT LT	WESLEY STREET	CB, 2 FT DIA.		TYPE 8 F&G	757.04	753.90 SE					
CB-86	44+90.00	33.00	FT LT	WESLEY STREET	CB, 2 FT DIA.		TYPE 8 F&G	757.16	754.10 SW					
CB-27	44+80.00	12.00	FT LT	WESLEY STREET	CB, 4 FT DIA.		R-3010-L	759.64	753.99 NE	753.16 S	753.67 NW			CB OFFSET MEASURED TO FACE OF CURB
MH-13	44+80.00	5.50	FT RT	WESLEY STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	759.78	753.09 N	752.59 E	754.93 W			
MH-33	45+00.00	5.50	FT RT	WESLEY STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	759.10	752.49 E	754.27 S	752.50 W			
CB-28	45+00.00	12.00	FT RT	WESLEY STREET	CB, 4 FT DIA.		R-3010-L	758.96	754.42 N					CB OFFSET MEASURED TO FACE OF CURB
MH-34	45+65.00	5.50	FT RT	WESLEY STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	757.56	752.72 N	752.16 E	752.72 S	752.17 W		
CB-83	45+30.00	30.00	FT LT	WESLEY STREET	CB, 2 FT DIA.		TYPE 8 F&G	756.75	754.00 SE					
CB-51	45+65.00	12.00	FT LT	WESLEY STREET	CB, 4 FT DIA.		R-3010-L	757.41	752.86 S	753.36 NW				CB OFFSET MEASURED TO FACE OF CURB
CB-52	45+65.00	12.00	FT RT	WESLEY STREET	CB, 4 FT DIA.		R-3010-L	757.41	752.87 N					CB OFFSET MEASURED TO FACE OF CURB
CB-84	45+90.00	26.00	FT LT	WESLEY STREET	CB, 2 FT DIA.		TYPE 8 F&G	756.50	753.85 SE					
CB-54	46+15.00	12.00	FT LT	WESLEY STREET	CB, 4 FT DIA.		R-3010-A	756.89	752.34 E	752.84 NW				CB OFFSET MEASURED TO FACE OF CURB
CB-55	46+15.00	12.00	FT RT	WESLEY STREET	CB, 4 FT DIA.		R-3010-A	756.89	752.35 E					CB OFFSET MEASURED TO FACE OF CURB
CB-53	46+35.00	12.00	FT LT	WESLEY STREET	CB, 4 FT DIA.		R-3010-A	756.84	752.24 S	752.24 W				CB OFFSET MEASURED TO FACE OF CURB
MH-35	46+35.00	5.50	FT RT	WESLEY STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	756.99	752.15 N	751.63 S	751.63 W			
CB-56	46+35.00	12.00	FT RT	WESLEY STREET	CB, 4 FT DIA.		R-3010-A	756.84	751.61 N	751.61 S	752.25 W			CB OFFSET MEASURED TO FACE OF CURB
O-3	46+35.00	17.00	FT RT	WESLEY STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	757.43	751.30 N	751.30 E				
MH-37	62+10.00	6.00	FT RT	WESTERN AVENUE		MH, 4 FT DIA.	TYPE 1 FRAME CL	762.54	757.60 N	757.70 E				
CB-62	62+10.00	13.00	FT RT	WESTERN AVENUE	CB, 4 FT DIA.		R-3010-A	762.39	757.85 W					CB OFFSET MEASURED TO FACE OF CURB
CB-76	62+35.00	34.00	FT LT	WESTERN AVENUE	CB, 4 FT DIA.		TYPE 1 FRAME OP	755.20	753.20 NE					CB OFFSET MEASURED TO FACE OF CURB
CB-63	62+55.00	13.00	FT LT	WESTERN AVENUE	CB, 4 FT DIA.		R-3010-A	759.77	753.05 NE	753.06 SW				CB OFFSET MEASURED TO FACE OF CURB
CB-64	62+70.00	13.00	FT RT	WESTERN AVENUE	CB, 4 FT DIA.		R-3010-A	758.96	754.42 W					CB OFFSET MEASURED TO FACE OF CURB
MH-38	62+70.00	6.00	FT RT	WESTERN AVENUE		MH, TY. A, 6 FT DIA.	TYPE 1 FRAME CL	759.11	752.84 N	754.19 E	754.17 S	752.94 SW		
CB-65	63+30.00	13.00	FT RT	WESTERN AVENUE	CB, 4 FT DIA.		R-3010-A	755.98	751.44 W					CB OFFSET MEASURED TO FACE OF CURB
MH-39	63+30.00	6.00	FT RT	WESTERN AVENUE		MH, TY. A, 6 FT DIA.	TYPE 1 FRAME CL	756.13	750.50 N	751.30 E	751.28 S	750.80 SW		
MH-40	63+90.00	6.00	FT RT	WESTERN AVENUE		MH, 4 FT DIA.	TYPE 1 FRAME CL	753.61	747.83 N	748.78 E	748.09 S			
CB-67	63+90.00	13.00	FT RT	WESTERN AVENUE	CB, 4 FT DIA.		R-3010-A	753.46	748.92 W					CB OFFSET MEASURED TO FACE OF CURB
CB-77	64+00.00	26.00	FT LT	WESTERN AVENUE	CB, 4 FT DIA.		TYPE 8 F&G	751.70	749.70 E					CB OFFSET MEASURED TO FACE OF CURB
CB-66	64+00.00	16.00	FT LT	WESTERN AVENUE	CB, 4 FT DIA.		R-3010-A	753.04	748.50 E	748.50 W				CB OFFSET MEASURED TO FACE OF CURB
MH-41	64+00.00	6.00	FT RT	WESTERN AVENUE		MH, 4 FT DIA.	TYPE 1 FRAME CL	753.23	747.70 N	747.80 S	748.39 W			
MH-42	64+40.00	6.00	FT RT	WESTERN AVENUE		MH, 4 FT DIA.	TYPE 1 FRAME CL	751.85	746.66 N	747.02 E	746.76 S			
CB-68	64+40.00	13.35	FT RT	WESTERN AVENUE	CB, 4 FT DIA.		R-3010-A	751.70	747.16 W					CB OFFSET MEASURED TO FACE OF CURB
MH-44	64+46.41	39.90	FT RT	WESTERN AVENUE		MH, 4 FT DIA.	TYPE 1 FRAME CL	757.57	745.70 E	745.600 W				MATCH EXISTING PIPE FROM THE EAST
MH-45	64+55.00	6.00	FT RT	WESTERN AVENUE		MH, 4 FT DIA., DROP TYPE	TYPE 1 FRAME CL	751.39	743.54 E	746.30 S	743.19 NW			DROP MANHOLE CONNECTION FOR SS-122
CB-70	64+85.00	24.90	FT LT	WESTERN AVENUE	CB, 4 FT DIA.		R-3010-A	750.21	745.67 N					CB OFFSET MEASURED TO FACE OF CURB
CB-69	64+90.00	16.60	FT RT	WESTERN AVENUE	CB, 4 FT DIA.		R-3010-A	750.21	745.67 S					CB OFFSET MEASURED TO FACE OF CURB
MH-43	64+90.00	4.00	FT LT	WESTERN AVENUE		MH, 4 FT DIA., DROP TYPE	TYPE 1 FRAME CL	750.44	745.57 N	743.02 SE	745.57 S	741.11 W		DROP MANHOLE CONNECTION FOR SS-114
CB-71	65+32.00	12.00	FT LT	WESTERN AVENUE	CB, 4 FT DIA.		R-3010-A	749.24	744.70 N					CB OFFSET MEASURED TO FACE OF CURB
O-6	65+37.00	7.00	FT LT	WESTERN AVENUE		MH, 5 FT DIA.	TYPE 1 FRAME CL	749.24	743.24 N	740.90 E	743.24 S	740.90 W		

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 DRAINAGE STRUCTURE  
 SCHEDULE

VERT. SCALE: 1"=10'  
 HORIZ. SCALE: 1"=40'  
 DATE: 6/4/2008

DRAWN BY: PML  
 CHECKED BY: JLC

STRUCTURE NUMBER	STATION	OFFSET	STREET	CATCH BASIN	MANHOLE	FRAME	FLOWLINE OR RIM ELEVATION	INVERT	INVERT	INVERT	INVERT	INVERT	NOTES
CB-72	65+38.00	13.00 FT RT	WESTERN AVENUE	CB, 4 FT DIA.		R-3010-A	749.08	744.54 S					CB OFFSET MEASURED TO FACE OF CURB
O-2	30+29.57	16.59 FT LT	GABLES BOULEVARD		MH, 5 FT DIA.	TYPE 1 FRAME OPEN	730.98	726.14 N	725.89 E	725.88 NW			
MH-23	30+35.00	6.00 FT LT	GABLES BOULEVARD		MH, 4 FT DIA.	TYPE 1 FRAME CL	731.84	725.92 NE	725.92 SE	725.92 NW			
CB-40	30+35.00	15.90 FT RT	GABLES BOULEVARD	CB, 4 FT DIA.		R-3010-A	731.64	726.11 SE	726.01 NW	726.80 SW			CB OFFSET MEASURED TO FACE OF CURB
MH-7	30+35.00	23.50 FT RT	GABLES BOULEVARD		MH, 4 FT DIA.	TYPE 1 FRAME CL	733.02	727.21 SE	727.20 NW				MATCH EXISTING PIPE FROM THE SE
MH-22	30+70.00	6.00 FT LT	GABLES BOULEVARD		MH, 4 FT DIA.	TYPE 1 FRAME CL	732.18	727.17 NE	727.34 SE	727.06 SW			
CB-89	30+50.00	24.20 FT LT	GABLES BOULEVARD	CB, 2 FT DIA.		TYPE 1 FRAME OPEN	731.24	728.24 S					CB OFFSET MEASURED TO FACE OF CURB
CB-39	30+70.00	15.00 FT RT	GABLES BOULEVARD	CB, 4 FT DIA.		R-3010-A	732.00	727.46 NW					CB OFFSET MEASURED TO FACE OF CURB
CB-41	31+00.00	15.00 FT LT	GABLES BOULEVARD	CB, 4 FT DIA.		R-3010-A	732.43	727.89 SE					CB OFFSET MEASURED TO FACE OF CURB
MH-21	31+00.00	6.00 FT LT	GABLES BOULEVARD		MH, 4 FT DIA.	TYPE 1 FRAME CL	732.61	727.41 NE	727.31 SW	727.78 NW			
MH-24	31+25.00	6.00 FT LT	GABLES BOULEVARD		MH, 4 FT DIA.	TYPE 1 FRAME CL	733.06	727.53 NE	727.53 SE	727.53 SW			
CB-38	31+25.00	15.00 FT RT	GABLES BOULEVARD	CB, 4 FT DIA.		R-3010-A	732.88	728.34 NW					CB OFFSET MEASURED TO FACE OF CURB
CB-17	31+60.00	15.00 FT LT	GABLES BOULEVARD	CB, 4 FT DIA.		R-3010-A	733.64	729.10 SE					CB OFFSET MEASURED TO FACE OF CURB
MH-9	31+60.00	6.00 FT LT	GABLES BOULEVARD		MH, 5 FT DIA.	TYPE 1 FRAME CL	733.82	727.80 NE	727.81 E	727.69 SW	727.82 NW		
CB-16	31+75.00	15.00 FT RT	GABLES BOULEVARD	CB, 4 FT DIA.		R-3010-A	733.95	729.41 W					CB OFFSET MEASURED TO FACE OF CURB
MH-8	32+20.00	6.00 FT LT	GABLES BOULEVARD		MH, 4 FT DIA.	TYPE 1 FRAME CL	734.94	730.10 SE	730.00 SW				
CB-15	32+20.00	15.00 FT RT	GABLES BOULEVARD	CB, 4 FT DIA.		R-3010-A	734.76	730.22 NW					CB OFFSET MEASURED TO FACE OF CURB
MH-14	51+00.00	4.50 FT LT	FRONT STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	770.25	765.42 NE	765.32 SE				
CB-29	51+00.00	17.70 FT LT	FRONT STREET	CB, 4 FT DIA.		R-3010-A	771.15	766.61 SW					CB OFFSET MEASURED TO FACE OF CURB
CB-30	51+60.00	13.70 FT LT	FRONT STREET	CB, 4 FT DIA.		R-3010-A	767.44	762.59 NE	762.59 SW				CB OFFSET MEASURED TO FACE OF CURB
MH-15	51+60.00	4.50 FT LT	FRONT STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	767.62	762.55 NE	762.45 SE	762.77 NW			
CB-32	60+30.00	12.79 FT LT	FRONT STREET	CB, 4 FT DIA.		R-3010-A	767.16	762.62 SW					CB OFFSET MEASURED TO FACE OF CURB
CB-61	60+21.00	24.75 FT RT	FRONT STREET	CB, 4 FT DIA.		R-3010-A	765.47	760.93 S					CB OFFSET MEASURED TO FACE OF CURB
MH-36	52+05.00	4.50 FT LT	FRONT STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	765.64	760.79 N	760.69 SE	760.79 NW			
CB-33	52+60.00	12.00 FT LT	FRONT STREET	CB, 4 FT DIA.		R-3010-A	763.05	758.51 SW					CB OFFSET MEASURED TO FACE OF CURB
MH-16	52+60.00	4.50 FT LT	FRONT STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	763.21	758.38 NE	758.26 SE	758.38 SW	758.36 NW		
CB-31	52+60.00	3.00 FT RT	FRONT STREET	CB, 4 FT DIA.		R-3010-L	765.01	760.47 NE					CB OFFSET MEASURED TO FACE OF CURB
CB-57	53+60.00	12.00 FT LT	FRONT STREET	CB, 4 FT DIA.		R-3010-L	758.98	754.44 SW					CB OFFSET MEASURED TO FACE OF CURB
MH-17	53+60.00	4.50 FT LT	FRONT STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	759.13	754.30 NE	754.16 SE	754.27 NW			
CB-34	54+15.00	12.00 FT RT	FRONT STREET	CB, 4 FT DIA.		R-3010-L	757.68	753.14 NE					CB OFFSET MEASURED TO FACE OF CURB
CB-58	54+20.00	12.00 FT LT	FRONT STREET	CB, 4 FT DIA.		R-3010-L	757.60	753.06 SW					CB OFFSET MEASURED TO FACE OF CURB
MH-18	54+20.00	4.50 FT LT	FRONT STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	757.76	752.92 NE	752.80 SE	752.92 SW	752.91 NW		
O-4	54+60.00	19.00 FT LT	FRONT STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	757.83	751.89 SE	751.89 SW				
CB-60	54+60.00	12.00 FT LT	FRONT STREET	CB, 4 FT DIA.		R-3010-A	757.21	751.92 NE	752.39 SW				CB OFFSET MEASURED TO FACE OF CURB
MH-32	54+60.00	4.50 FT LT	FRONT STREET		MH, 4 FT DIA.	TYPE 1 FRAME CL	757.36	752.42 NE	752.53 SW	752.52 NW			
CB-59	54+60.00	12.00 FT RT	FRONT STREET	CB, 4 FT DIA.		R-3010-A	757.21	752.67 NE					CB OFFSET MEASURED TO FACE OF CURB

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 DRAINAGE STRUCTURE  
 SCHEDULE

SCALE: VERT.      DRAWN BY PML  
 HORIZ.            CHECKED BY JLC  
 DATE 6/4/2008

PIPE NUMBER	ROADWAY	FROM STRUCTURE	TO STRUCTURE	SLOPE	PIPE LENGTH (FOOT)	QUANTITY (FOOT)	DIAMETER (INCHES)	AUTOMATIC FLAP GATE 12"	4" PVC (FOOT)	4" CAST IRON SOIL PIPE (FOOT)	6" VCP (FOOT)	6" PVC (FOOT)	8" PVC (FOOT)	8" RCP (FOOT)	10" RCP (FOOT)	12" RCP (FOOT)	15" RCP (FOOT)	18" RCP (FOOT)	CONCRETE COLLAR (CU YD)	TRENCH BACKFILL (CU YD)	NOTES	
				%																		
SS-141	MANCHESTER ROAD	O-X	EX PIPE	0.30	8.0	8	18												8	0.4	10.2	CONNECT TO EXISTING SS
SS-129	MANCHESTER ROAD	CB-81	O-X	1.21	17.1	18	12										18				8.7	
SS-128	MANCHESTER ROAD	CB-80	O-X	2.06	25.2	26	12									26					12.8	
SS-130	MANCHESTER ROAD	MH-46	O-X	0.56	34.8	35	15										35				38.2	
SS-126	MANCHESTER ROAD	CB-79	MH-46	18.39	17.1	18	12									18					12.7	
SS-127	MANCHESTER ROAD	CB-37	MH-46	49.11	6.4	7	12									7					4.8	
SS-142	MANCHESTER ROAD	EX PIPE	CB-37	0.50	6.0	6	4		6												3.0	CONNECT TO EXISTING SS
SS-125	MANCHESTER ROAD	CB-78	MH-46	12.62	25.2	26	12									26					18.7	
SS-58	MANCHESTER ROAD	MH-49	MH-46	7.43	35.8	36	15										36				31.1	
SS-57	MANCHESTER ROAD	CB-12	MH-49	1.90	6.1	7	12									7					3.0	
SS-56	MANCHESTER ROAD	CB-36	MH-49	0.66	18.1	19	12									19					9.0	
SS-55	MANCHESTER ROAD	MH-48	MH-49	0.52	16.8	17	15										17				10.6	
SS-54	MANCHESTER ROAD	CB-35	MH-48	0.66	18.1	19	12									19					9.0	
SS-53	MANCHESTER ROAD	MH-47	MH-48	0.97	31.8	32	15										32				19.8	
SS-52	MANCHESTER ROAD	CB-14	MH-47	0.66	18.1	19	12									19					9.0	
SS-19	MANCHESTER ROAD	MH-6	MH-47	0.91	15.8	16	15										16				10.0	
SS-51	MANCHESTER ROAD	CB-10	MH-6	4.00	5.1	6	12									6					2.6	
SS-18	MANCHESTER ROAD	CB-13	MH-6	2.60	25.2	26	12									26					12.8	
SS-17	MANCHESTER ROAD	MH-20	MH-6	2.95	65.8	66	12									66					35.7	
SS-16	MANCHESTER ROAD	CB-11	MH-20	0.66	18.1	19	12									19					9.0	
SS-15	MANCHESTER ROAD	MH-19	MH-20	4.42	66.8	67	12									67					35.8	
SS-13	MANCHESTER ROAD	CB-8	MH-19	1.34	7.3	8	12									8					3.6	
SS-14	MANCHESTER ROAD	CB-9	MH-19	0.66	18.1	19	12									19					9.0	
SS-135	MANCHESTER ROAD	MH-5	MH-19	2.41	105.8	106	12									106					93.9	
SS-136	MANCHESTER ROAD	MH-50	CB-9	5.00	25.2	26	12									26					20.3	
SS-11	MANCHESTER ROAD	CB-85	MH-50	1.00	147.3	148	12									148					94.6	
SS-10	MANCHESTER ROAD	CB-6	MH-5	0.54	5.9	6	12									6					7.4	
SS-139	MANCHESTER ROAD	EX PIPE	CB-6	0.52	8.0	8	12									8			0.3		9.3	CONNECT TO EXISTING SS
SS-12	MANCHESTER ROAD	CB-7	MH-5	0.69	17.1	18	12									18					8.5	
SS-9	MANCHESTER ROAD	MH-4	MH-5	8.91	155.8	156	12									156					84.2	
SS-8	MANCHESTER ROAD	CB-5	MH-4	0.66	18.1	19	12									19					9.0	
SS-6	MANCHESTER ROAD	CB-4	MH-4	1.90	6.1	7	12									7					3.0	
SS-7	MANCHESTER ROAD	MH-3	MH-4	7.89	166.8	167	12									167					89.6	
SS-4	MANCHESTER ROAD	CB-3	MH-3	1.90	6.1	7	12									7					3.0	
SS-5	MANCHESTER ROAD	MH-2	MH-3	3.79	51.8	52	12									52					27.7	
SS-2	MANCHESTER ROAD	CB-2	MH-2	1.90	6.1	7	12									7					3.0	
SS-3	MANCHESTER ROAD	MH-1	MH-2	1.60	41.8	42	12									42					22.3	
SS-1	MANCHESTER ROAD	CB-1	MH-1	1.90	6.1	7	12									7					3.0	
SS-67	MANCHESTER ROAD	CB-21	MH-25	1.90	6.1	7	12									7					3.0	
SS-68	MANCHESTER ROAD	MH-25	MH-26	2.19	36.8	37	12									37					19.6	
SS-69	MANCHESTER ROAD	CB-20	MH-26	1.90	6.1	7	12									7					3.0	
SS-70	MANCHESTER ROAD	MH-26	MH-27	4.54	41.8	42	12									42					22.3	
SS-71	MANCHESTER ROAD	CB-19	MH-27	1.90	6.1	7	12									7					3.0	
SS-72	MANCHESTER ROAD	CB-42	MH-27	2.48	18.1	19	12									19					9.0	
SS-73	MANCHESTER ROAD	MH-27	MH-28	7.82	101.8	102	12									102					54.5	
SS-74	MANCHESTER ROAD	CB-43	MH-28	1.90	6.1	7	12									7					3.0	
SS-75	MANCHESTER ROAD	CB-44	CB-45	5.83	10.1	11	12									11					4.8	
SS-76	MANCHESTER ROAD	MH-28	MH-29	6.71	64.4	65	12									65					34.9	
SS-77	MANCHESTER ROAD	CB-45	MH-29	6.09	20.7	21	12									21					10.5	
SS-78	MANCHESTER ROAD	CB-48	MH-29	0.39	23.5	24	12									24					27.2	
SS-138	MANCHESTER ROAD	EX PIPE	CB-48	3.70	21.0	21	10							21							18.9	
SS-143	MANCHESTER ROAD	EX PIPE	CB-48	1.00	13.0	13	4			13											23.0	

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 DRAINAGE PIPE  
 SCHEDULE

SCALE: VERT.      DRAWN BY PML  
 HORIZ.            CHECKED BY JLC  
 DATE 6/4/2008

PIPE NUMBER	ROADWAY	FROM STRUCTURE	TO STRUCTURE	SLOPE	PIPE LENGTH	QUANTITY	DIAMETER	AUTOMATIC FLAP GATE 12"	4" PVC	4" CAST IRON SOIL PIPE	6" VCP	6" PVC	8" PVC	8" RCP	10" RCP	12" RCP	15" RCP	18" RCP	CONCRETE COLLAR	TRENCH BACKFILL	NOTES		
				%	(FOOT)	(FOOT)	(INCHES)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)		(CU YD)	(CU YD)
SS-79	MANCHESTER ROAD	MH-29	MH-30	0.50	76.5	77	12														74.8		
SS-80	MANCHESTER ROAD	CB-46	MH-30	1.92	6.1	7	12															3.0	
SS-81	MANCHESTER ROAD	CB-49	MH-30	0.86	26.8	27	12															13.4	
SS-82	MANCHESTER ROAD	MH-30	MH-31	0.50	76.8	77	12															59.5	
SS-83	MANCHESTER ROAD	CB-47	MH-31	1.55	6.8	7	12															3.4	
SS-84	MANCHESTER ROAD	MH-31	O-5	0.52	27.2	28	12															20.6	
SS-85	MANCHESTER ROAD	CB-50	O-5	7.90	17.4	18	12															11.0	
SS-144	MANCHESTER ROAD	O-5	EX PIPE	0.40	8.0	8	15											8		0.4		3.3	CONNECT TO EXISTING SS
SS-145	MANCHESTER ROAD	CB-90	DITCH	1.80	10.0	10	6															2.7	SEE DETAIL ON DRAINAGE PLAN
SS-154	MANCHESTER ROAD	EX PIPE	MH-51	6.67	6.0	6	10								6					0.3		3.0	CONNECT TO EXISTING SS
SS-155	MANCHESTER ROAD	EX PIPE	MH-52	3.33	6.0	6	4			6										0.2		3.3	CONNECT TO EXISTING SS
SS-28	WESLEY STREET	CB-23	MH-10	4.22	69.9	70	12															35.1	
SS-29	WESLEY STREET	CB-22	MH-10	0.53	23.4	24	12															11.7	
SS-30	WESLEY STREET	MH-10	MH-11	4.80	31.8	32	12															17.0	
SS-31	WESLEY STREET	CB-24	MH-11	3.63	4.0	4	12															2.0	
SS-32	WESLEY STREET	MH-11	MH-12	5.59	101.8	102	12															54.5	
SS-33	WESLEY STREET	CB-25	MH-12	1.06	14.6	15	12															7.3	
SS-34	WESLEY STREET	CB-26	MH-12	4.25	3.6	4	12															1.8	
SS-35	WESLEY STREET	MH-12	MH-13	4.46	66.8	67	12															35.8	
SS-132	WESLEY STREET	CB-82	CB-27	0.53	43.7	44	12	1														20.9	AUTOMATIC FLAP GATE INSTALLED AT CB-27
SS-137	WESLEY STREET	CB-86	CB-27	0.53	21.7	22	12	1														9.7	AUTOMATIC FLAP GATE INSTALLED AT CB-27
SS-36	WESLEY STREET	CB-27	MH-13	0.53	14.6	15	12															11.7	
SS-38	WESLEY STREET	MH-13	MH-33	0.53	16.8	17	18															16.7	
SS-37	WESLEY STREET	CB-28	MH-33	4.25	3.6	4	12															1.8	
SS-91	WESLEY STREET	MH-33	MH-34	0.53	61.8	62	18															51.2	
SS-133	WESLEY STREET	CB-83	CB-51	1.70	37.6	38	12	1														11.1	AUTOMATIC FLAP GATE INSTALLED AT CB-51
SS-93	WESLEY STREET	CB-51	MH-34	0.95	14.6	15	12															7.3	
SS-92	WESLEY STREET	CB-52	MH-34	4.25	3.6	4	12															1.8	
SS-94	WESLEY STREET	MH-34	MH-35	0.79	66.8	67	18															47.7	
SS-134	WESLEY STREET	CB-84	CB-54	3.74	27.0	27	12	1														7.7	AUTOMATIC FLAP GATE INSTALLED AT CB-54
SS-95	WESLEY STREET	CB-54	CB-53	0.53	18.1	19	12															8.7	
SS-96	WESLEY STREET	CB-55	CB-56	0.53	18.1	19	12															8.7	
SS-97	WESLEY STREET	CB-53	MH-35	0.64	14.6	15	12															7.4	
SS-98	WESLEY STREET	MH-35	CB-56	0.53	3.6	4	18															2.5	
SS-99	WESLEY STREET	CB-56	O-3	10.48	2.9	3	18															2.3	
SS-146	WESLEY STREET	O-3	EX PIPE	0.90	6.0	6	8															5.5	CONNECT TO EXISTING SS
SS-103	WESTERN AVENUE	CB-62	MH-37	3.58	4.1	5	12															2.0	
SS-104	WESTERN AVENUE	MH-37	MH-38	6.14	55.8	56	12															30.2	
SS-123	WESTERN AVENUE	CB-76	CB-63	0.53	27.4	28	12															12.3	
SS-120	WESTERN AVENUE	CB-63	MH-38	0.53	20.4	21	12															15.9	
SS-105	WESTERN AVENUE	CB-64	MH-38	7.56	3.1	4	12															1.5	
SS-147	WESTERN AVENUE	STUB	MH-39	0.46	50.0	50	6															29.6	CONNECT TO EXISTING SS
SS-106	WESTERN AVENUE	MH-38	MH-39	2.85	54.8	55	12															35.1	
SS-107	WESTERN AVENUE	CB-65	MH-39	4.71	3.1	4	12															1.5	
SS-108	WESTERN AVENUE	MH-39	MH-40	4.32	55.8	56	12															35.9	
SS-109	WESTERN AVENUE	CB-67	MH-40	3.58	4.1	5	12															2.0	
SS-110	WESTERN AVENUE	MH-40	MH-41	0.53	6.8	7	15															4.8	
SS-111	WESTERN AVENUE	CB-66	MH-41	0.54	19.1	20	12															9.5	
SS-124	WESTERN AVENUE	CB-77	CB-66	14.15	8.5	9	12															2.3	
SS-112	WESTERN AVENUE	MH-41	MH-42	2.50	37.4	38	15															24.4	

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 DRAINAGE PIPE  
 SCHEDULE

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 6/4/2008

DRAWN BY PML  
 CHECKED BY JLC



PIPE NUMBER	ROADWAY	FROM STRUCTURE	TO STRUCTURE	SLOPE	PIPE LENGTH	QUANTITY	DIAMETER	AUTOMATIC FLAP GATE 12"	4" PVC	4" CAST IRON SOIL PIPE	6" VCP	6" PVC	8" PVC	8" RCP	10" RCP	12" RCP	15" RCP	18" RCP	CONCRETE COLLAR	TRENCH BACKFILL	NOTES	
				%	(FOOT)	(FOOT)	(INCHES)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(CU YD)	(CU YD)		
SS-113	WESTERN AVENUE	CB-68	MH-42	3.15	4.4	5	12									5				2.2		
SS-122	WESTERN AVENUE	MH-42	MH-45	2.61	13.6	14	15										14				8.4	
SS-121	WESTERN AVENUE	MH-44	MH-45	6.26	32.9	33	12									33					44.0	
SS-148	WESTERN AVENUE	EX PIPE	MH-44	0.40	8.0	8	8							8					0.2		13.9	CONNECT TO EXISTING SS
SS-114	WESTERN AVENUE	MH-45	MH-43	0.52	33.1	34	15										34				35.7	
SS-115	WESTERN AVENUE	CB-70	MH-43	0.53	18.3	19	12									19					9.2	
SS-116	WESTERN AVENUE	CB-69	MH-43	0.53	17.7	18	12									18					8.9	
SS-117	WESTERN AVENUE	MH-43	0-6	0.52	40.9	41	15										41				51.3	
SS-118	WESTERN AVENUE	CB-72	0-6	7.86	16.6	17	12									17					9.8	
SS-119	WESTERN AVENUE	CB-71	0-6	38.57	3.8	4	12									4					2.3	
SS-149	WESTERN AVENUE	0-6	EX PIPE	1.60	6.0	6	12									6					6.6	CONNECT TO EXISTING SS
SS-151	GABLES BOULEVARD	0-2	EX PIPE	0.50	8.0	8	12									8			0.3		7.0	CONNECT TO EXISTING SS
SS-66	GABLES BOULEVARD	MH-23	0-2	0.53	8.2	9	12									9					5.2	
SS-65	GABLES BOULEVARD	CB-40	MH-23	0.46	19.0	19	12									19					12.8	
SS-153	GABLES BOULEVARD	EX PIPE	CB-40	1.83	6.0	6	12									6			0.3		3.3	CONNECT TO EXISTING SS
SS-150	GABLES BOULEVARD	EX PIPE	MH-7	0.40	6.0	6	8						6								6.5	CONNECT TO EXISTING SS
SS-131	GABLES BOULEVARD	MH-7	CB-40	19.69	5.5	6	12									6					3.6	
SS-64	GABLES BOULEVARD	MH-22	MH-23	3.58	31.8	32	12									32					20.1	
SS-63	GABLES BOULEVARD	CB-39	MH-22	0.66	18.1	19	12									19					9.0	
SS-140	GABLES BOULEVARD	CB-89	0-2	11.20	18.7	19	12									19					7.1	
SS-62	GABLES BOULEVARD	MH-21	MH-22	0.52	26.8	27	12									27					15.5	
SS-61	GABLES BOULEVARD	CB-41	MH-21	1.90	6.1	7	12									7					3.0	
SS-59	GABLES BOULEVARD	MH-24	MH-21	0.53	21.8	22	12									22					13.3	
SS-60	GABLES BOULEVARD	CB-38	MH-24	4.54	18.1	19	12									19					10.1	
SS-26	GABLES BOULEVARD	MH-9	MH-24	0.54	31.3	32	12									32					21.4	
SS-25	GABLES BOULEVARD	CB-17	MH-9	23.06	5.6	6	12									6					3.3	
SS-24	GABLES BOULEVARD	CB-16	MH-9	7.11	22.4	23	12									23					13.3	
SS-23	GABLES BOULEVARD	MH-8	MH-9	3.91	56.3	57	12									57					35.3	
SS-22	GABLES BOULEVARD	CB-15	MH-8	0.66	18.1	19	12									19					9.0	
SS-39	FRONT STREET	CB-29	MH-14	11.64	10.3	11	12									11					5.1	
SS-40	FRONT STREET	MH-14	MH-15	4.48	56.8	57	12									57					30.3	
SS-41	FRONT STREET	CB-30	MH-15	0.53	6.3	7	12									7					3.4	
SS-100	FRONT STREET	CB-32	CB-30	0.53	6.4	7	12									7					3.2	
SS-42	FRONT STREET	MH-15	MH-36	3.97	41.8	42	12									42					23.1	
SS-101	FRONT STREET	CB-61	MH-36	0.60	23.3	24	12									24					11.7	
SS-102	FRONT STREET	MH-36	MH-16	4.48	51.8	52	12									52					27.7	
SS-43	FRONT STREET	CB-31	MH-16	45.93	4.6	5	12									5					2.3	
SS-45	FRONT STREET	CB-33	MH-16	3.01	4.6	5	12									5					2.3	
SS-44	FRONT STREET	MH-16	MH-17	4.12	96.8	97	12									97					51.9	
SS-46	FRONT STREET	CB-57	MH-17	2.99	4.6	5	12									5					2.3	
SS-47	FRONT STREET	MH-17	MH-18	2.21	56.7	57	12									57					30.4	
SS-86	FRONT STREET	CB-34	MH-18	1.53	14.3	15	12									15					7.2	
SS-87	FRONT STREET	CB-58	MH-18	2.99	4.6	5	12									5					2.3	
SS-48	FRONT STREET	MH-18	MH-32	0.76	36.8	37	12									37					19.6	
SS-88	FRONT STREET	CB-59	MH-32	1.03	13.6	14	12									14					6.8	
SS-89	FRONT STREET	MH-32	CB-60	0.50	4.6	5	12									5					2.4	
SS-90	FRONT STREET	CB-60	0-4	0.55	4.9	5	12									5					3.2	
SS-152	FRONT STREET	0-4	EX PIPE	0.60	8.0	8	8							8					0.2		7.1	CONNECT TO EXISTING SS
TOTALS								4	6	19	50	10	12	16	27	3421	278	161	2.6	2460.9		

REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 DRAINAGE PIPE  
 SCHEDULE

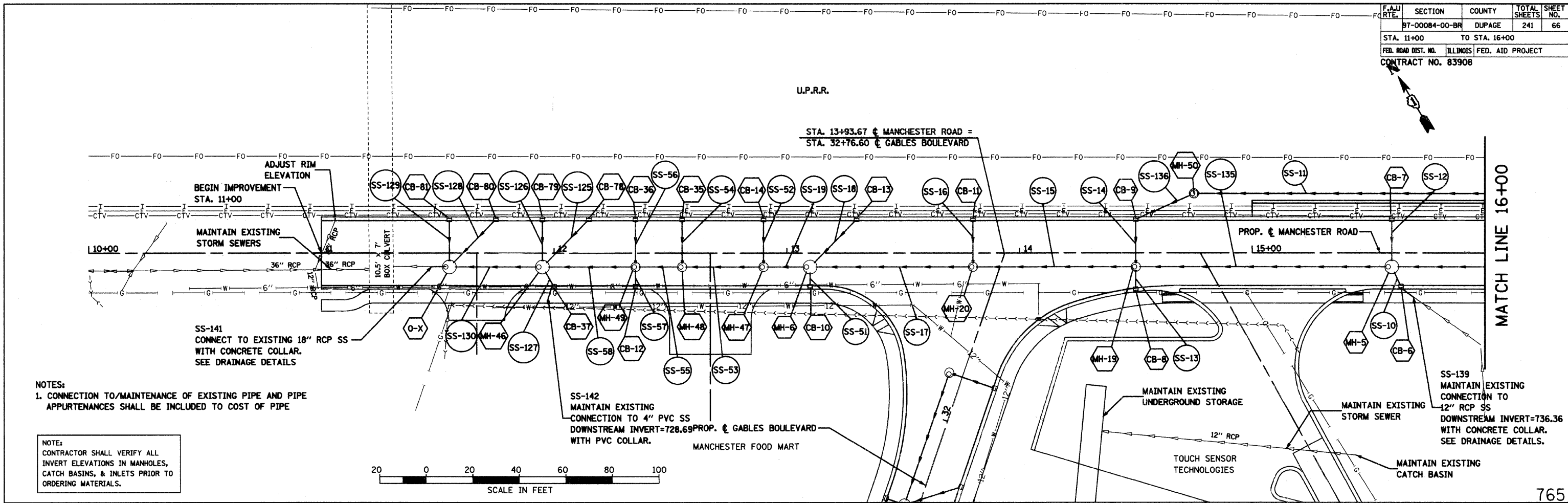
SCALE: VERT.      DRAWN BY PML  
 HORIZ.              CHECKED BY JLC  
 DATE 6/4/2008



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	97-0084-00-BR	DUPAGE	241	66
STA. 11+00		TO STA. 16+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 83908				

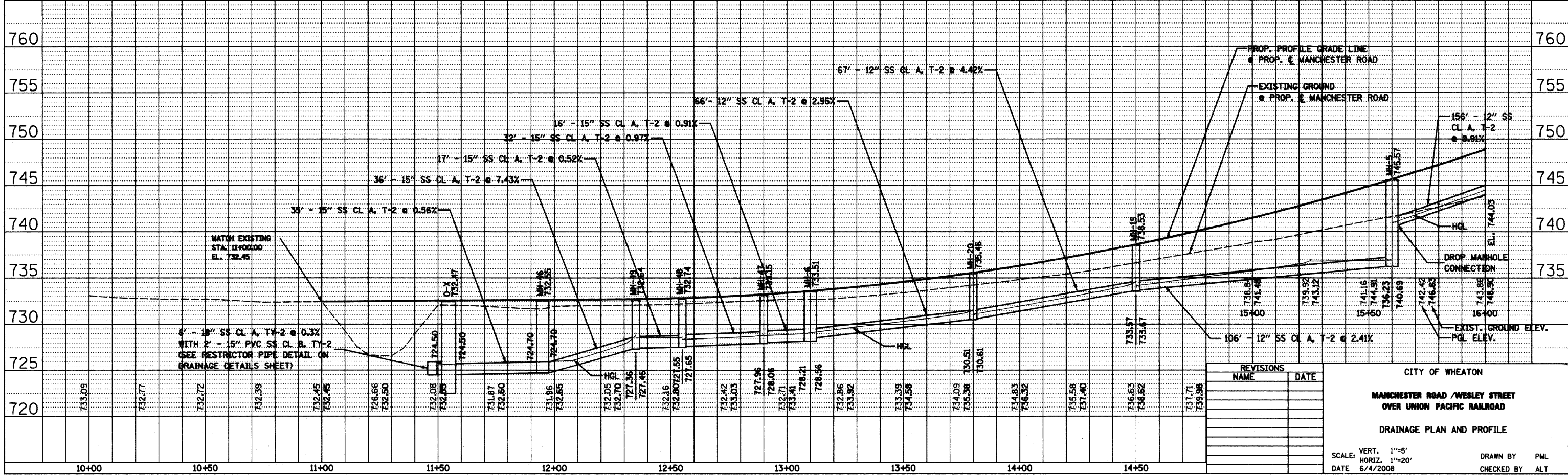
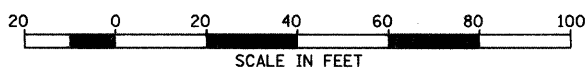
DATE	BY
SURVEYED	PLANNED
NOTED	NOTED
NO.	NO.
DATE	BY
DATE	BY

DATE	BY
SURVEYED	PLANNED
NOTED	NOTED
NO.	NO.
DATE	BY
DATE	BY



NOTES:  
1. CONNECTION TO/MAINTENANCE OF EXISTING PIPE AND PIPE APPURTENANCES SHALL BE INCLUDED TO COST OF PIPE

NOTE:  
CONTRACTOR SHALL VERIFY ALL INVERT ELEVATIONS IN MANHOLES, CATCH BASINS, & INLETS PRIOR TO ORDERING MATERIALS.



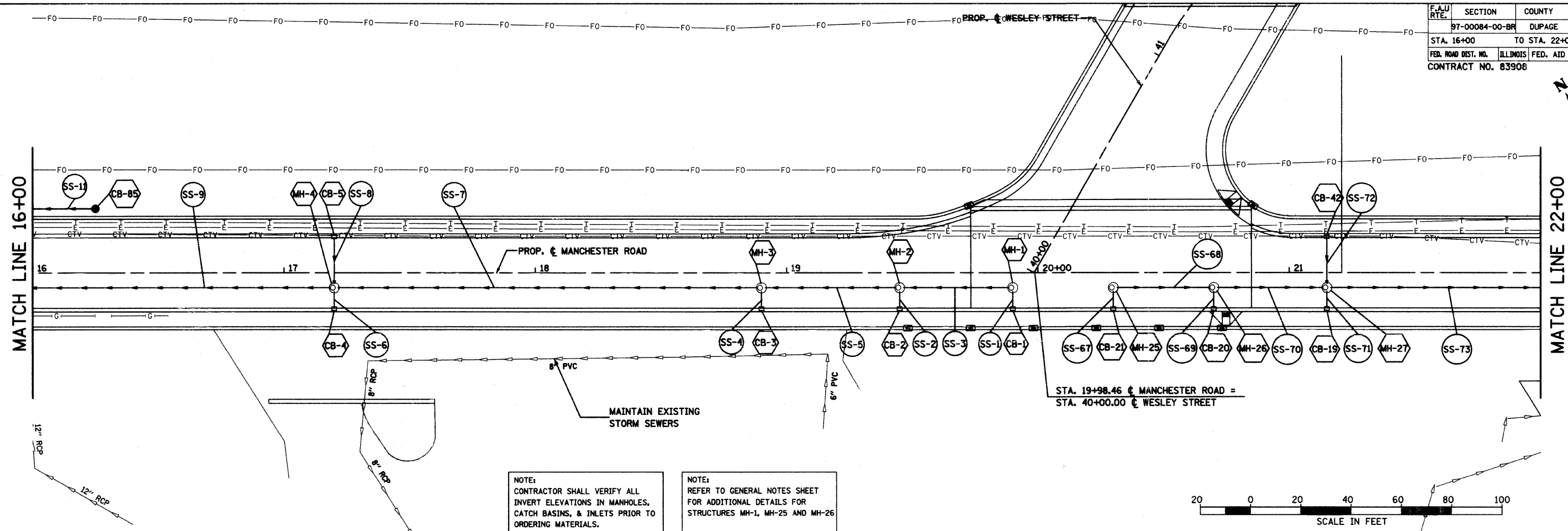
REVISIONS	
NAME	DATE

CITY OF WHEATON  
**MANCHESTER ROAD /WESLEY STREET  
OVER UNION PACIFIC RAILROAD**  
DRAINAGE PLAN AND PROFILE  
SCALE: VERT. 1"=5'  
HORIZ. 1"=20'  
DATE 6/4/2008  
DRAWN BY PML  
CHECKED BY ALT

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
97-00084-00-BR	DUPAGE	ILLINOIS	241	67
STA. 16+00 TO STA. 22+00		FED. AID PROJECT		
CONTRACT NO. 83908				

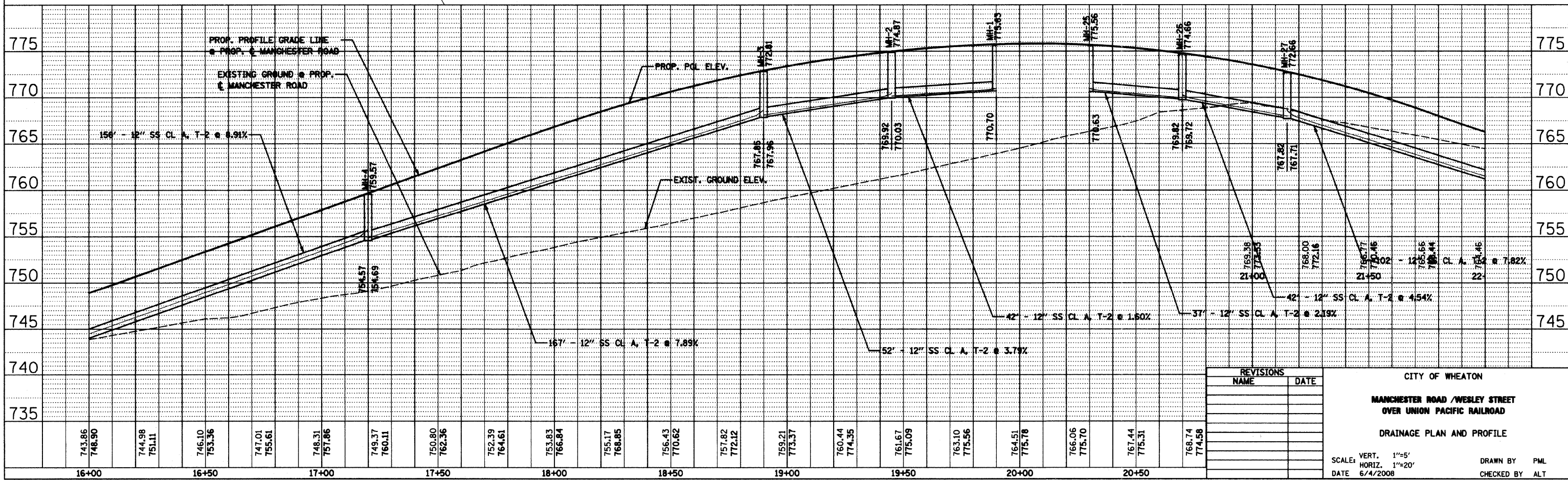
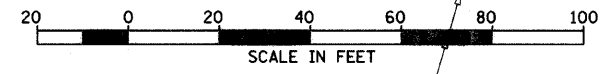
PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	NO. _____	
	DATE _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	NO. _____	
	DATE _____	



NOTE: CONTRACTOR SHALL VERIFY ALL INVERT ELEVATIONS IN MANHOLES, CATCH BASINS, & INLETS PRIOR TO ORDERING MATERIALS.

NOTE: REFER TO GENERAL NOTES SHEET FOR ADDITIONAL DETAILS FOR STRUCTURES MH-1, MH-25 AND MH-26



REVISIONS	
NAME	DATE

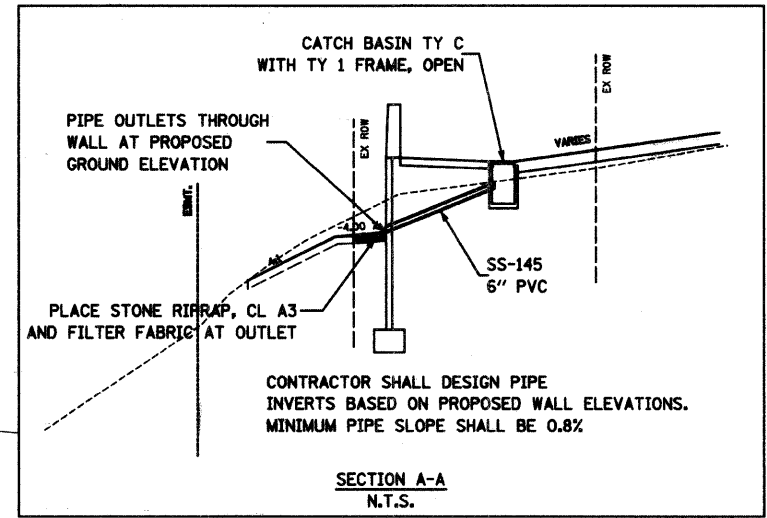
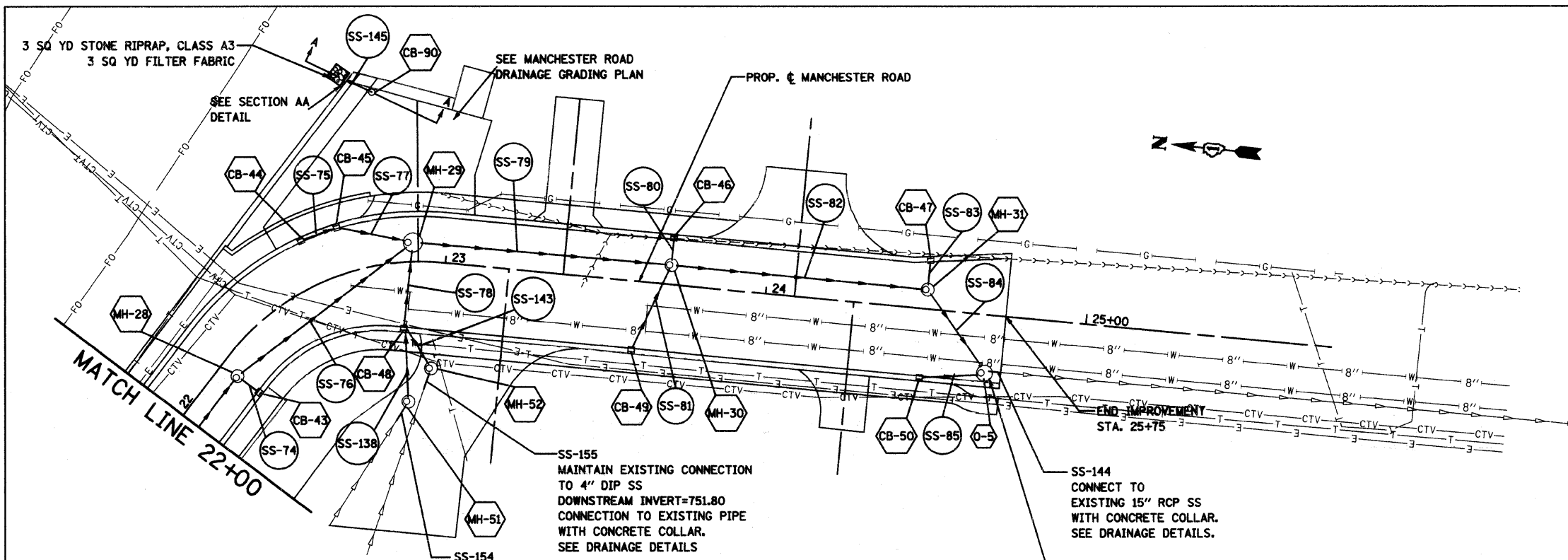
CITY OF WHEATON  
**MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD**  
**DRAINAGE PLAN AND PROFILE**

SCALE: VERT. 1"=5'  
HORIZ. 1"=20'  
DATE 6/4/2008

DRAWN BY PML  
CHECKED BY ALT

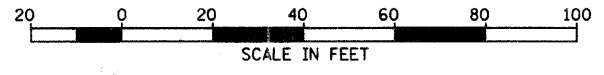
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	97-0084-00-BR	DUPAGE	241	68
STA. 22+00	TO STA. 25+75.00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 83908				

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

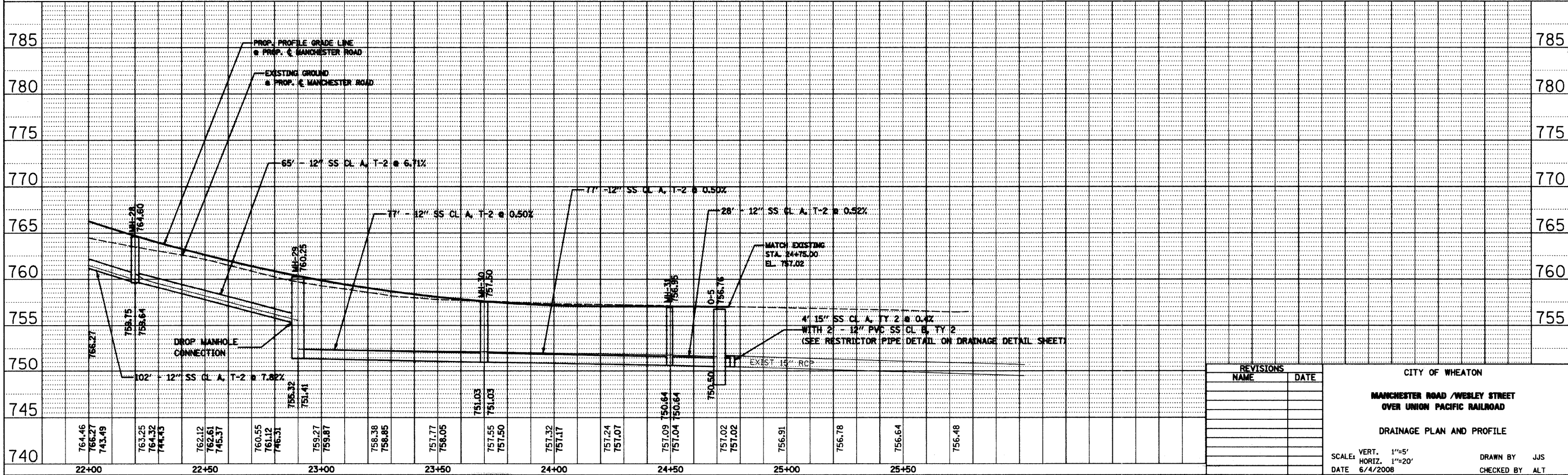


NOTE:  
CONTRACTOR SHALL VERIFY ALL  
INVERT ELEVATIONS IN MANHOLES,  
CATCH BASINS, & INLETS PRIOR TO  
ORDERING MATERIALS.

NOTES:  
1. CONNECTION TO/MAINTENANCE OF EXISTING PIPE AND PIPE  
APPURTENANCES SHALL BE INCLUDED TO COST OF PIPE



DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

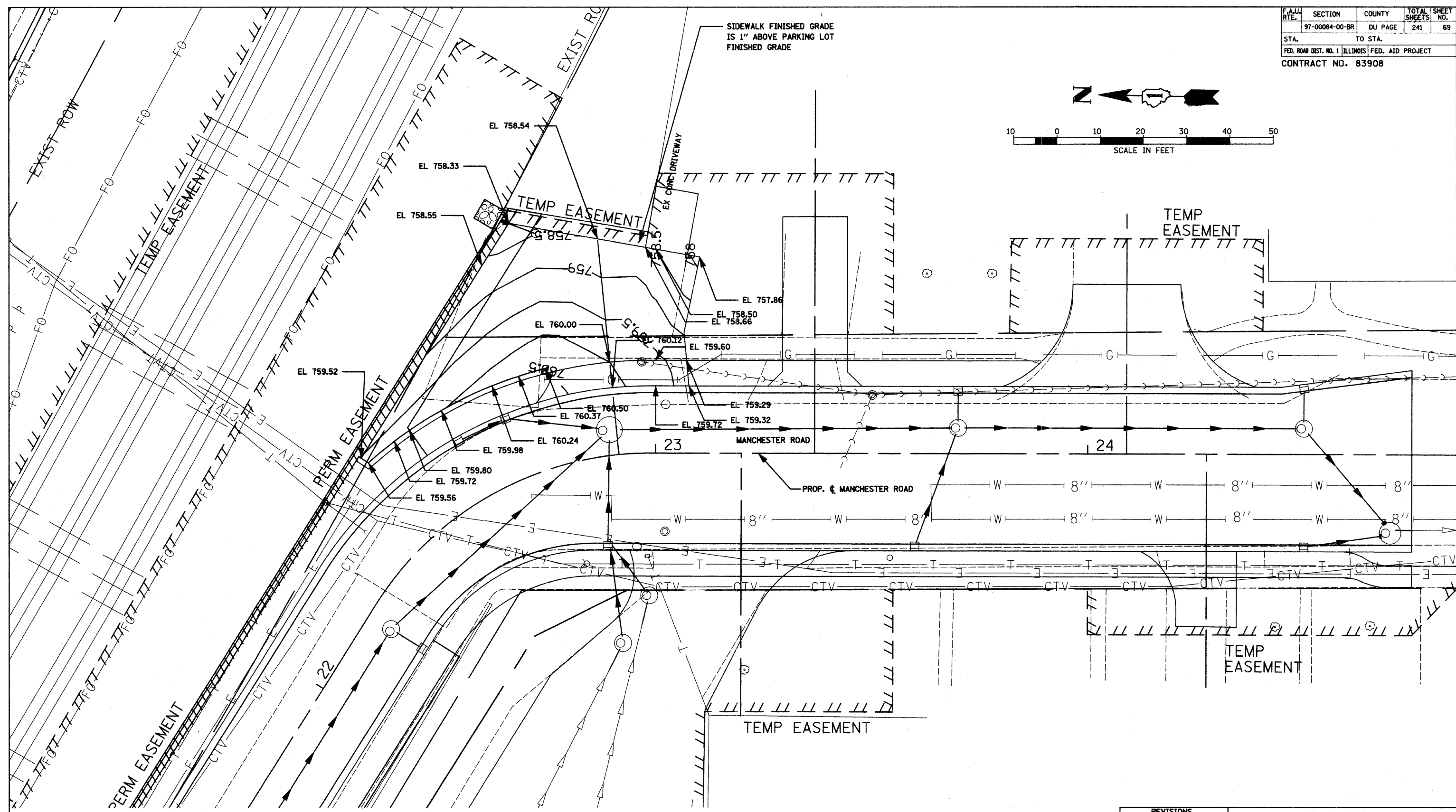
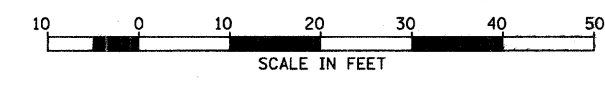


REVISIONS	
NAME	DATE

CITY OF WHEATON  
**MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD**  
DRAINAGE PLAN AND PROFILE  
SCALE: VERT. 1"=5'  
HORIZ. 1"=20'  
DATE 6/4/2008  
DRAWN BY JJS  
CHECKED BY ALT



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
97-00084-00-BR	DU PAGE	241	69	
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 83908				



REVISIONS	
NAME	DATE

CITY OF WHEATON  
**MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD**

**DRAINAGE  
GRADING PLAN**

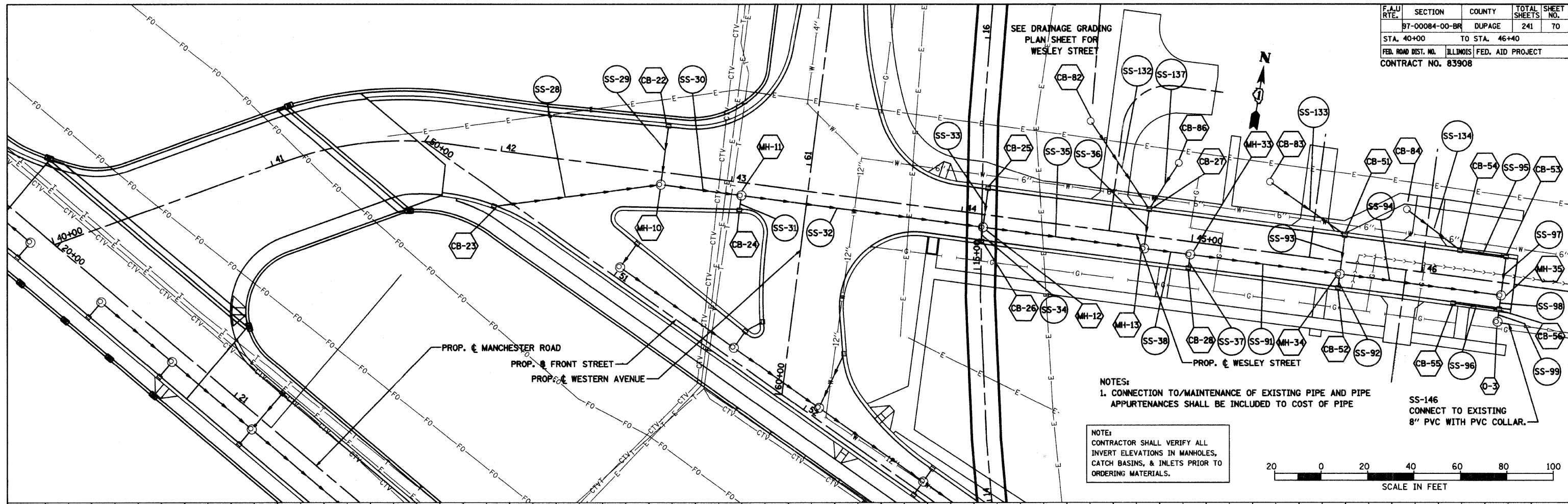
SCALE: VERT. 1" = 10'  
HORIZ. 1" = 10'  
DATE 6/4/2008

DRAWN BY DWV  
CHECKED BY PML

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
87-00084-00-BR	DUPAGE		241	70
STA. 40+00		TO STA. 46+40		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 83908				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAYS CHECKED	
	DATE	
	ADD FILE NAME	

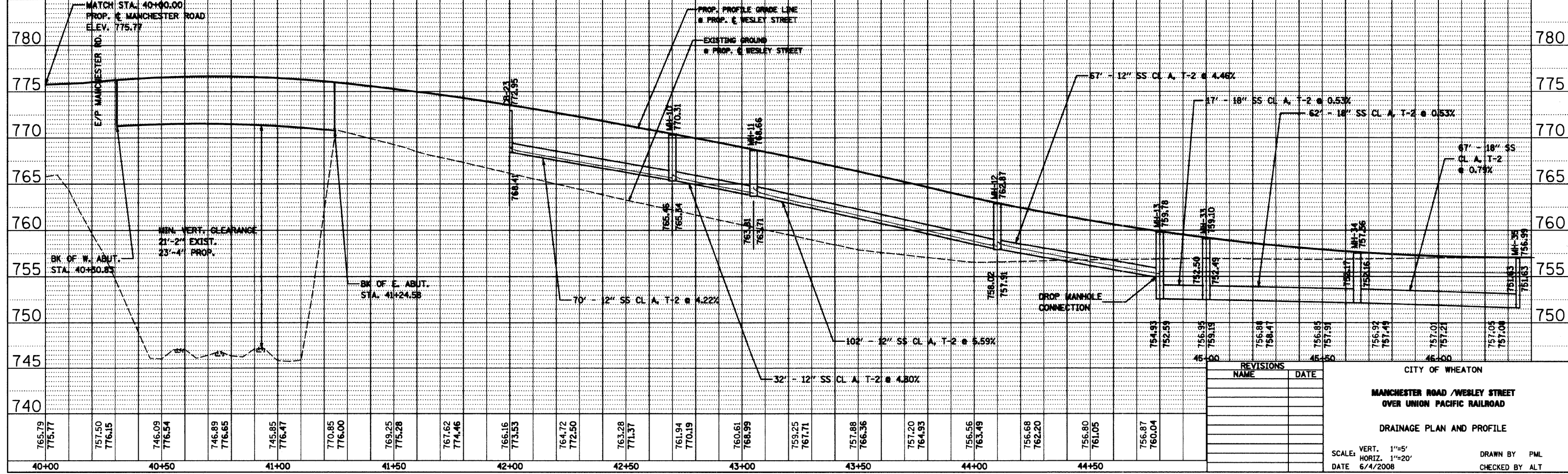
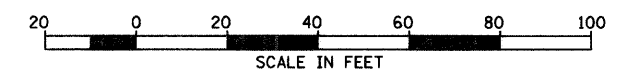
PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAYS CHECKED	
	DATE	
	STRUCTURE NOTATION GRID	



NOTES:  
1. CONNECTION TO/MAINTENANCE OF EXISTING PIPE AND PIPE APPURTENANCES SHALL BE INCLUDED TO COST OF PIPE

NOTE:  
CONTRACTOR SHALL VERIFY ALL INVERT ELEVATIONS IN MANHOLES, CATCH BASINS, & INLETS PRIOR TO ORDERING MATERIALS.

SS-146  
CONNECT TO EXISTING  
8" PVC WITH PVC COLLAR.



REVISIONS	
NAME	DATE

CITY OF WHEATON  
**MANCHESTER ROAD /WESLEY STREET  
OVER UNION PACIFIC RAILROAD**  
DRAINAGE PLAN AND PROFILE  
SCALE: VERT. 1"=5'  
HORIZ. 1"=20'  
DATE 6/4/2008  
DRAWN BY PML  
CHECKED BY ALT

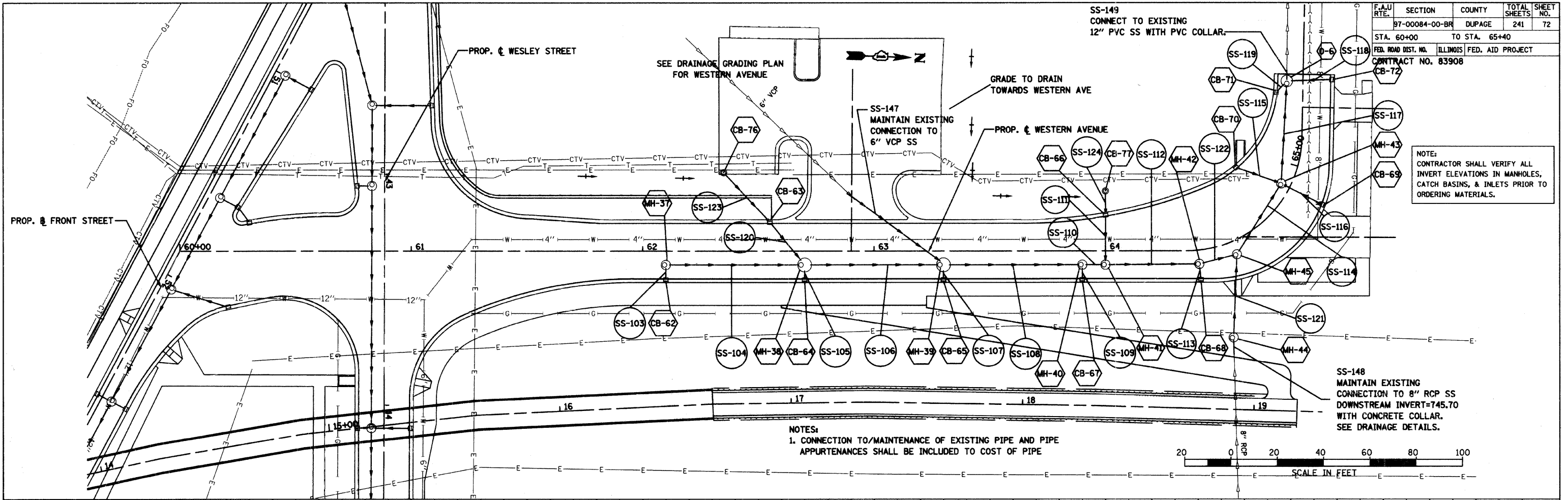




PLAN	SURVEYED	DATE
	NOTED	
	CHECKED	
	BY	
	NO.	

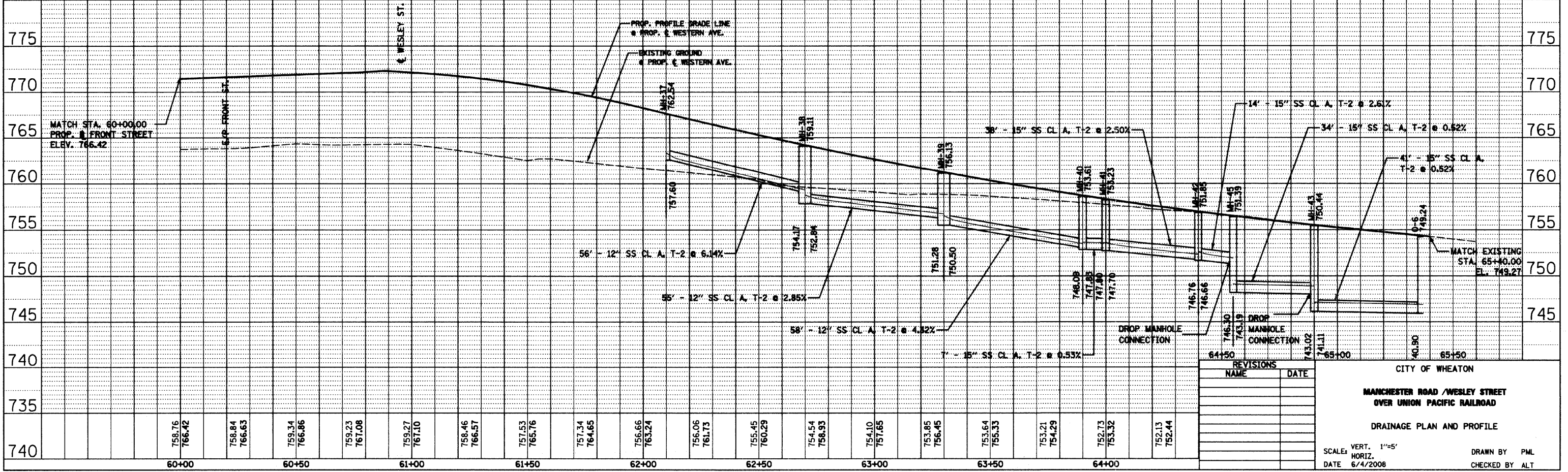
PROFILE	SURVEYED	DATE
	NOTED	
	CHECKED	
	BY	
	NO.	

F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO.
97-00084-00-BR DUPAGE 241 72
STA. 60+00 TO STA. 65+40
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
CONTRACT NO. 83908



NOTES:  
1. CONNECTION TO/MAINTENANCE OF EXISTING PIPE AND PIPE APPURTENANCES SHALL BE INCLUDED TO COST OF PIPE

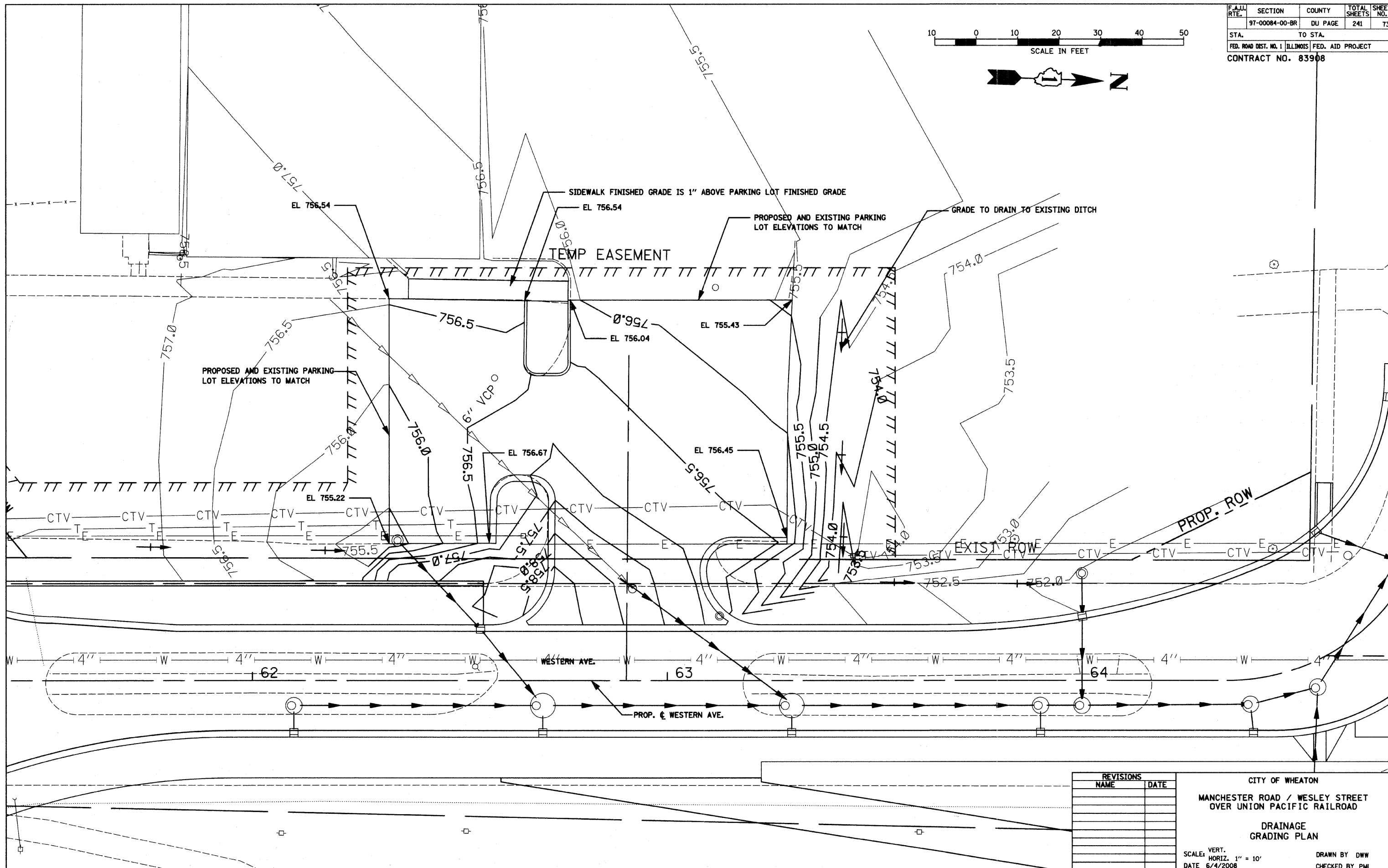
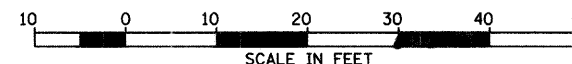
NOTE:  
CONTRACTOR SHALL VERIFY ALL INVERT ELEVATIONS IN MANHOLES, CATCH BASINS, & INLETS PRIOR TO ORDERING MATERIALS.



REVISIONS	
NAME	DATE

CITY OF WHEATON  
MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD  
DRAINAGE PLAN AND PROFILE  
SCALE: VERT. 1"=5'  
HORIZ. DATE 6/4/2008  
DRAWN BY PML  
CHECKED BY ALT

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	97-00084-00-BR	DU PAGE	241	73
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 83908				



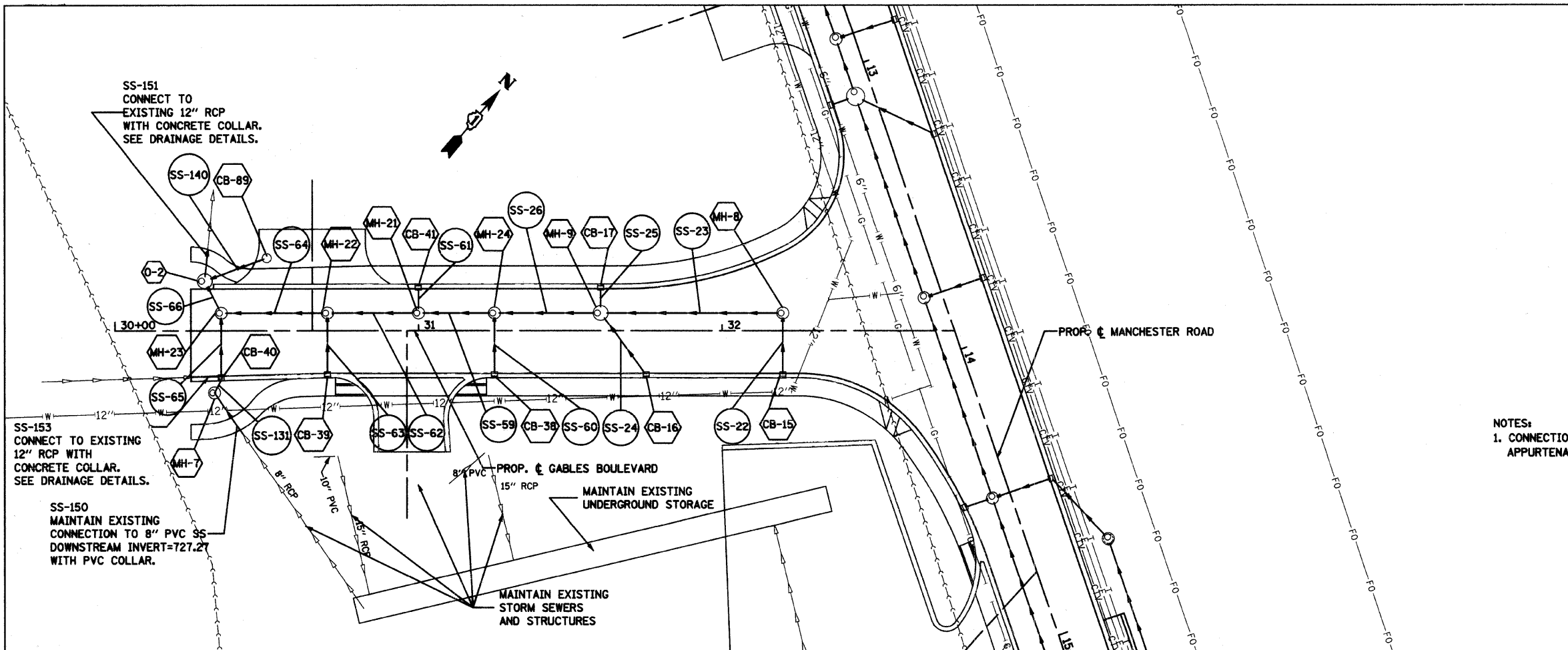
REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 DRAINAGE  
 GRADING PLAN  
 VERT. SCALE: 1" = 10'  
 HORIZ. SCALE: 1" = 10'  
 DATE 6/4/2008  
 DRAWN BY DWV  
 CHECKED BY PML

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	87-00084-00-BR	DUPAGE	241	74
STA. 30+00		TO STA. 32+76.60		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 83908				

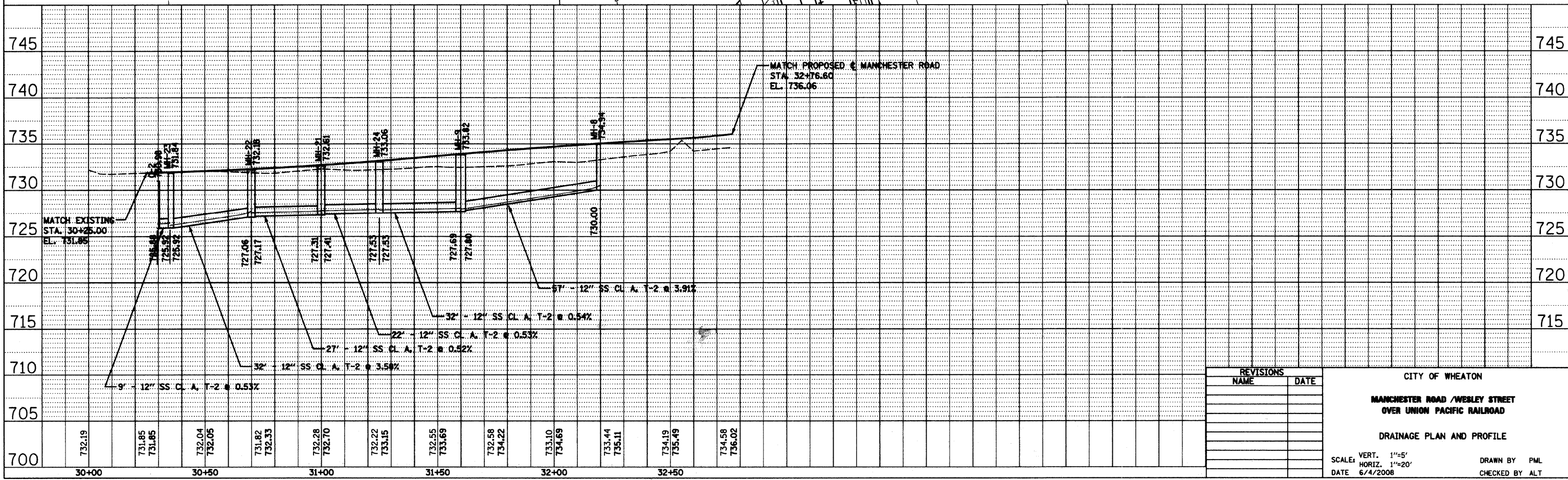
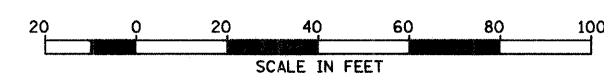
PLAN	SURVEYED	DATE
	BY	
	NOTED	
	RT. OF WAY CHECKED	
	NO. _____	
	ADD FILE NAME	

PROFILE	SURVEYED	DATE
	BY	
	NOTED	
	STRUCTURE NOTATIONS CRD	
	NO. _____	



NOTES:  
1. CONNECTION TO/MAINTENANCE OF EXISTING PIPE AND PIPE APPURTENANCES SHALL BE INCLUDED TO COST OF PIPE

NOTE:  
CONTRACTOR SHALL VERIFY ALL INVERT ELEVATIONS IN MANHOLES, CATCH BASINS, & INLETS PRIOR TO ORDERING MATERIALS.



REVISIONS	
NAME	DATE

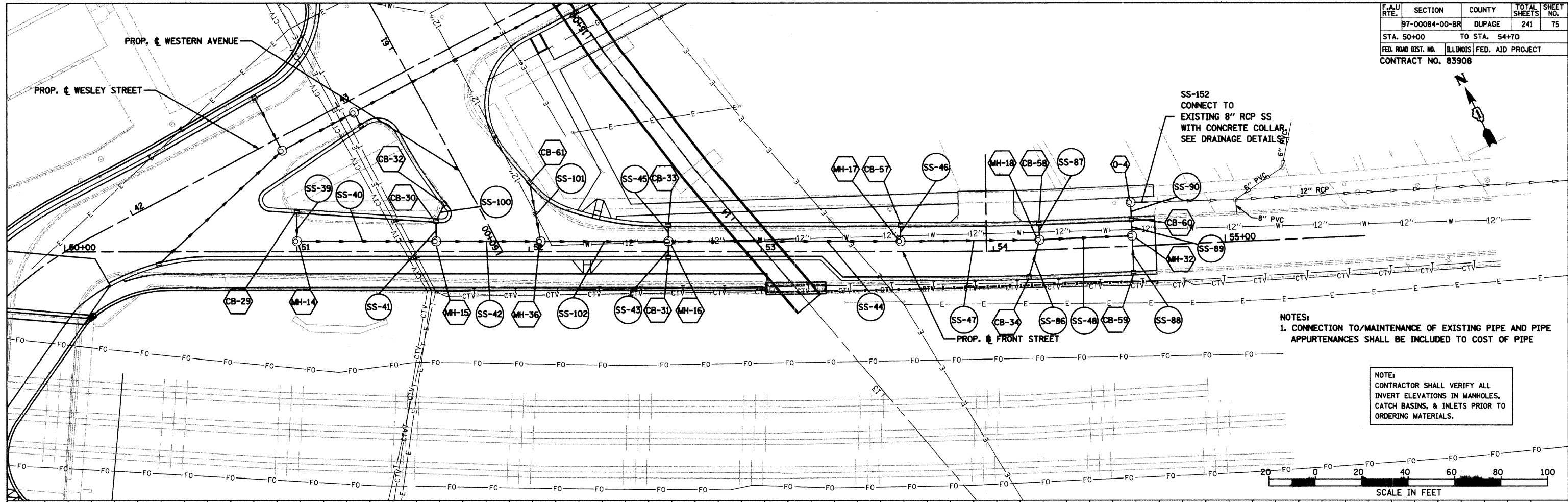
CITY OF WHEATON  
**MANCHESTER ROAD /WEBLEY STREET  
OVER UNION PACIFIC RAILROAD**  
  
DRAINAGE PLAN AND PROFILE  
  
SCALE: VERT. 1"=5'  
HORIZ. 1"=20'  
DATE 6/4/2008  
DRAWN BY PML  
CHECKED BY ALT



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
87-00084-00-BR	DUPAGE		241	75
STA. 50+00		TO STA. 54+70		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 83908				

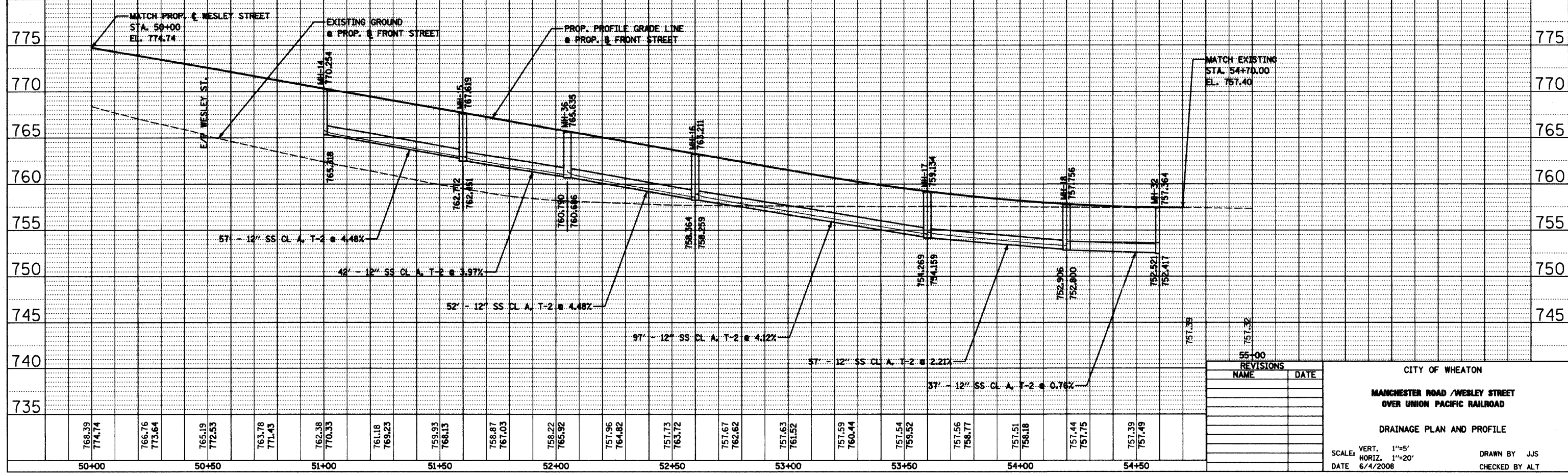
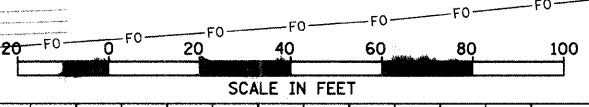
PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	DATE FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHD	



NOTES:  
1. CONNECTION TO/MAINTENANCE OF EXISTING PIPE AND PIPE APPURTENANCES SHALL BE INCLUDED TO COST OF PIPE

NOTE:  
CONTRACTOR SHALL VERIFY ALL INVERT ELEVATIONS IN MANHOLES, CATCH BASINS, & INLETS PRIOR TO ORDERING MATERIALS.

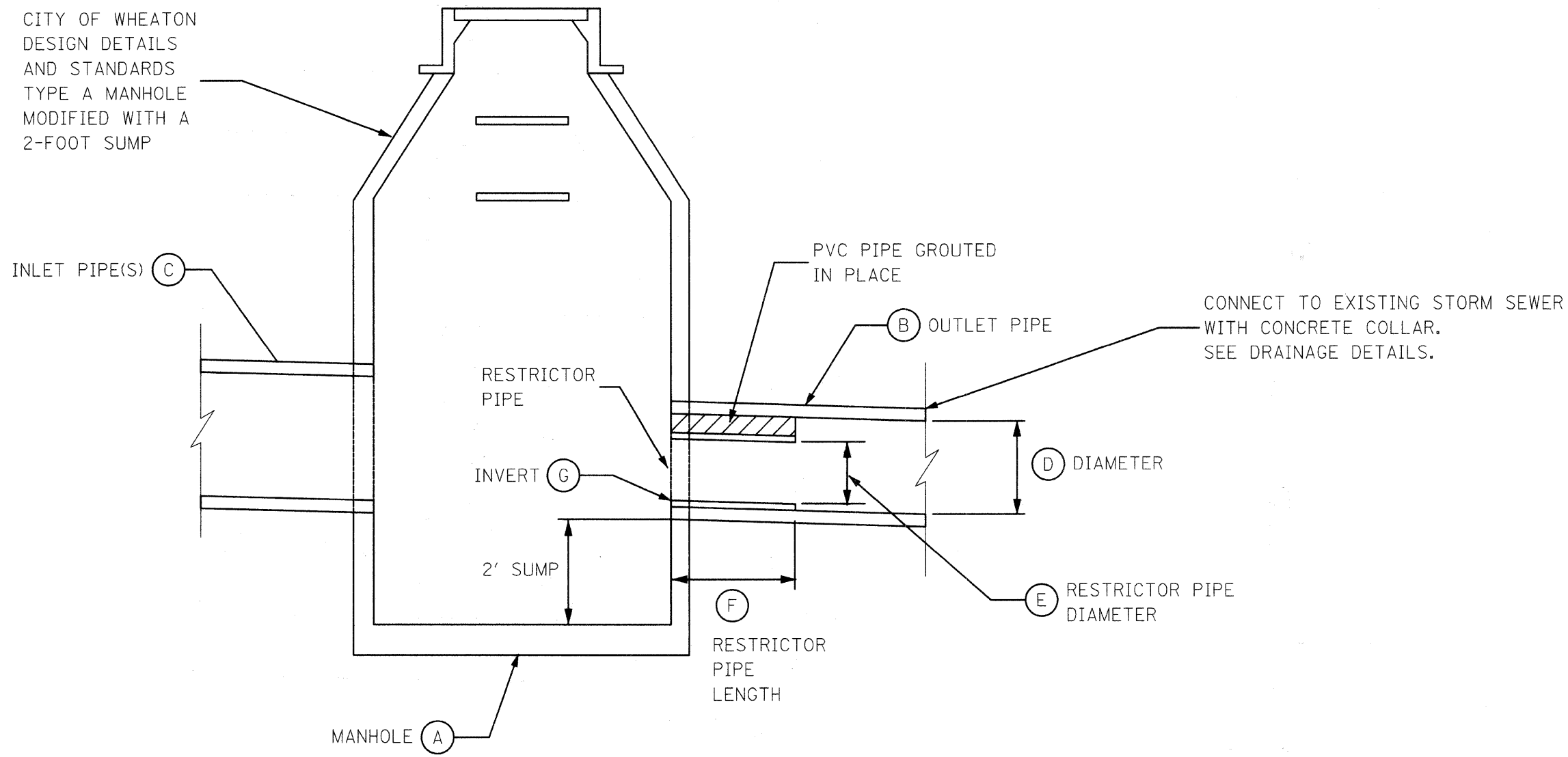


REVISIONS	
NAME	DATE

CITY OF WHEATON  
MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD  
DRAINAGE PLAN AND PROFILE  
SCALE: VERT. 1"=5'  
HORIZ. 1"=20'  
DATE 6/4/2006  
DRAWN BY JJS  
CHECKED BY ALT



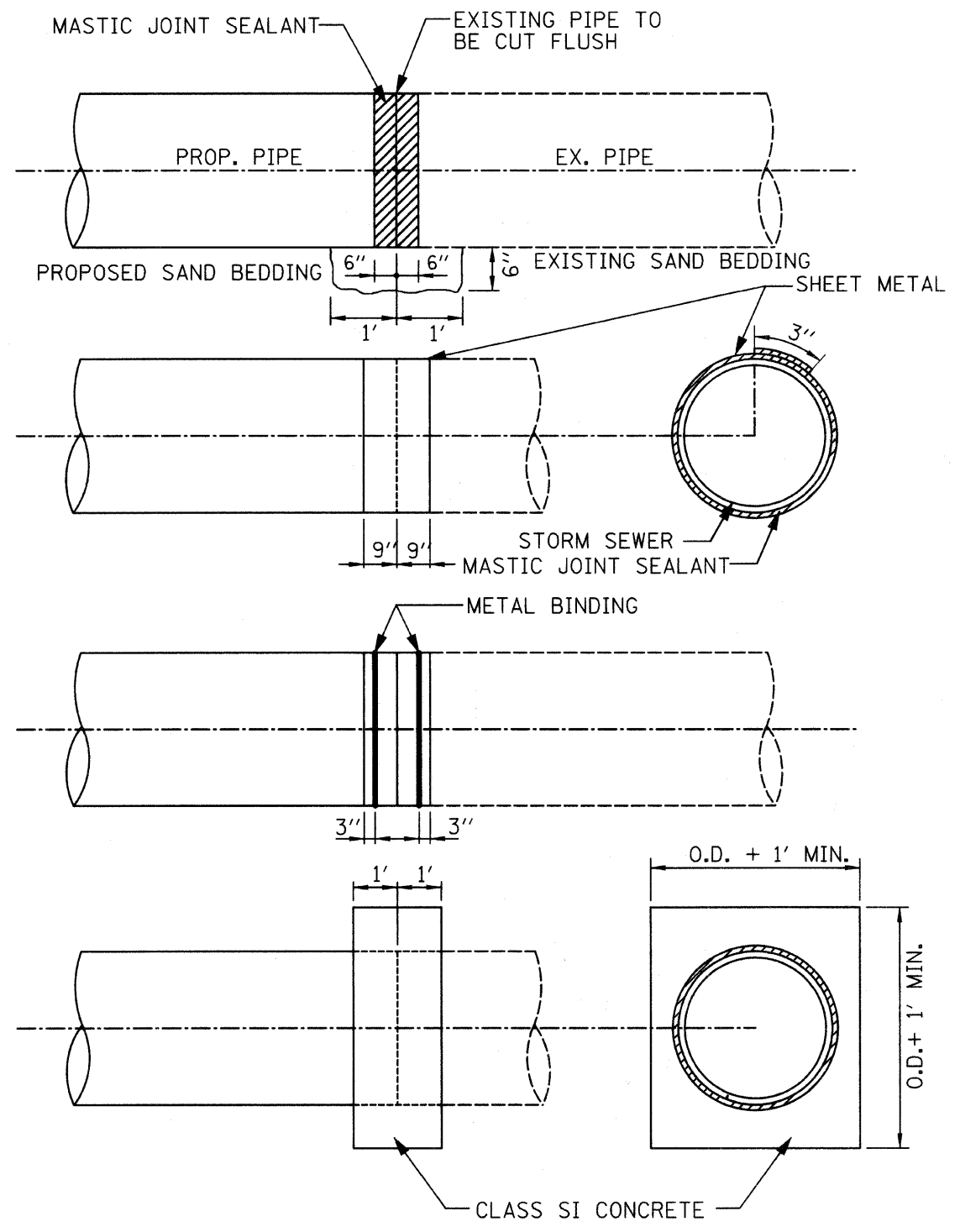
STRUCTURE NUMBER	ROADWAY	STATION	OFFSET	OUTLET PIPE	INLET PIPE(S)	OUTLET PIPE DIAMETER (INCHES)	RESTRICTOR PIPE MATERIAL	RESTRICTOR DIAMETER (INCHES)	RESTRICTOR PIPE LENGTH (FEET)	RESTRICTOR INVERT
A				B	C	D		E	F	G
0-X	MANCHESTER RD.	11+55.00	6' RT	SS-141	SS-129, SS-128, 22-130	18	PVC	15	2.0	724.50
0-5	MANCHESTER RD.	24+70.00	18.5' RT	SS-144	SS-84, SS-85	15	PVC	12	2.0	750.50



**STORM SEWER RESTRICTOR PIPE DETAIL**  
N.T.S.

REVISIONS		CITY OF WHEATON MANCHESTER ROAD / WESLEY STREET OVER UNION PACIFIC RAILROAD  DRAINAGE DETAILS
NAME	DATE	
		SCALE: VERT. 1" = 10' DATE 6/4/2008

DRAWN BY PML  
CHECKED BY JLC



CONCRETE COLLAR

CONSTRUCTION SEQUENCE

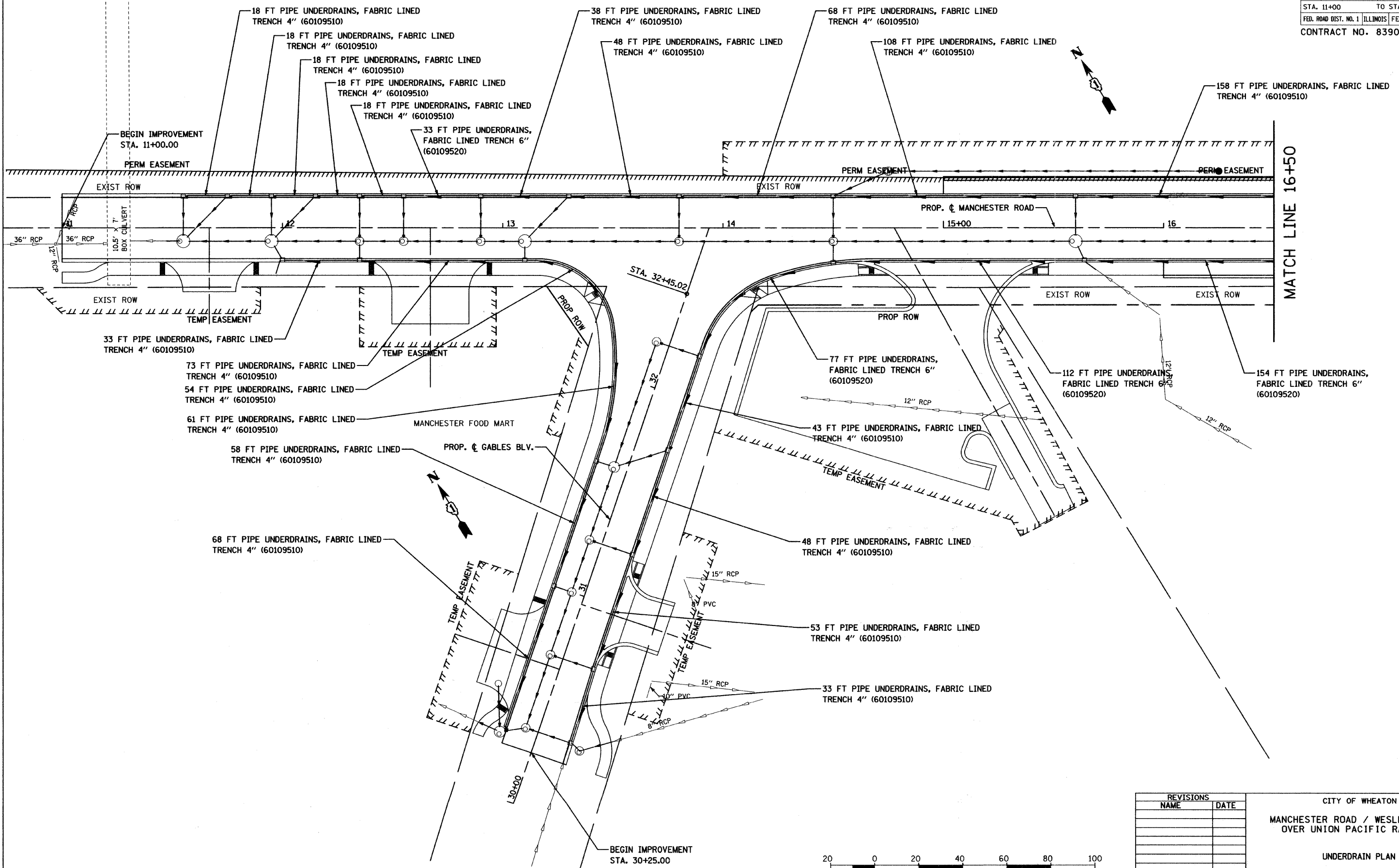
1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALER PER STANDARD SPECIFICATION 1055 TO THE FIRST 6" OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 1' X 6" DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT SHEET METAL GAGE 19 1.5' WIDE AND THE LENGTH OF THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALER BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL OR GEOTEXTILE FABRIC CLASS B AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

GENERAL NOTES:

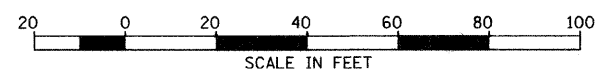
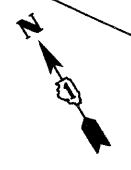
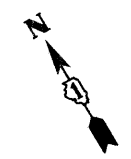
1. WHEN THE CONNECTION LOCATION SHOWN ON THE PLANS IS WITHIN 2' OF AN EXISTING JOINT, GO TO THE EXISTING JOINT.
2. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE PIPE CULVERT. ALL DEBRIS WHICH ENTERS THE PIPE CULVERT MUST BE REMOVED. THE PIPE CULVERT SHALL BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
3. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING PIPE CULVERT.

REVISIONS		CITY OF WHEATON MANCHESTER ROAD / WESLEY STREET OVER UNION PACIFIC RAILROAD
NAME	DATE	
		DRAINAGE DETAILS

VERT. SCALE: 1" = 10'  
 HORIZ. SCALE: 1" = 10'  
 DATE: 6/4/2008  
 DRAWN BY: PML  
 CHECKED BY: JLC



MATCH LINE 16+50



REVISIONS	
NAME	DATE

CITY OF WHEATON  
**MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD**

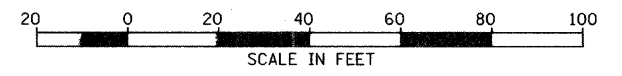
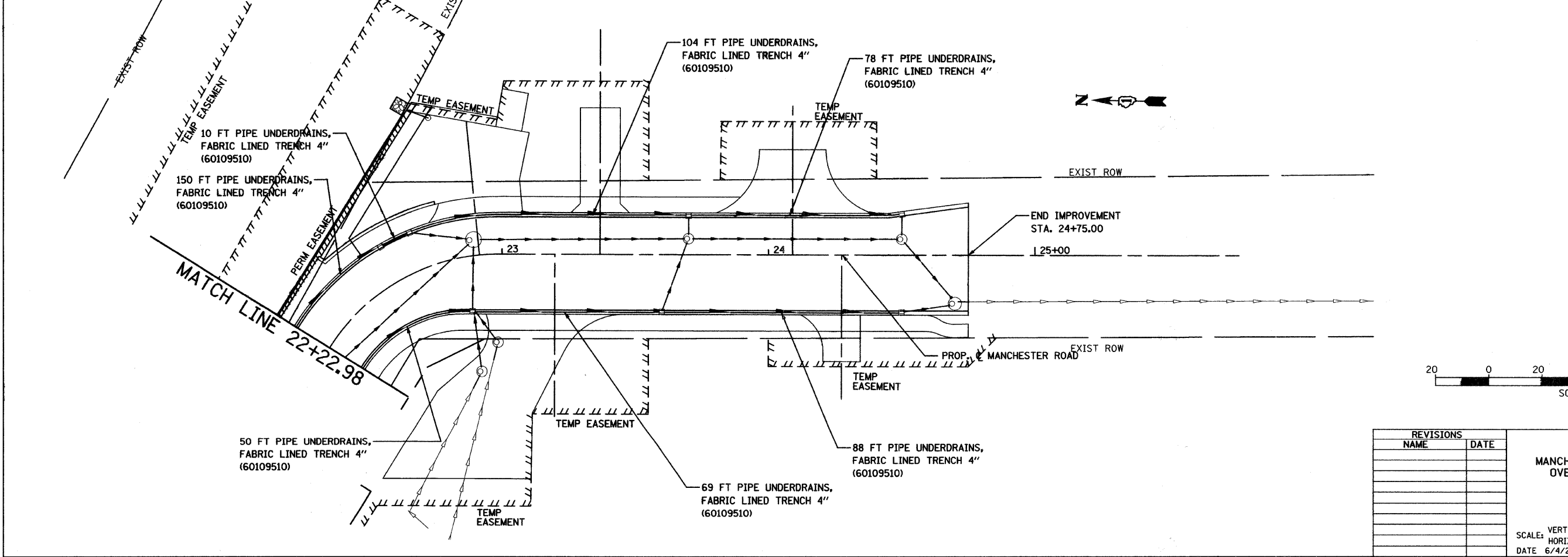
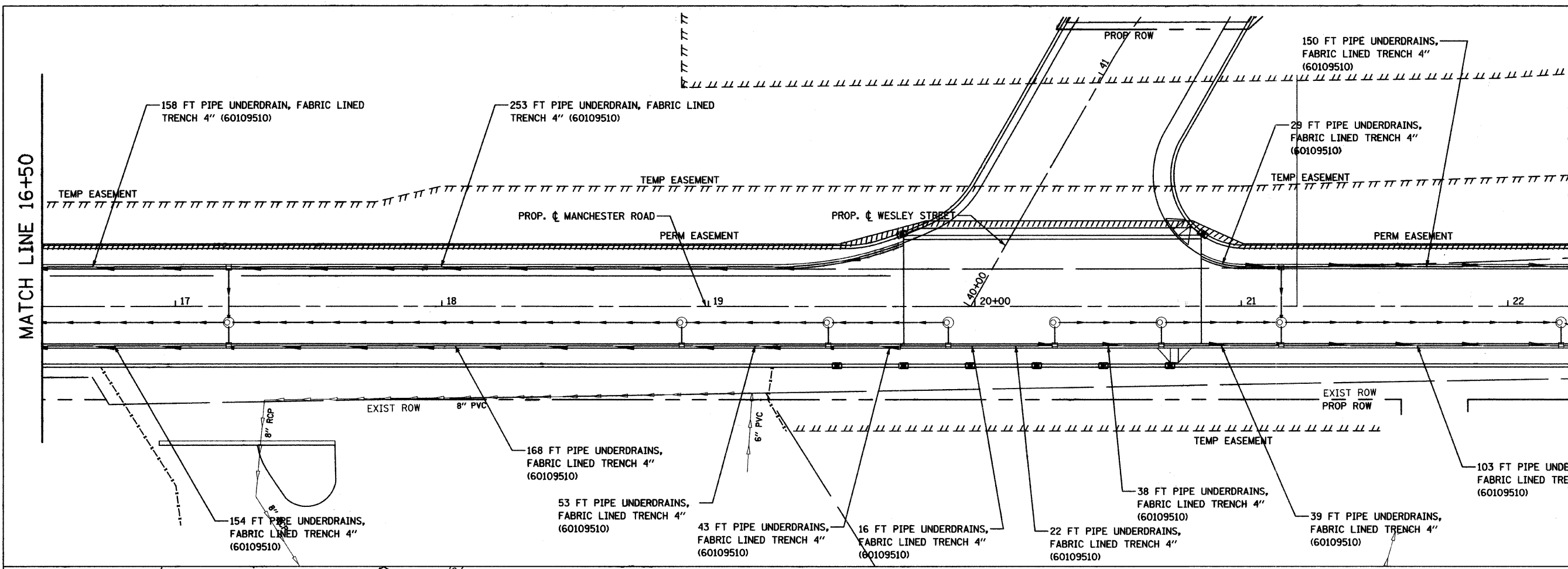
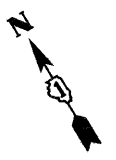
UNDERDRAIN PLAN

SCALE: VERT. 1" = 20'  
HORIZ. 1" = 20'  
DATE 6/4/2008

DRAWN BY BJW  
CHECKED BY JLC

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
97-00084-00-BR	DU PAGE	241	79	
STA. 17+00	TO STA. 24+75.00			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 83908



SHEET 2 OF 4

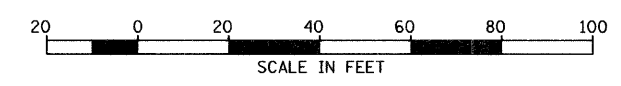
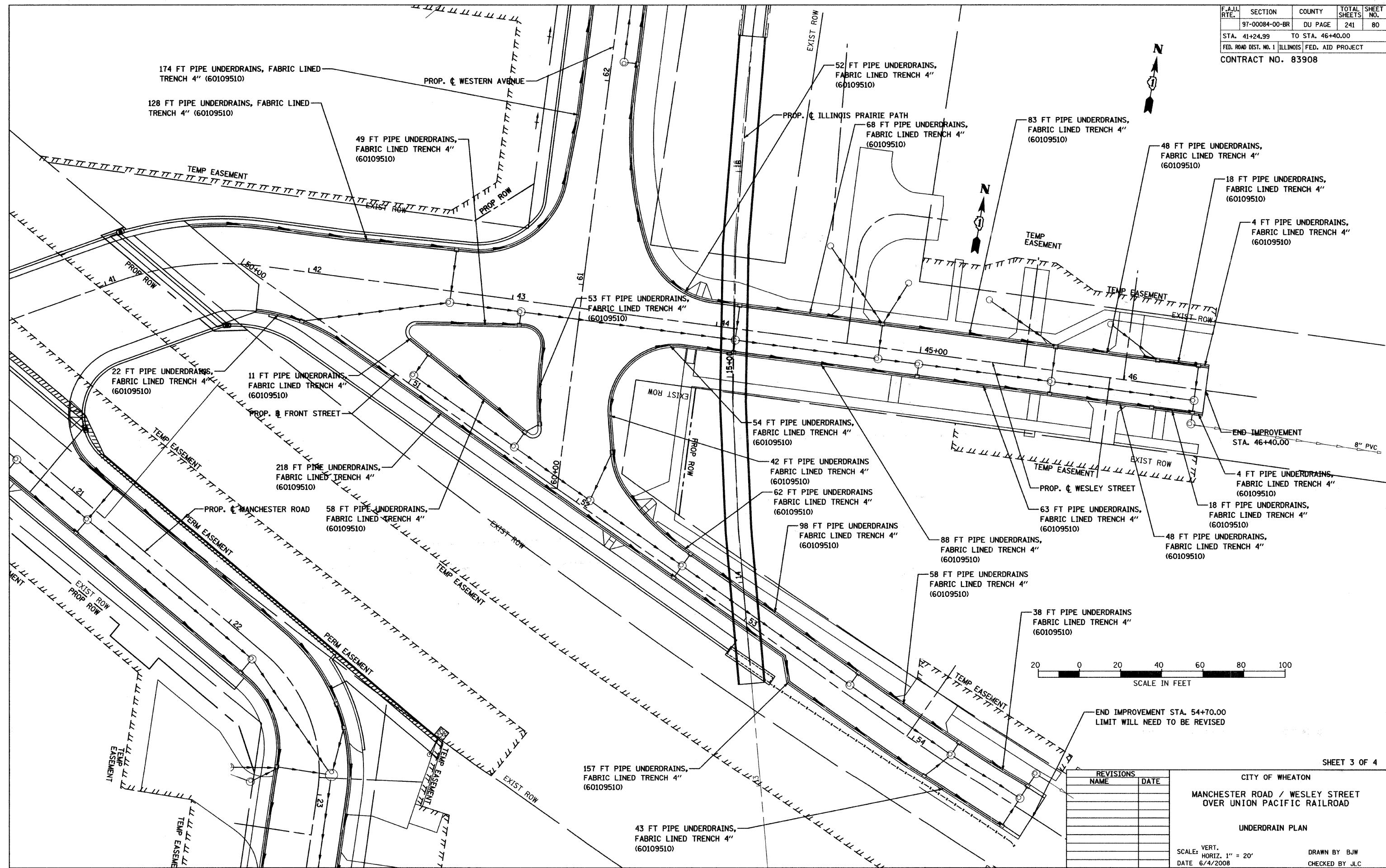
REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD

UNDERDRAIN PLAN

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 20'  
 DATE 6/4/2008

DRAWN BY BJW  
 CHECKED BY JLC



REVISIONS	
NAME	DATE

SHEET 3 OF 4

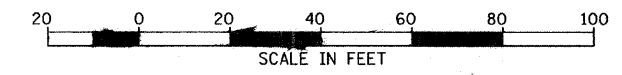
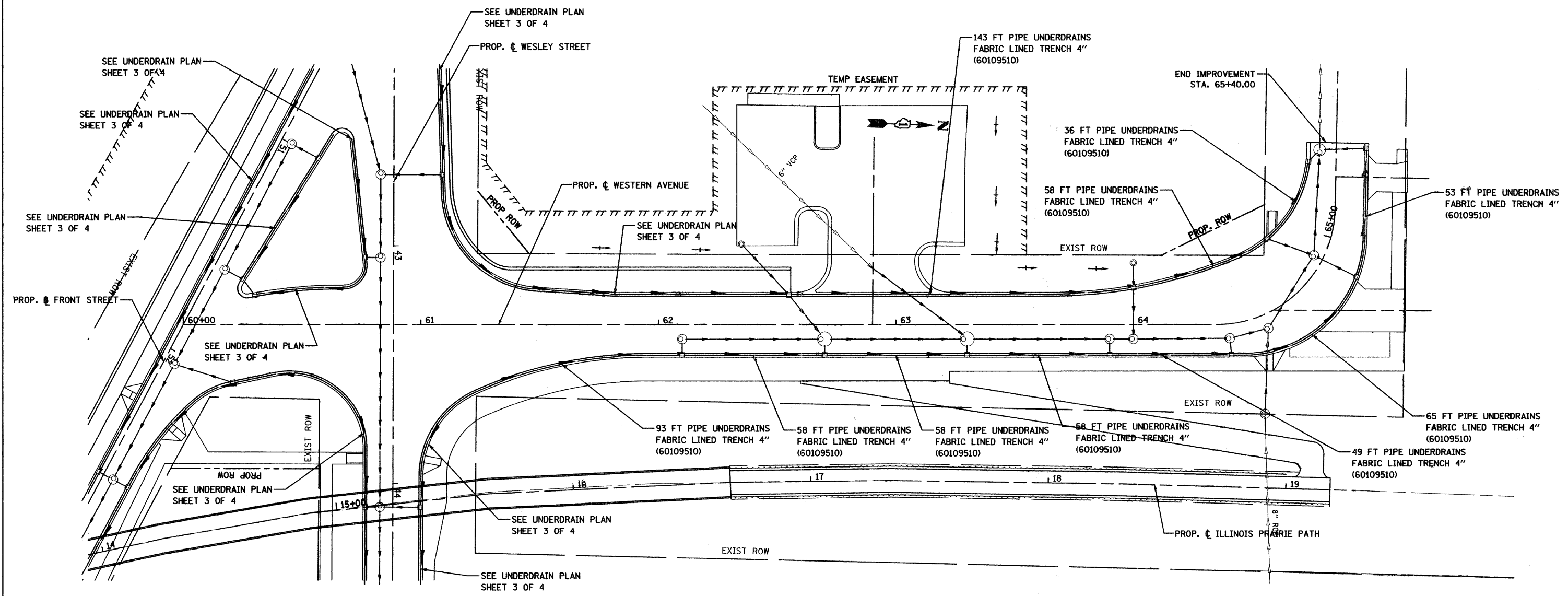
CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD

UNDERDRAIN PLAN

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 20'  
 DATE 6/4/2008

DRAWN BY BJW  
 CHECKED BY JLC



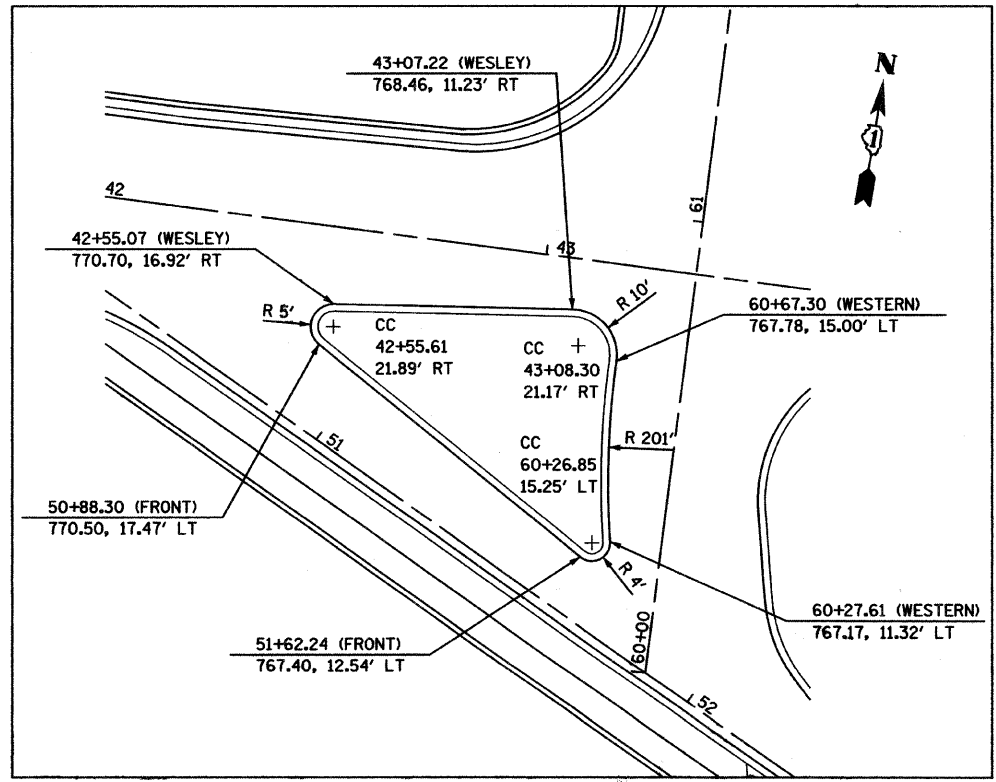
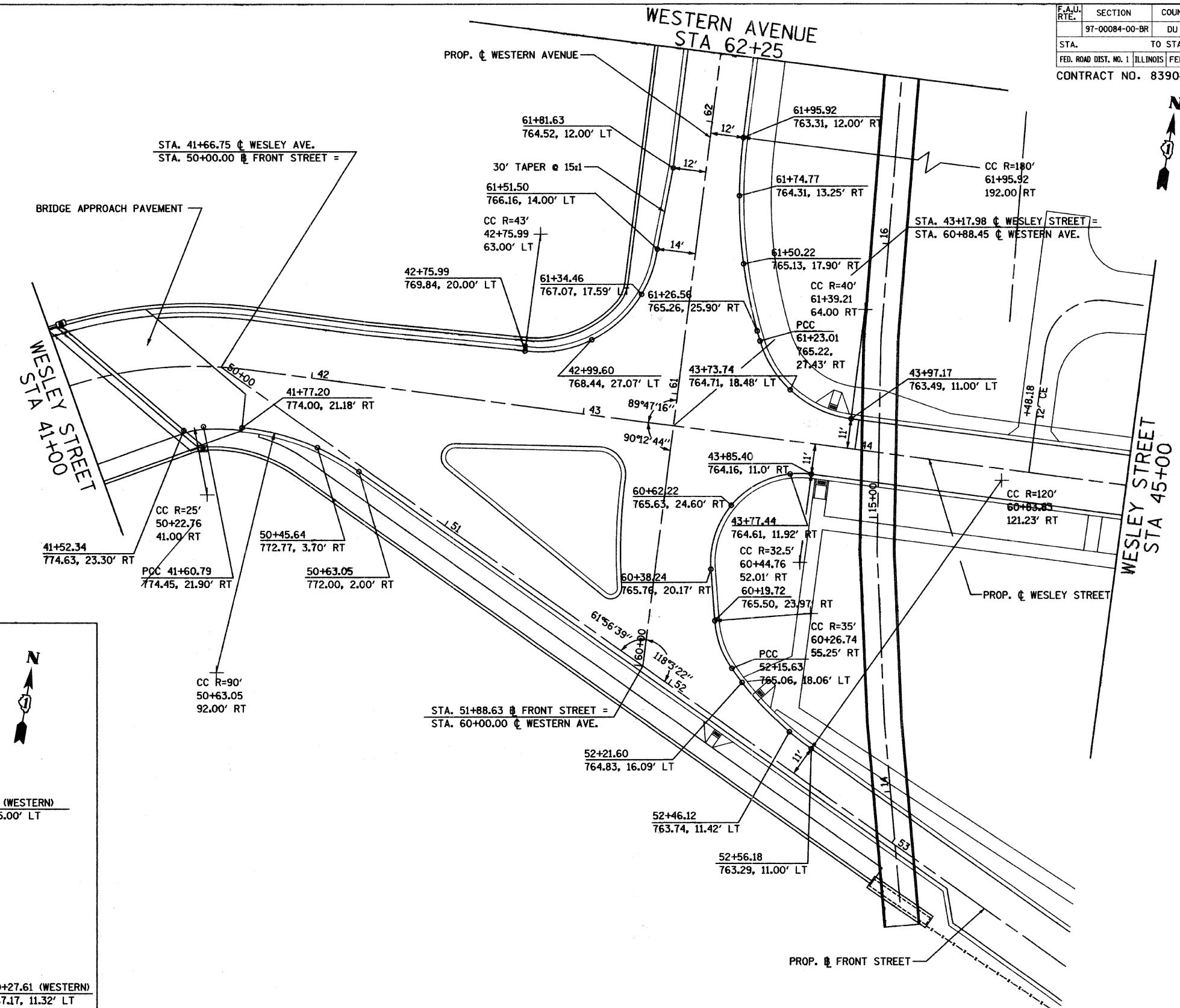


SHEET 4 OF 4

REVISIONS		CITY OF WHEATON MANCHESTER ROAD / WESLEY STREET OVER UNION PACIFIC RAILROAD UNDERDRAIN PLAN
NAME	DATE	
		SCALE: VERT. 1" = 20' HORIZ. DATE 6/4/2008
DRAWN BY BJW CHECKED BY JLC		

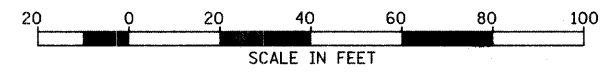






**NOTES:**

1. ELEVATIONS TYPICALLY SHOWN AT APPROXIMATELY 25 FT. INTERVALS
2. ELEVATIONS ON THE BRIDGE SHOWN 1 FT. OFFSET FROM FACE OF CURB



REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 INTERSECTION DETAIL

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 20'  
 DATE 6/4/2008

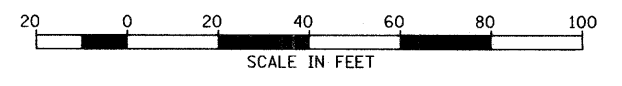
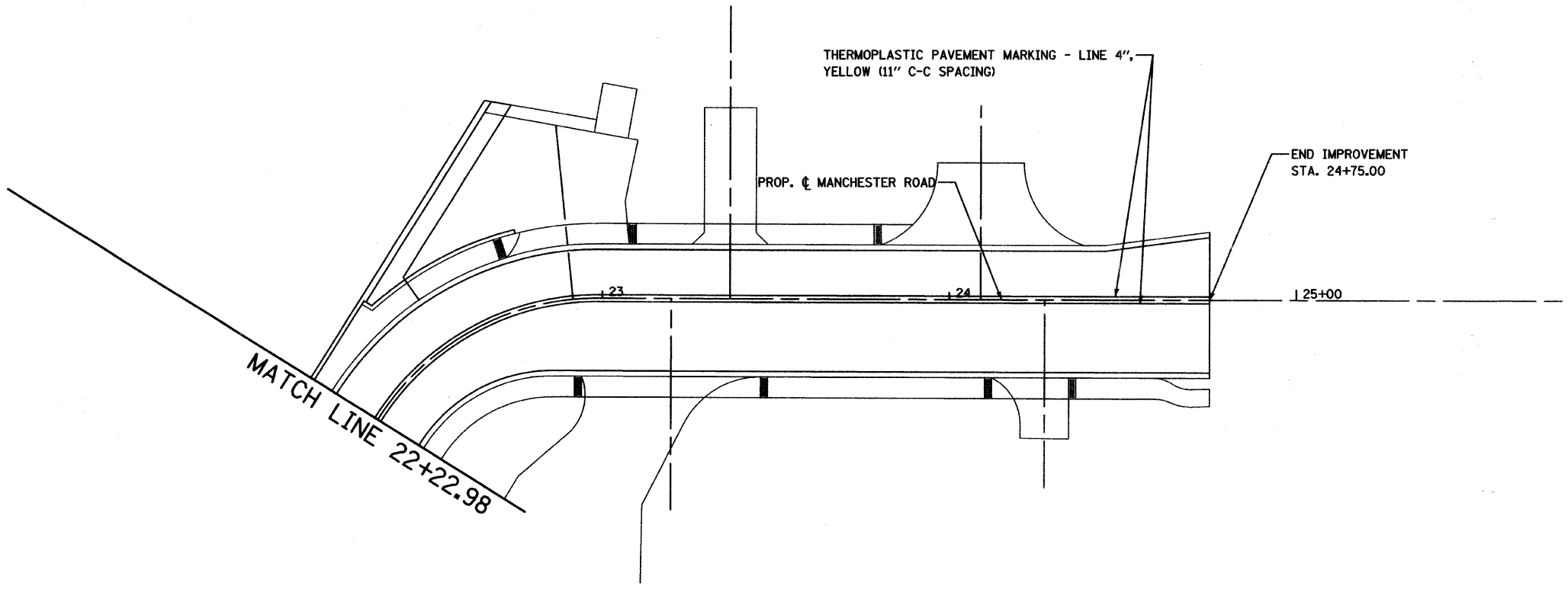
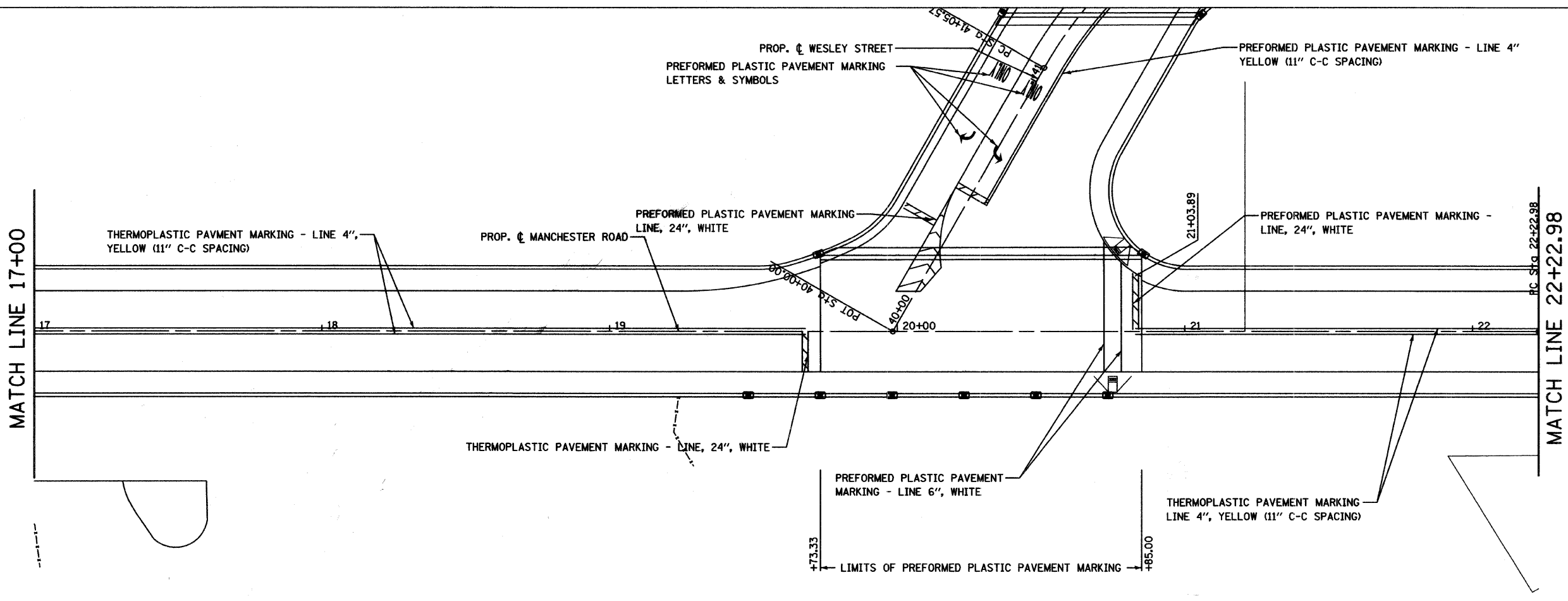
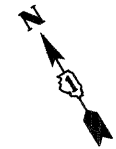
DRAWN BY JJS  
 CHECKED BY DWW





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	97-00084-00-BR	DU PAGE	241	86
STA. 17+00		TO STA. 24+75.00		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 83908				

NOTE:  
FOR PAVEMENT MARKING ON WESLEY STREET,  
SEE NEXT SHEET

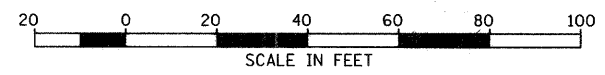
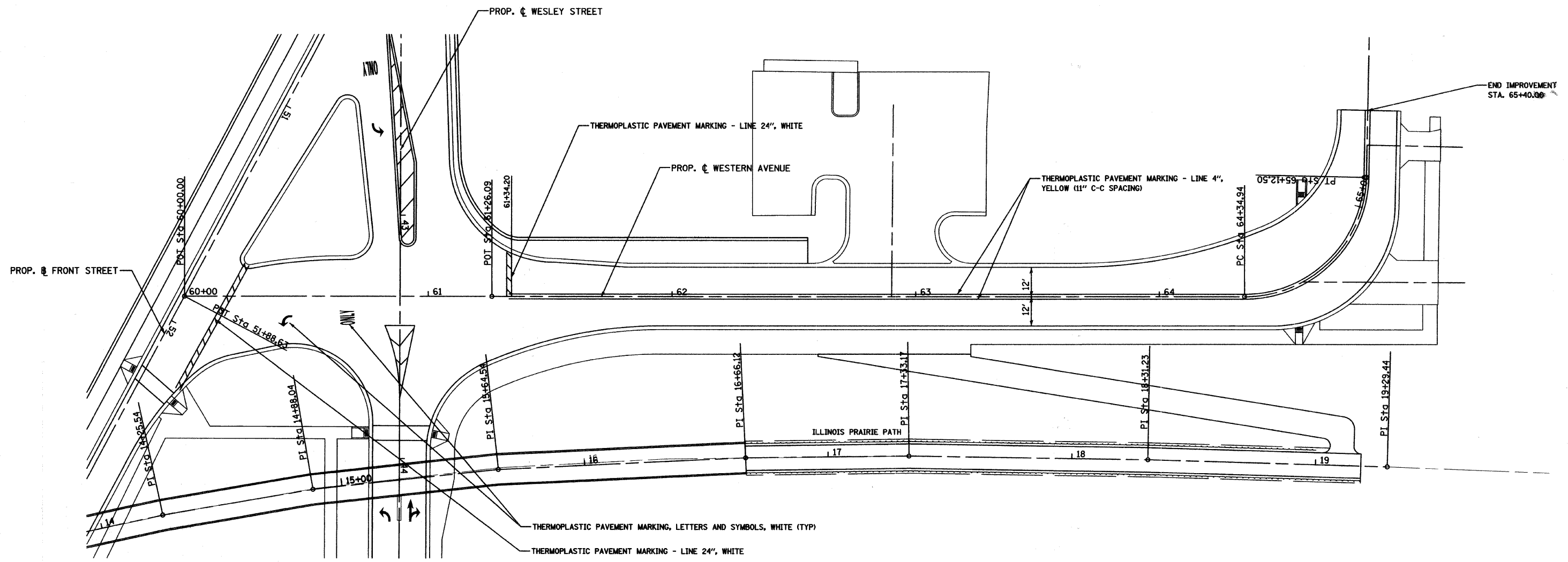


SHEET 2 OF 4

REVISIONS	
NAME	DATE

CITY OF WHEATON  
**MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD**  
PAVEMENT MARKING PLAN  
SCALE: VERT. 1" = 20'  
HORIZ. 1" = 20'  
DATE 6/4/2008  
DRAWN BY MBT  
CHECKED BY ALT





NOTE:  
FOR WESLEY STREET PAVMENT MARKING,  
SEE PREVIOUS SHEET

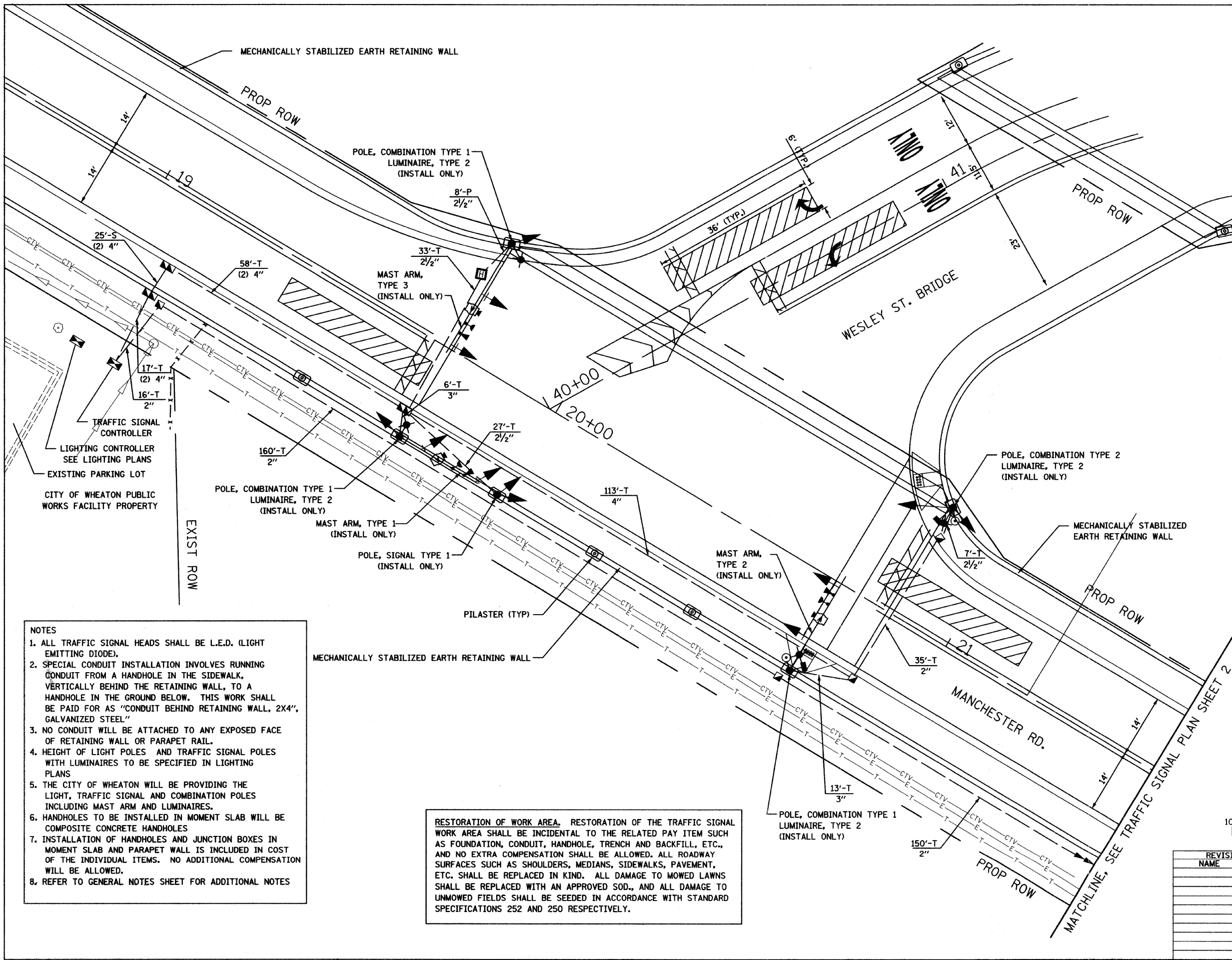
SHEET 4 OF 4

REVISIONS		CITY OF WHEATON MANCHESTER ROAD / WESLEY STREET OVER UNION PACIFIC RAILROAD PAVEMENT MARKING PLAN
NAME	DATE	
		SCALE: VERT. 1" = 20' HORIZ. DATE 6/4/2008
		DRAWN BY MBT CHECKED BY ALT



### TRAFFIC SIGNALS LEGEND

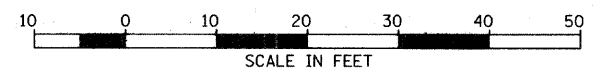
	PROPOSED
CONTROLLER	
POLE MOUNTED TRANSFORMER	
SIGNAL HEAD	
SIGNAL HEAD WITH BACKPLATE	
SIGNAL HEAD PEDESTRIAN	
SIGNAL POST	
SIGNAL POST WITH LUMINAIRE	
VIDEO DETECTION CAMERA	
VEHICLE DETECTION ZONE	
MAST ARM ASSEMBLY AND POLE, STEEL	
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE	
UNIT DUCT	UD
COMMON TRENCH	CT
HANDHOLE	
HEAVY DUTY HANDHOLE	
DOUBLE HANDHOLE	
G.S. CONDUIT IN TRENCH (T), PUSHED (P) OR SPECIAL (S)	
PEDESTRIAN PUSHBUTTON DETECTOR	
EMERGENCY VEHICLE LIGHT DETECTOR	
CONFIRMATION BEACON	



**NOTES**

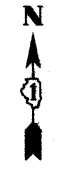
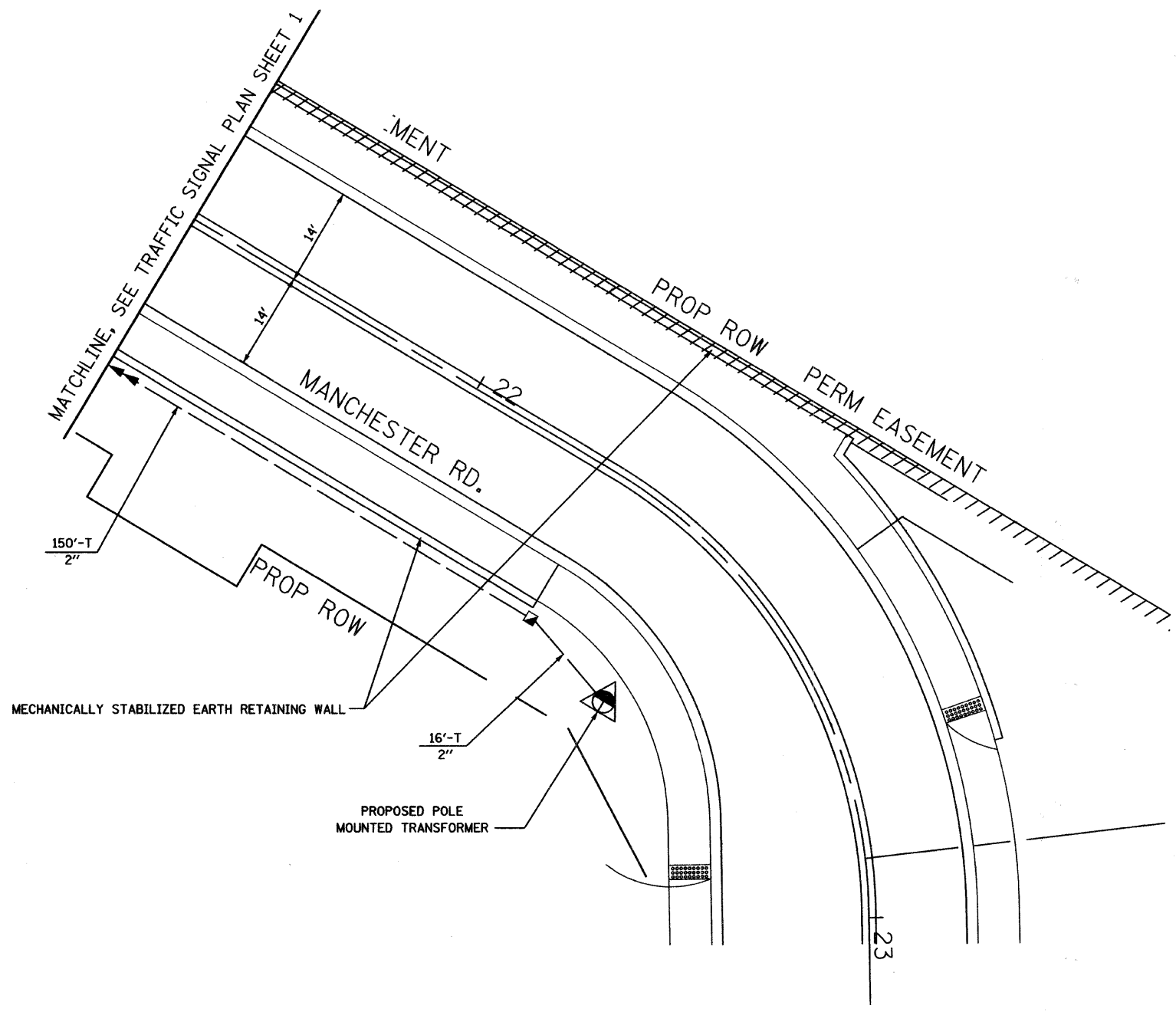
1. ALL TRAFFIC SIGNAL HEADS SHALL BE L.E.D. (LIGHT EMITTING DIODE).
2. SPECIAL CONDUIT INSTALLATION INVOLVES RUNNING CONDUIT FROM A HANDHOLE IN THE SIDEWALK, VERTICALLY BEHIND THE RETAINING WALL, TO A HANDHOLE IN THE GROUND BELOW. THIS WORK SHALL BE PAID FOR AS "CONDUIT BEHIND RETAINING WALL, 2X4", GALVANIZED STEEL"
3. NO CONDUIT WILL BE ATTACHED TO ANY EXPOSED FACE OF RETAINING WALL OR PARAPET RAIL.
4. HEIGHT OF LIGHT POLES AND TRAFFIC SIGNAL POLES WITH LUMINAIRES TO BE SPECIFIED IN LIGHTING PLANS
5. THE CITY OF WHEATON WILL BE PROVIDING THE LIGHT, TRAFFIC SIGNAL AND COMBINATION POLES INCLUDING MAST ARM AND LUMINAIRES.
6. HANDHOLES TO BE INSTALLED IN MOMENT SLAB WILL BE COMPOSITE CONCRETE HANDHOLES
7. INSTALLATION OF HANDHOLES AND JUNCTION BOXES IN MOMENT SLAB AND PARAPET WALL IS INCLUDED IN COST OF THE INDIVIDUAL ITEMS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. REFER TO GENERAL NOTES SHEET FOR ADDITIONAL NOTES

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.























REVISIONS	
NAME	DATE

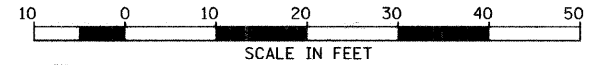
CITY OF WHEATON  
**MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD**  
TRAFFIC SIGNAL PLAN  
SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 6/4/2008  
DRAWN BY LR  
CHECKED BY MP



**TRAFFIC SIGNALS LEGEND**

- CONTROLLER 
- POLE MOUNTED TRANSFORMER 
- SIGNAL HEAD 
- SIGNAL HEAD WITH BACKPLATE 
- SIGNAL HEAD PEDESTRIAN 
- SIGNAL POST 
- SIGNAL POST WITH LUMINAIRE 
- VIDEO DETECTION CAMERA 
- VEHICLE DETECTION ZONE 
- MAST ARM ASSEMBLY AND POLE, STEEL 
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE 
- UNIT DUCT 
- COMMON TRENCH 
- HANDHOLE 
- HEAVY DUTY HANDHOLE 
- DOUBLE HANDHOLE 
- G.S. CONDUIT IN TRENCH (T), PUSHED (P) OR SPECIAL (S) 
- PEDESTRIAN PUSHBUTTON DETECTOR 
- EMERGENCY VEHICLE LIGHT DETECTOR 
- CONFIRMATION BEACON 

**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.



REVISIONS	
NAME	DATE

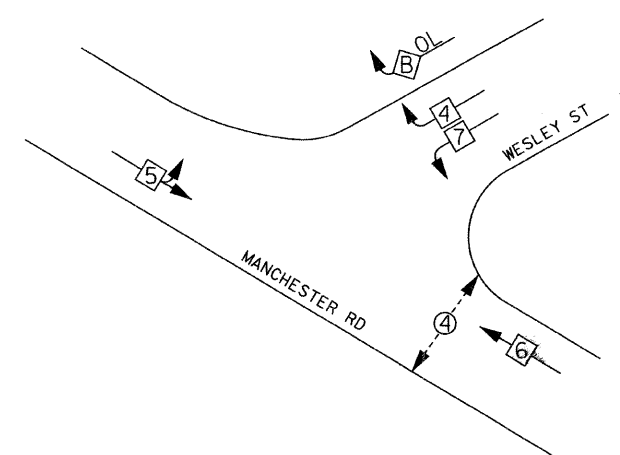
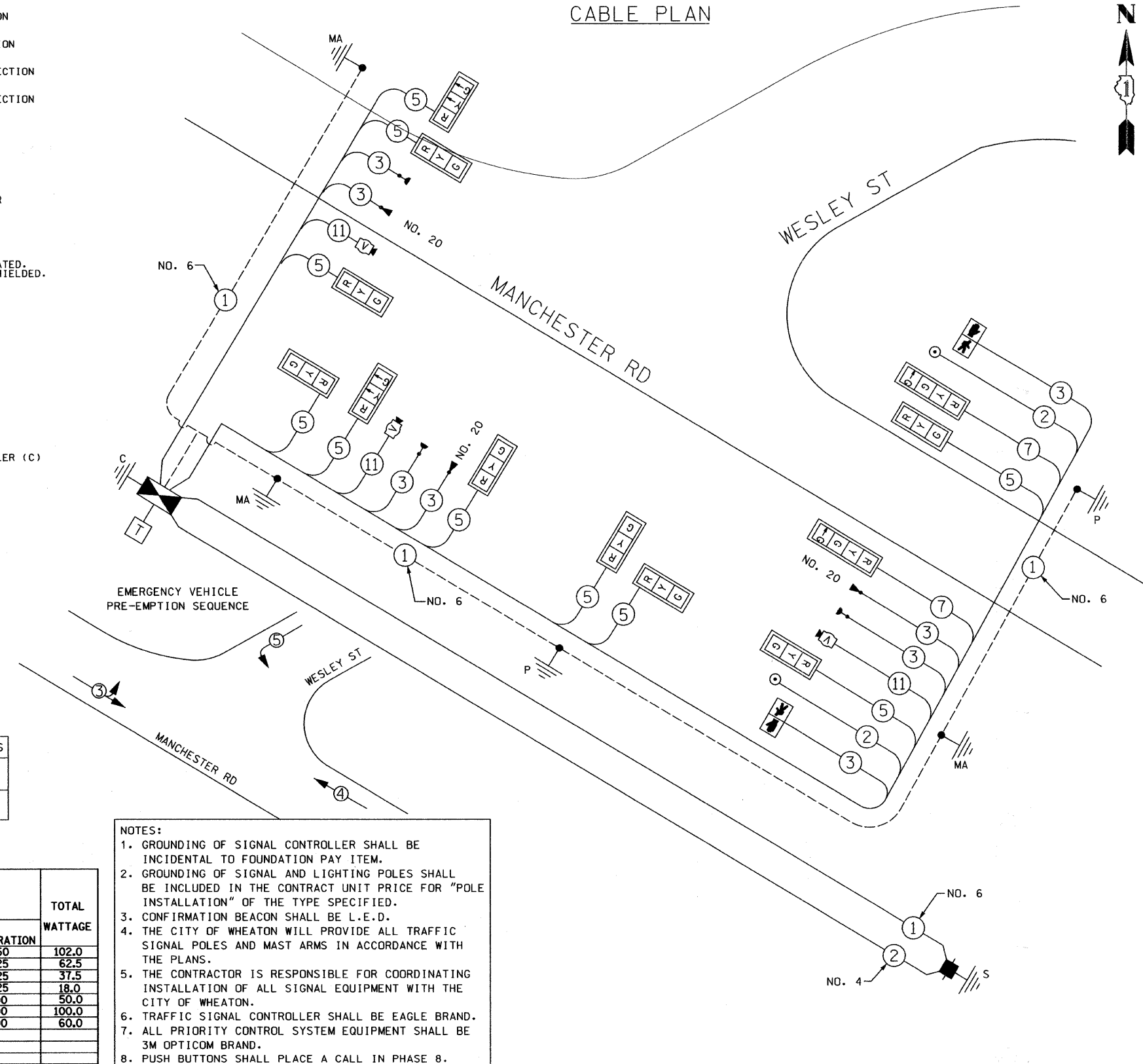
CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 TRAFFIC SIGNAL PLAN  
 SCALE: VERT.      DRAWN BY LR  
           HORIZ.      CHECKED BY MYP  
 DATE 6/4/2008



CABLE PLAN LEGEND

- PROPOSED**
- G** 8" (200mm) TRAFFIC SIGNAL SECTION
  - R** 12" (300mm) TRAFFIC SIGNAL SECTION
  - W** 12" (300mm) PEDESTRIAN SIGNAL SECTION
  - 12"** (300mm) PEDESTRIAN SIGNAL SECTION
  - CONTROLLER**
  - SERVICE INSTALLATION**
  - TELEPHONE INSTALLATION**
  - EMERGENCY VEHICLE LIGHT DETECTOR**
  - CONFIRMATION BEACON**
  - PUSHBUTTON DETECTOR**
  - 2** DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO.14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
  - 1** GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
  - 24** FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F SM12F
  - R Y G** SIGNAL FACE WITH BACKPLATE "P" INDICATES PROGRAMMED HEAD.
  - C** GROUND ROD AT HANDHOLE (H) DOUBLE HANDHOLE (H), OR CONTROLLER (C)
  - P** GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
  - S** GROUND ROD AT ELECTRIC SERVICE INSTALLATION
  - V** VIDEO DETECTION CAMERA

CABLE PLAN



- PHASE DESIGNATION DIAGRAM**
- OVERLAP LETTER = PERMISSIVE PHASE + PROTECTED PHASE
- B = 4 + 5
- LEGEND**
- DUAL ENTRY PHASE**
  - SINGLE ENTRY PHASE**
  - OVERLAP**
  - PEDESTRIAN PHASE**
  - \* NUMBER REFERS TO ASSOCIATED PHASE**

**PROPOSED EMERGENCY VEHICLE PREEMPTORS**

EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	←	↓

**SCHEDULE OF QUANTITIES**

80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	377
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	75
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	19
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	263
81400100	HANDHOLE	EACH	3
81400200	HEAVY-DUTY HANDHOLE	EACH	1
81400300	DOUBLE HANDHOLE	EACH	3
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	2
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	664.5
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1464.5
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2419
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	664.5
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4
88030020	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	7
88030050	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
88000220	SIGNAL HEAD, L.E.D., 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1
88000230	SIGNAL HEAD, L.E.D., 1-FACE, 4-SECTION, MAST-ARM MOUNTED	EACH	1
88102710	PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED	EACH	2
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	6
88700200	LIGHT DETECTOR	EACH	3
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
88800100	PEDESTRIAN PUSH-BUTTON	EACH	2
X8730005	ELECTRIC CABLE IN CONDUIT, NO. 4 1/C	FOOT	752
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	855
X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	800
XX003982	VIDEO VEHICLE DETECTION SYSTEM	EACH	1
	LUMINAIRE INSTALLATION, TYPE 2	EACH	4
	MAST ARM INSTALLATION, TYPE 1	EACH	1
	MAST ARM INSTALLATION, TYPE 2	EACH	1
	MAST ARM INSTALLATION, TYPE 3	EACH	1
	POLE INSTALLATION, SIGNAL TYPE 1	EACH	1
	POLE INSTALLATION, COMBINATION TYPE 1	EACH	3
	POLE INSTALLATION, COMBINATION TYPE 2	EACH	1
	CONDUIT BEHIND RETAINING WALL, 2X4", GALVANIZED STEEL	FOOT	25

- NOTES:**
- GROUNDING OF SIGNAL CONTROLLER SHALL BE INCIDENTAL TO FOUNDATION PAY ITEM.
  - GROUNDING OF SIGNAL AND LIGHTING POLES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "POLE INSTALLATION" OF THE TYPE SPECIFIED.
  - CONFIRMATION BEACON SHALL BE L.E.D.
  - THE CITY OF WHEATON WILL PROVIDE ALL TRAFFIC SIGNAL POLES AND MAST ARMS IN ACCORDANCE WITH THE PLANS.
  - THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF ALL SIGNAL EQUIPMENT WITH THE CITY OF WHEATON.
  - TRAFFIC SIGNAL CONTROLLER SHALL BE EAGLE BRAND.
  - ALL PRIORITY CONTROL SYSTEM EQUIPMENT SHALL BE 3M OPTICOM BRAND.
  - PUSH BUTTONS SHALL PLACE A CALL IN PHASE 8.

**I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	WATTAGE	INCAND.	LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	135	17	0.50		102.0
(YELLOW)	10	135	25	0.25		62.5
(GREEN)	10	135	15	0.25		37.5
ARROW	6	135	12	0.25		18.0
PED. SIGNAL	2	90	25	1.00		50.0
CONTROLLER	1	100		1.00		100.0
CAMERA	3	20		1.00		60.0
FLASHER						
TOTAL =						428.0

ENERGY COSTS TO: TOTAL = 428.0

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAY / DISTRICT I  
201 WEST CENTER COURT / SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT:  
PHONE:  
COMPANY:

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)
D - 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.	1	(0.5)	BRACKET MOUNTED	13	(4.0)
30" (750mm)	15	(4.6)	FIBER OPTIC	13	(4.0)	PEDESTRIAN PUSH BUTTON	4	(1.2)
			ELECTRIC SERVICE	1	(0.5)	ELECTRIC SERVICE	13.5	(4.0)
			GROUND CABLE	1	(0.5)	SERVICE TO GROUND	13.5	(4.0)
						POST MOUNTED	6	(1.8)

**REVISIONS**

NAME	DATE

CITY OF WHEATON  
MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD

SCHEDULE OF QUANTITIES,  
CABLE PLAN & PHASE  
DESIGNATION DIAGRAM

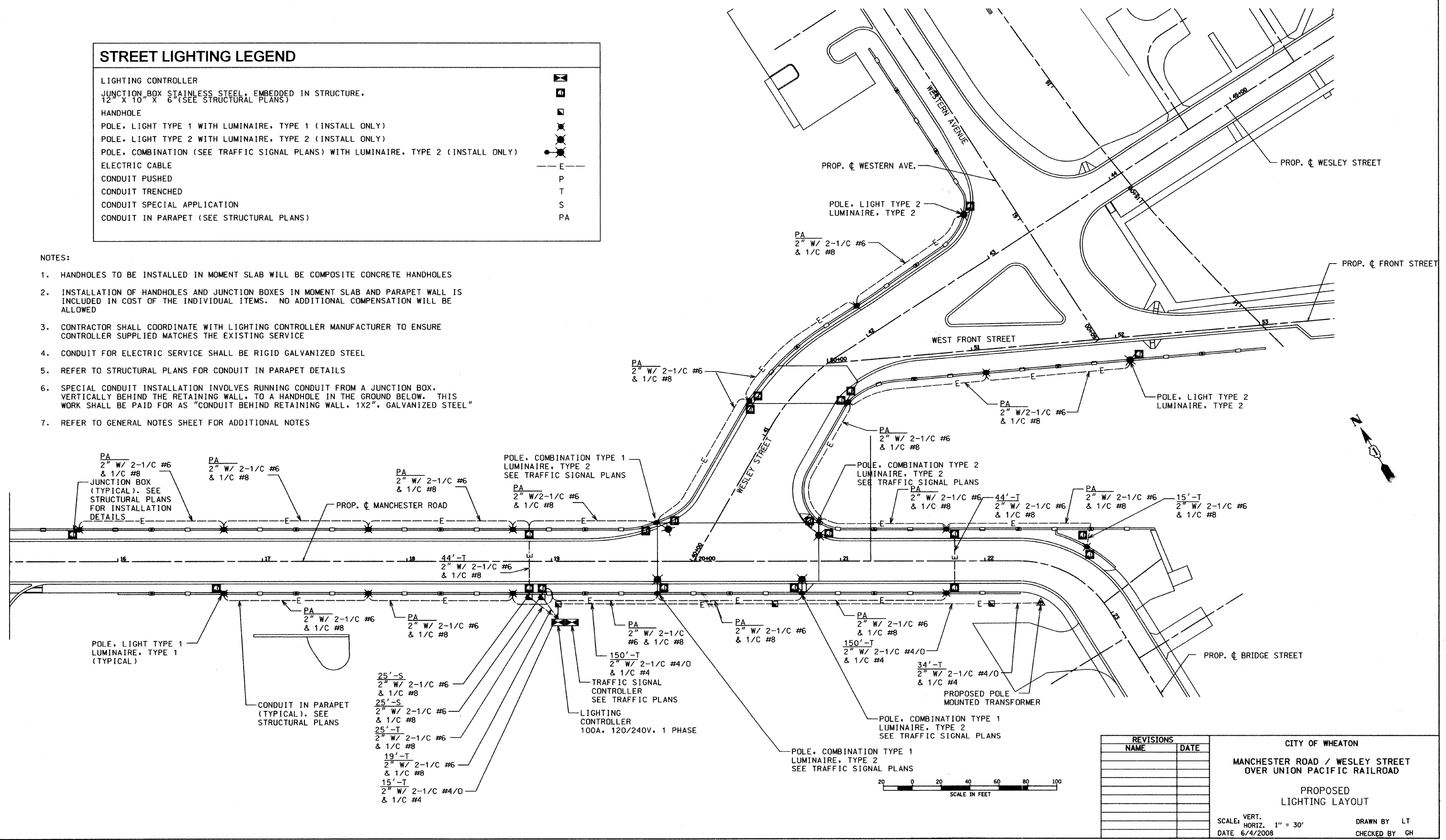
SCALE: VERT. DATE 6/4/2008  
HORIZ. DRAWN BY LR  
CHECKED BY MYP

### STREET LIGHTING LEGEND

LIGHTING CONTROLLER	
JUNCTION BOX STAINLESS STEEL, EMBEDDED IN STRUCTURE, 12" X 10" X 6" (SEE STRUCTURAL PLANS)	
HANDHOLE	
POLE, LIGHT TYPE 1 WITH LUMINAIRE, TYPE 1 (INSTALL ONLY)	
POLE, LIGHT TYPE 2 WITH LUMINAIRE, TYPE 2 (INSTALL ONLY)	
POLE, COMBINATION (SEE TRAFFIC SIGNAL PLANS) WITH LUMINAIRE, TYPE 2 (INSTALL ONLY)	
ELECTRIC CABLE	E
CONDUIT PUSHED	P
CONDUIT TRENCHED	T
CONDUIT SPECIAL APPLICATION	S
CONDUIT IN PARAPET (SEE STRUCTURAL PLANS)	PA

**NOTES:**

- HANDHOLES TO BE INSTALLED IN MOMENT SLAB WILL BE COMPOSITE CONCRETE HANDHOLES
- INSTALLATION OF HANDHOLES AND JUNCTION BOXES IN MOMENT SLAB AND PARAPET WALL IS INCLUDED IN COST OF THE INDIVIDUAL ITEMS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED
- CONTRACTOR SHALL COORDINATE WITH LIGHTING CONTROLLER MANUFACTURER TO ENSURE CONTROLLER SUPPLIED MATCHES THE EXISTING SERVICE
- CONDUIT FOR ELECTRIC SERVICE SHALL BE RIGID GALVANIZED STEEL
- REFER TO STRUCTURAL PLANS FOR CONDUIT IN PARAPET DETAILS
- SPECIAL CONDUIT INSTALLATION INVOLVES RUNNING CONDUIT FROM A JUNCTION BOX, VERTICALLY BEHIND THE RETAINING WALL, TO A HANDHOLE IN THE GROUND BELOW. THIS WORK SHALL BE PAID FOR AS "CONDUIT BEHIND RETAINING WALL, 1X2", GALVANIZED STEEL"
- REFER TO GENERAL NOTES SHEET FOR ADDITIONAL NOTES

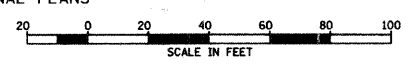


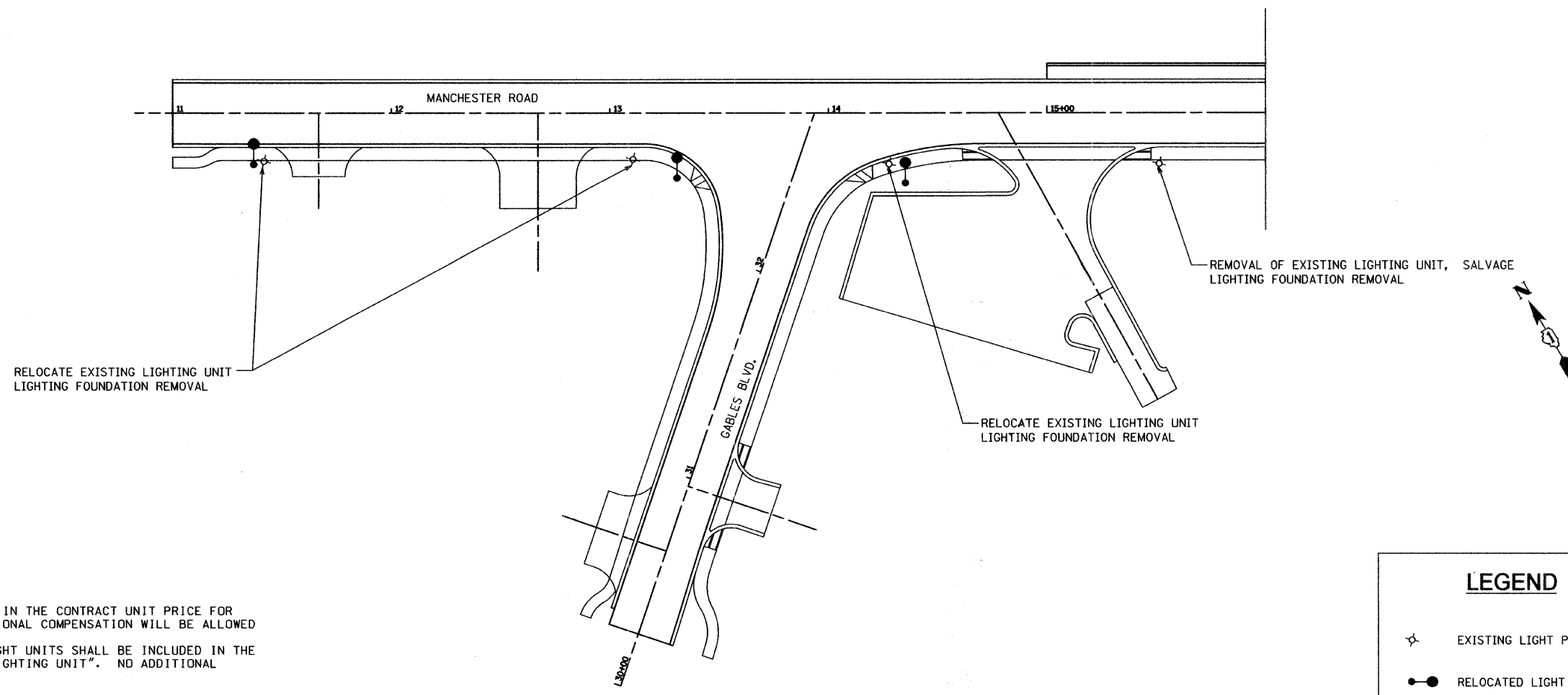
REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 PROPOSED  
 LIGHTING LAYOUT

SCALE: VERT. 1" = 30'  
 HORIZ. 1" = 30'  
 DATE: 6/4/2008

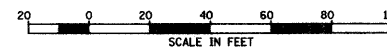
DRAWN BY: LT  
 CHECKED BY: GH





NOTES:

1. CONDUIT OR DUCT EXTENSIONS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "RELOCATE EXISTING LIGHTING UNIT". NO ADDITIONAL COMPENSATION WILL BE ALLOWED
2. ADDITIONAL CABLE NEEDED FOR THE RELOCATED LIGHT UNITS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "RELOCATE EXISTING LIGHTING UNIT". NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. LOCATION OF RELOCATED LIGHT POLES TO BE APPROVED BY ENGINEER BEFORE INSTALLATION.



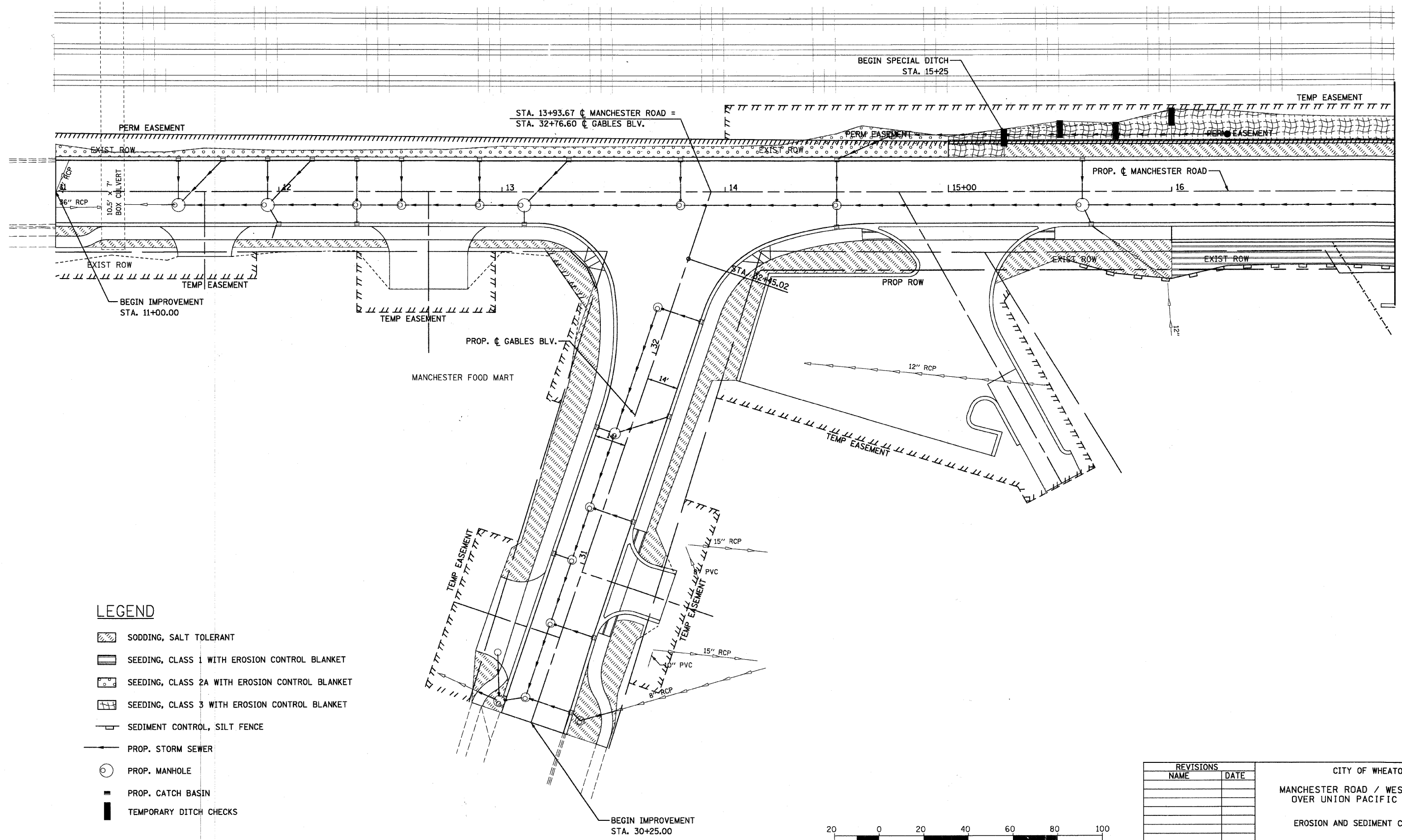
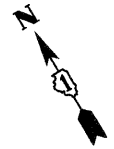
REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD

PROPOSED  
 LIGHTING LAYOUT

SCALE: VERT. 1" = 30'  
 HORIZ. 1" = 30'  
 DATE 6/4/2008

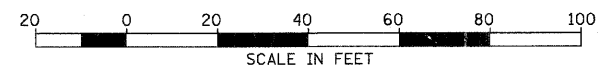
DRAWN BY LT  
 CHECKED BY GH



MATCH LINE 17+00

**LEGEND**

- SODDING, SALT TOLERANT
- SEEDING, CLASS 1 WITH EROSION CONTROL BLANKET
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET
- SEEDING, CLASS 3 WITH EROSION CONTROL BLANKET
- SEDIMENT CONTROL, SILT FENCE
- PROP. STORM SEWER
- PROP. MANHOLE
- PROP. CATCH BASIN
- TEMPORARY DITCH CHECKS

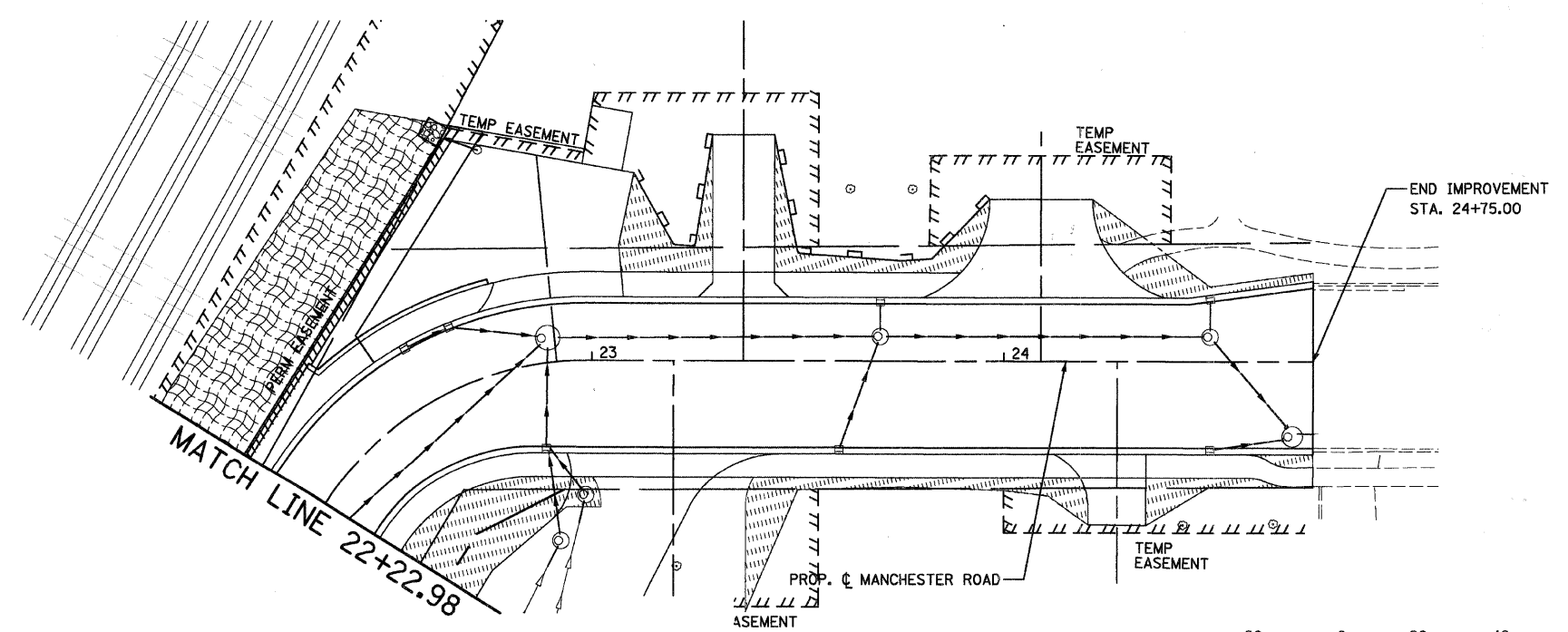
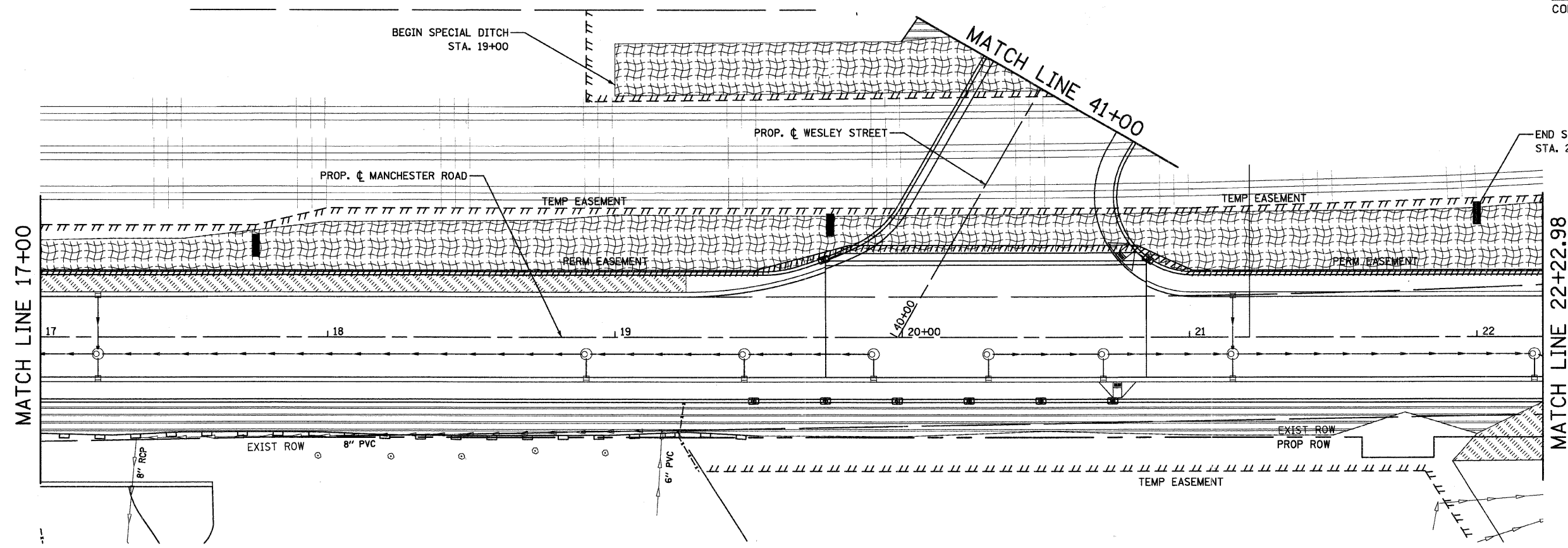


REVISIONS	
NAME	DATE

CITY OF WHEATON  
**MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD**  
**EROSION AND SEDIMENT CONTROL**

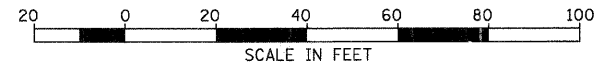
SCALE: VERT. 1" = 20'  
HORIZ. 1" = 20'  
DATE 6/4/2008

DRAWN BY MBT  
CHECKED BY ALT



**LEGEND**

- SODDING, SALT TOLERANT
- SEEDING, CLASS 1 WITH EROSION CONTROL BLANKET
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET
- SEEDING, CLASS 3 WITH EROSION CONTROL BLANKET
- SEDIMENT CONTROL, SILT FENCE
- PROP. STORM SEWER
- PROP. MANHOLE
- PROP. CATCH BASIN
- TEMPORARY DITCH CHECKS



REVISIONS	
NAME	DATE

SHEET 2 OF 4










CITY OF WHEATON  
**MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD**  
EROSION AND SEDIMENT CONTROL

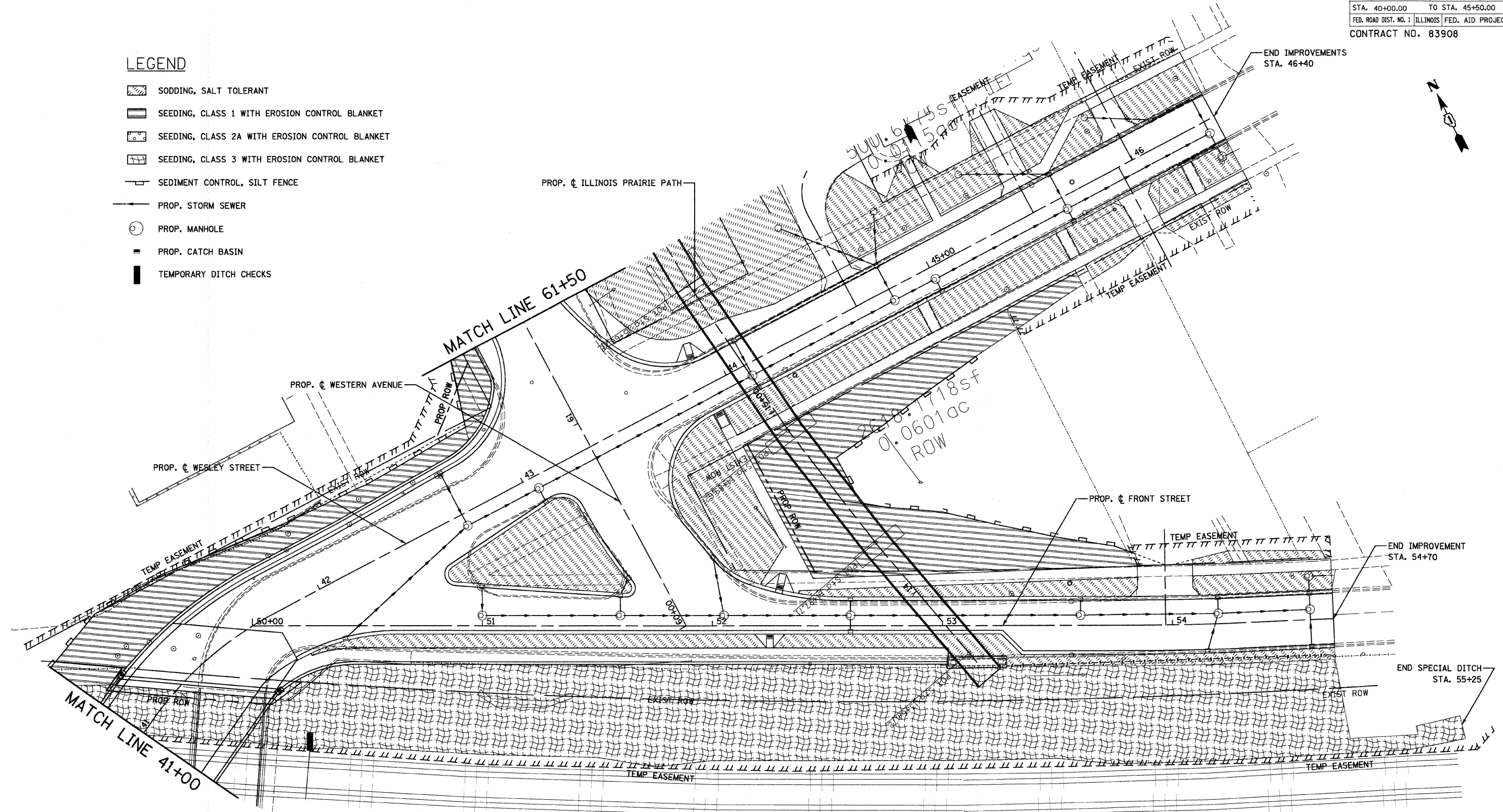
SCALE: VERT. 1" = 20'  
HORIZ. 1" = 20'  
DATE 6/4/2008

DRAWN BY MBT  
CHECKED BY ALT

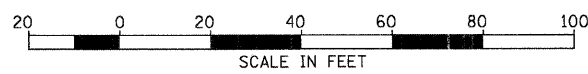


**LEGEND**

-  SODDING, SALT TOLERANT
-  SEEDING, CLASS 1 WITH EROSION CONTROL BLANKET
-  SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET
-  SEEDING, CLASS 3 WITH EROSION CONTROL BLANKET
-  SEDIMENT CONTROL, SILT FENCE
-  PROP. STORM SEWER
-  PROP. MANHOLE
-  PROP. CATCH BASIN
-  TEMPORARY DITCH CHECKS

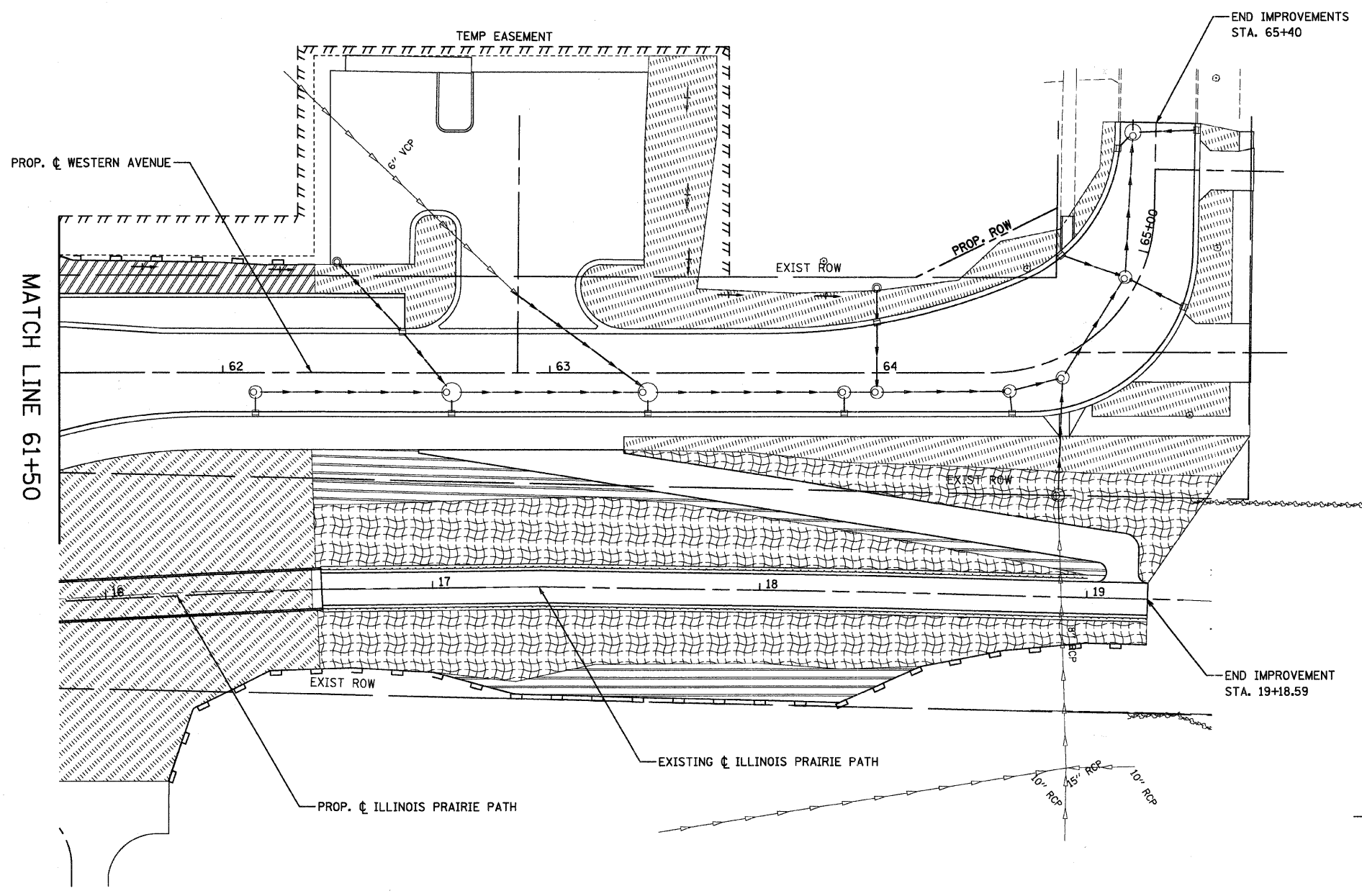
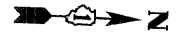


SHEET 3 OF 4



REVISIONS	
NAME	DATE

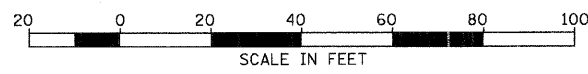
CITY OF WHEATON  
**MANCHESTER ROAD / WESLEY STREET  
OVER UNION PACIFIC RAILROAD**  
**EROSION AND SEDIMENT CONTROL**  
SCALE: VERT. 1" = 20'  
HORIZ. 1" = 20'  
DATE 6/4/2008  
DRAWN BY MBT  
CHECKED BY ALT



**LEGEND**

- SODDING, SALT TOLERANT
- SEEDING, CLASS 1 WITH EROSION CONTROL BLANKET
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET
- SEEDING, CLASS 3 WITH EROSION CONTROL BLANKET
- SEDIMENT CONTROL, SILT FENCE
- PROP. STORM SEWER
- PROP. MANHOLE
- PROP. CATCH BASIN
- TEMPORARY DITCH CHECKS

**NOTES:**  
 1. ADDITIONAL SEDIMENT CONTROL, SILT FENCE SHALL BE INSTALLED ON THE SOUTH SIDE OF THE ILLINOIS PRAIRIE PATH. REFER TO THE EROSION CONTROL GENERAL NOTES FOR ADDITIONAL INFORMATION.



REVISIONS	
NAME	DATE

SHEET 4 OF 4

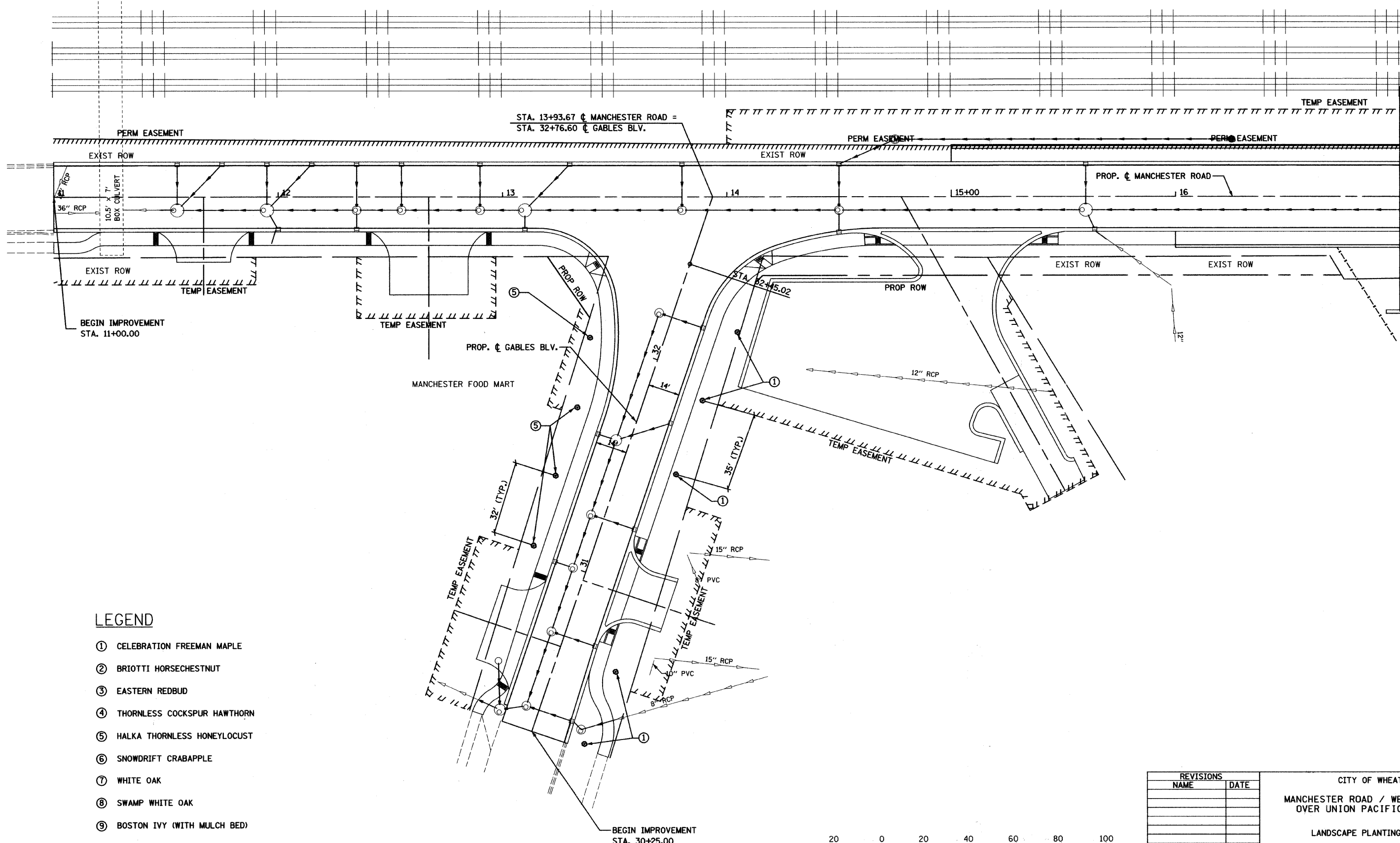
CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD

EROSION AND SEDIMENT CONTROL

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 20'  
 DATE: 6/4/2008

DRAWN BY: MBT  
 CHECKED BY: ALT

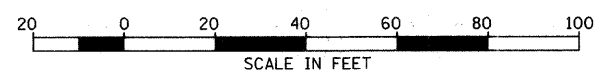




MATCH LINE 17+00

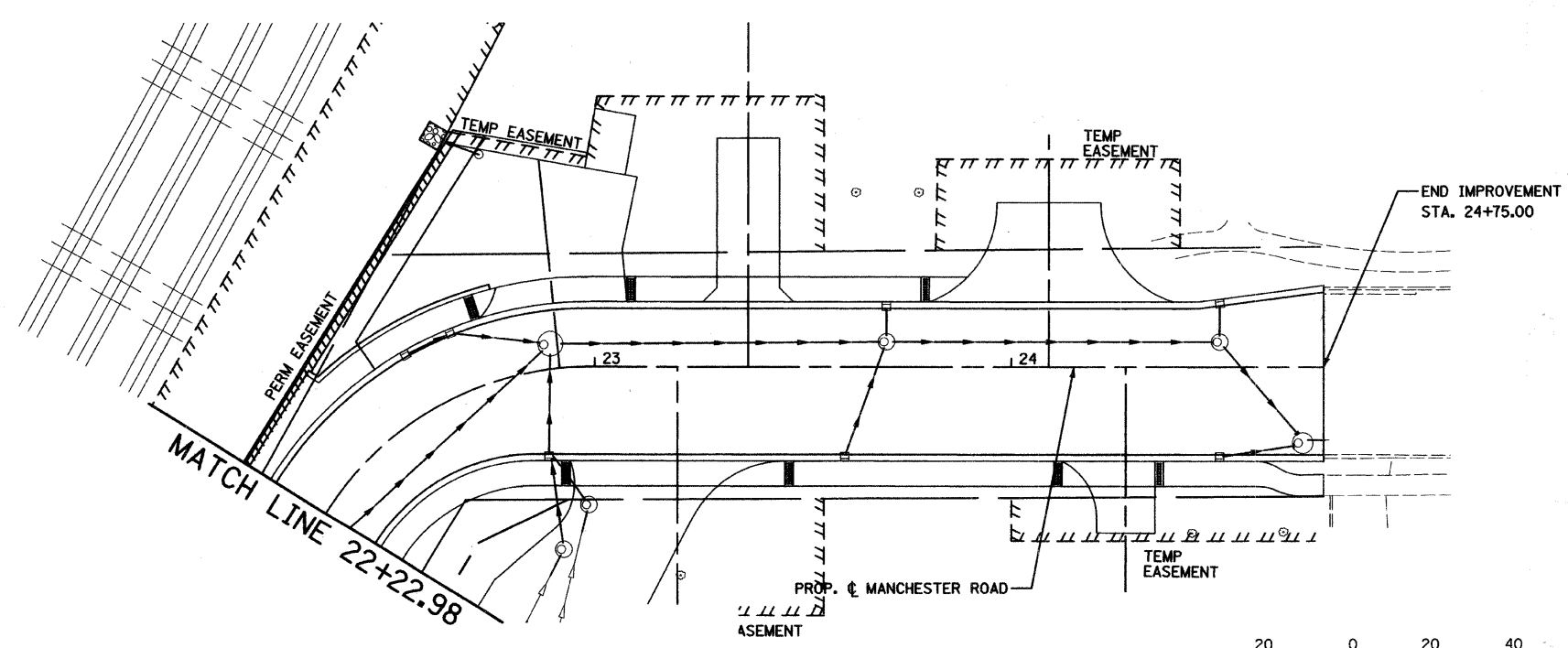
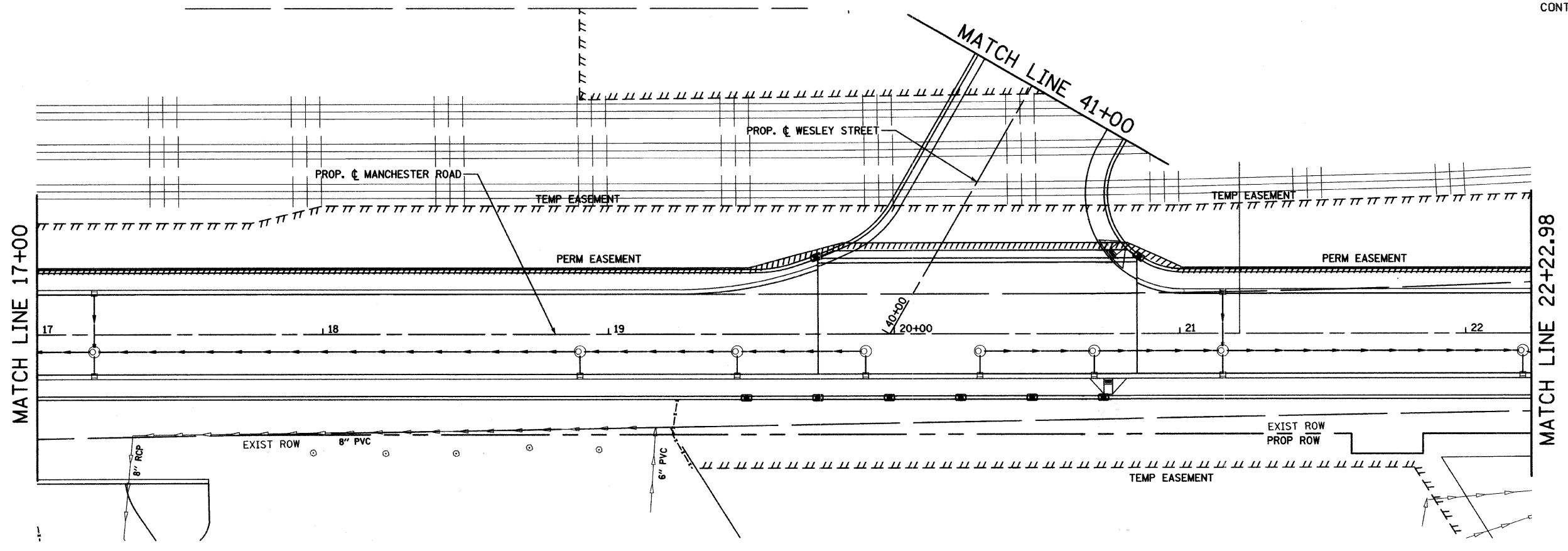
**LEGEND**

- ① CELEBRATION FREEMAN MAPLE
- ② BRIOTTI HORSECHESTNUT
- ③ EASTERN REDBUD
- ④ THORNLESS COCKSPUR HAWTHORN
- ⑤ HALKA THORNLESS HONEYLOCUST
- ⑥ SNOWDRIFT CRABAPPLE
- ⑦ WHITE OAK
- ⑧ SWAMP WHITE OAK
- ⑨ BOSTON IVY (WITH MULCH BED)



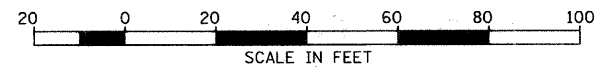
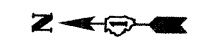
REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 LANDSCAPE PLANTING PLAN  
 SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 20'  
 DATE 6/4/2008  
 DRAWN BY MBT  
 CHECKED BY ALT



**LEGEND**

- ① CELEBRATION FREEMAN MAPLE
- ② BRIOTTI HORSECHESTNUT
- ③ EASTERN REDBUD
- ④ THORNLESS COCKSPUR HAWTHORN
- ⑤ HALKA THORNLESS HONEYLOCUST
- ⑥ SNOWDRIFT CRABAPPLE
- ⑦ WHITE OAK
- ⑧ SWAMP WHITE OAK
- ⑨ BOSTON IVY (WITH MULCH BED)



REVISIONS	
NAME	DATE

CITY OF WHEATON  
 MANCHESTER ROAD / WESLEY STREET  
 OVER UNION PACIFIC RAILROAD  
 LANDSCAPE PLANTING PLAN  
 VERT. SCALE: 1" = 20'  
 HORIZ. SCALE: 1" = 20'  
 DATE: 6/4/2008  
 DRAWN BY: MBT  
 CHECKED BY: ALT