

CITY OF ROCHESTER  
DEPARTMENT OF ENVIRONMENTAL SERVICES



STREET IMPROVEMENT PROGRAM  
**BERLIN STREET**  
**GROUP**

BERLIN ST (JOSEPH AVE TO HUDSON AVE)  
BRADFORD ST (BERLIN ST TO AVENUE D)  
ST JACOB ST (HUDSON AVE TO NORTH ST)

PN 15107

50% PLANS  
APRIL 2016

BERLIN ST GROUP  
IMPROVEMENTS  
PN 15107

NORMAN H. JONES  
COMMISSIONER DEPARTMENT  
OF ENVIRONMENTAL SERVICES  
CITY OF ROCHESTER

DATE

JAMES R. McINTOSH, P.E.  
CITY ENGINEER  
CITY OF ROCHESTER

DATE

PATRICK J. O'CONNOR P.E.  
DIRECTOR OF WATER  
CITY OF ROCHESTER

DATE

**GENERAL**

- CONTRACTOR IS TO FOLLOW ALL PROVISIONS OF CITY OF ROCHESTER STANDARD SPECIFICATIONS, EXCEPT FOR THOSE AS REVISED IN SUPPLEMENTARY SPECIFICATION SECTION OF CONTRACT DOCUMENTS. REVISED SPECIFICATION PROVIDED IN SUPPLEMENTARY SPECIFICATION SECTION OF CONTRACT DOCUMENTS SUPERSEDES APPROPRIATE STANDARD SPECIFICATION.
- CONTRACTOR IS TO USE CITY OF ROCHESTER STANDARD DETAILS, EXCEPT FOR THOSE PROVIDED IN CONTRACT DRAWINGS. DETAILS PROVIDED IN CONTRACT DRAWINGS SUPERSEDE APPROPRIATE STANDARD DETAIL.
- CONTRACTOR IS TO OBTAIN WORK RELEASES FROM RESPECTIVE PROPERTY OWNER WHERE WORK IS TO BE PERFORMED OUTSIDE OF PUBLIC RIGHT-OF-WAY, AND ON PRIVATELY OWNED PROPERTY. COPY OF SUCH WORK RELEASE IS TO BE FILED WITH PROJECT MANAGER.
- LOCATIONS OF EXISTING UTILITIES BOTH ABOVE GROUND AND BELOW GROUND THAT ARE SHOWN IN CONTRACT DRAWINGS ARE APPROXIMATE ONLY, AND ARE NOT GUARANTEED TO BE ACCURATE OR COMPLETE. ALL EXISTING UTILITIES SHOWN WERE PLOTTED FROM FIELD SURFACE SURVEY DATA AND IN CONJUNCTION WITH RECORD MAPPING SUPPLIED BY RESPECTIVE UTILITY COMPANY. BEFORE COMMENCING ANY WORK, IT IS RESPONSIBILITY OF CONTRACTOR TO HAVE LOCATION OF ALL EXISTING UTILITIES LOCATED WITHIN WORK AREA VERIFIED BY RESPECTIVE UTILITY COMPANY. CONTRACTOR IS TO REQUEST UTILITY STAKE OUT MINIMUM OF 48 HOURS IN ADVANCE OF COMMENCING ANY WORK, BY CALLING DIG SAFELY NEW YORK, UPO AT 811.
- ALL RIGHT-OF-WAY MONUMENTS AND PROPERTY CORNERS ARE TO BE PROTECTED, SAFEGUARDED AND PRESERVED. ALL RIGHT-OF-WAY MONUMENTS OR PROPERTY CORNERS THAT ARE DISTURBED BY CONTRACTOR'S OPERATIONS DURING CONSTRUCTION OF PROJECT ARE TO BE REPLACED BY NYS LICENSED SURVEYOR, AT CONTRACTOR'S EXPENSE.
- SAW CUTS MADE IN ROADWAY ARE TO BE FULL DEPTH, WITH ALL OTHER SAW CUTS BEING MINIMUM OF 2 INCHES IN DEPTH. SAW CUTS WILL BE PAID FOR UNDER SECTION R622 SAW CUTTING, OR INCLUDED IN RESPECTIVE WORK RELATED ITEM, AS INDICATED IN CONTRACT DOCUMENTS. ALL SAW CUTS ARE TO BE SEALED WITH AN ASPHALT FILLER PER NYS DOT MATERIAL DESIGNATION 702-0500 OR 702-3401, COST OF WHICH IS TO BE INCLUDED IN UNIT PRICE BID FOR RESPECTIVE WORK RELATED ITEM.
- FOR TEMPORARY PAVEMENT PLACEMENT DURING WINTER SEASON (NOVEMBER 1st THRU APRIL 14th), IF HOT MIX ASPHALT MATERIAL IS NOT AVAILABLE FOR CONSTRUCTING TEMPORARY PAVEMENT SECTION, CONTRACTOR IS TO USE CLASS 7 CONCRETE. IF PROJECT CALLS FOR USING ASPHALT TEMPORARY PAVEMENT SECTION AND PROJECT EXTENDS INTO WINTER SEASON, CONTRACTOR WILL BE REQUIRED TO USE TEMPORARY PAVEMENT SECTION CONSISTING OF CONCRETE REGARDLESS OF WHICH ITEM HAS BEEN BID FOR WORK. CONCRETE SECTION IS TO BE 4 INCHES THICK FOR STREETS DESIGNATED AS ARTERIAL AND COLLECTOR STREETS, AND 3 INCHES THICK FOR STREETS DESIGNATED AS LOCAL RESIDENTIAL STREETS AND FOR ALLEYS. CONCRETE IS TO BE BROOM FINISHED.
- SIDEWALK ACCESS RAMP ARE TO BE LOCATED AND OF TYPE SHOWN IN CONTRACT DRAWINGS. HEADER CURB FOR SIDEWALK ACCESS RAMP IS TO BE 5 FEET IN LENGTH, WITH TRANSITION CURBS BEING FROM MINIMUM OF 3 TO MAXIMUM OF 7 FEET IN LENGTH.
- WHERE NEW SIDEWALK IS TO BE CONSTRUCTED ADJACENT TO OTHER PAVED AREAS, MINIMUM OF 2 FEET OF ADJACENT PAVED AREA IS TO BE REPLACED IN KIND.
- EXISTING PAVED AREAS THAT ARE NO LONGER NEEDED ARE TO BE REMOVED, BY EXCAVATING TO DEPTH THAT IS SUFFICIENT TO REMOVE EXISTING PAVEMENT MATERIAL. BACKFILL EXCAVATED AREA TO WITHIN 4 INCHES OF FINISHED GRADE WITH SELECT BACKFILL MATERIAL EXCAVATED FROM PROJECT SITE. PLACE 4 INCHES TOPSOIL, FINISH GRADE AREA AND HYDROSEED. PER SECTIONS S610 LANDSCAPE, S613 TOPSOIL AND NYS DOT SECTION 203 EXCAVATION AND EMBANKMENT.
- CONTRACTOR MUST CONTACT MCDOT DISPATCHER AT (585) 753-7750 MINIMUM OF 5 WORKING DAYS PRIOR TO REMOVING OR RESETTING ANY TRAFFIC AND PARKING REGULATION SIGNS.

**FORESTRY**

- CONTRACTOR IS TO BE AWARE OF AND FAMILIAR WITH REQUIREMENTS OF SECTIONS 89-8 TREES AND 89-12 PENALTIES OF CITY CODE AS THEY WILL BE STRICTLY ADHERED TO. CITY CODE CAN BE FOUND ON CITY OF ROCHESTER'S WEB SITE AT <http://www.cityofrochester.gov/services>, UNDER "CITY CHARTER AND CODE ONLINE".
- CONTRACTOR IS TO PROVIDE PROTECTION FOR ALL EXISTING TREES WITHIN PROJECT LIMITS THROUGHOUT COURSE OF PROJECT, TO MINIMIZE AS MUCH AS POSSIBLE ANY DAMAGE FROM OCCURRING TO EXISTING TREES AS RESULT OF CONTRACTOR'S OPERATIONS. TREE PROTECTION IS TO CONSIST OF ORANGE CONSTRUCTION SAFETY FENCING OR WOOD RAILS PLACED AROUND AND COMPLETELY ENCOMPASSING EACH EXISTING TREE, AND IS TO BE IN PLACE BEFORE ANY WORK IS STARTED, PER SECTION S617 TREE PROTECTION AND CONTRACT DOCUMENTS.
- OVERALL EXISTING TREE ROOT SYSTEM MUST REMAIN STRUCTURALLY ADEQUATE FOR EXISTING TREE TO WITHSTAND HEAVY WINDSTORMS. IN AREAS OF CURB/CONCRETE GUTTER/PAVEMENT WORK, ANY EXISTING TREE ROOTS THAT ARE 2 INCHES OR LARGER IN DIAMETER AND ARE IN CONFLICT WITH SUCH WORK, MUST BE INSPECTED BY CITY FORESTRY BEFORE CUTTING CAN OCCUR. CONTRACTOR MUST CONTACT CITY FORESTRY AT (585) 428-7581 TO MAKE ARRANGEMENTS FOR SUCH INSPECTION. EXISTING TREE ROOTS THAT ARE SMALLER THAN 2 INCHES IN DIAMETER, ARE TO BE CUT CLEANLY WITH SHARP IMPLEMENTS.
- IN AREAS OF SIDEWALK CONSTRUCTION, EXISTING TREE ROOTS THAT ARE LOCATED UNDER AREA OF SIDEWALK CONSTRUCTION ARE NOT TO BE CUT. IF ANY OF EXISTING TREE ROOTS ARE 2 INCHES OR LARGER IN DIAMETER, SUBBASE COURSE MATERIAL IS NOT TO BE INSTALLED WITHIN 1 FOOT OF EXISTING TREE ROOT(S), AND CONCRETE IS TO BE POURED OVER EXISTING TREE ROOT(S).
- IN AREAS OF DRIVEWAY, DRIVEWAY APPROACHES AND SIDEWALK ACCESS RAMP CONSTRUCTION, EXISTING TREE ROOTS ARE NOT TO BE CUT BY MEANS OF MECHANICAL TREE ROOT CUTTING MACHINES. IF ANY OF EXISTING TREE ROOTS MUST BE CUT, THEY ARE TO BE CUT MANUALLY WITH SHARP IMPLEMENTS.
- IN AREAS WHERE EXISTING TREE ROOTS BECOME EXPOSED BY CONSTRUCTION ACTIVITIES, THEY ARE TO BE COVERED WITH MULCH, TOPSOIL OR MOISTENED BURLAP, AND WATERED STARTING IMMEDIATELY AFTER EXPOSURE AND CONTINUING UNTIL EXCAVATED AREA IS RESTORED.
- IF HEAVY EQUIPMENT MUST BE DRIVEN ON TREE LAWN AREA OVER TREE ROOT ZONE, PLYWOOD MUST BE PLACED ON GROUND/TREE LAWN AREA SO AS TO DISPERSE COMPACTION AND PREVENT SOIL RUTTING. NO EQUIPMENT OR MATERIALS ARE TO BE STORED OVER TREE ROOT ZONE.

**MONROE COUNTY PURE WATERS**

- CONTRACTOR IS TO CONSTRUCT ALL SEWER APPURTENANCES (MAIN SEWER, LATERAL, CATCH BASINS AND MANHOLES) IN CONFORMANCE WITH SPECIFICATIONS OF ROCHESTER PURE WATERS DISTRICT. ANY NEW PORTION OF CATCH BASIN LATERAL INSTALLED WITHIN PUBLIC R.O.W. MUST BE SDR-21 PVC CONFORMING TO ASTM D-2241. JOINTS ON HORIZONTAL PORTIONS AND BENDS ARE TO BE PUSH-ON NEOPRENE GASKETS. GLUED OR CHEMICALLY WELDED JOINTS WILL NOT BE ACCEPTABLE. ANY DEDICATED MAINLINE SEWER PIPE AND ASSOCIATED FITTINGS INSTALLED AS PART OF CITY STREET PROJECT MUST BE SDR-35 PVC CONFORMING TO ASTM D-3034.
- CONTRACTOR IS TO TAKE APPROPRIATE MEASURES TO PREVENT DIRT, DEBRIS AND CONSTRUCTION MATERIALS FROM ENTERING SEWER APPURTENANCES (SEWER MAIN, LATERAL, CATCH BASINS AND MANHOLES) DURING CONSTRUCTION OF PROJECT.
- RPWDS IS TO BE NOTIFIED IMMEDIATELY IN EVENT OF ANY DAMAGE TO SEWER APPURTENANCES BY CALLING (585) 753-7600, OPTION 1. ALL REPAIRS ARE TO BE PERFORMED IN PRESENCE OF REPRESENTATIVE OF RPWD, AND ARE TO BE MADE AS PER RPWD SPECIFICATIONS.
- IN EVENT THAT EXISTING SEWER MAINS OR LATERAL PIPES ARE BROKEN DURING EXCAVATION, AND ALL REPAIRS MUST BE EXTENDED LINEARLY. INTRODUCING NEW BENDS IN PIPE WILL NOT BE PERMITTED. ALL 5 INCH INSIDE DIAMETER LATERAL PIPE MUST BE REPAIRED USING 5 INCH SERVICE WEIGHT CAST IRON PIPE AND FERROC COUPLERS. CONTRACTOR MAY BE PERMITTED TO USE OAKUM AND EPOXY MORTAR TO CONNECT NEW PVC PIPE TO AN EXISTING BELL THAT IS IN GOOD CONDITION.
- STONE BEDDING MATERIAL USED FOR SEWER MAIN AND LATERAL PIPE REPAIRS IS TO BE CLASS B CONSISTING OF #1 AND #2 WASHED STONE AT MINIMUM OF 6 INCH DEPTH.
- WHEN NEW MANHOLE FRAMES AND COVERS ARE REQUIRED BY CONTRACT, CONTRACTOR WILL REPLACE EXISTING SEWER MANHOLE FRAMES AND COVERS (AS PER CONTRACT) WITH NEW 9 INCH FRAMES AND COVERS. CONTRACTOR WILL BE RESPONSIBLE FOR PURCHASING AND DELIVERY OF FRAMES AND COVERS. FRAMES AND COVERS WILL MEET RPWD SPECIFICATIONS (A.S.T.M. A48 (LATEST REVISION) (CLASS 30B); CONTRACTOR IS TO ADD/REMOVE ADDITIONAL COURSES OF BRICK/BLOCK AS/IF REQUIRED TO RETROFIT NEW FRAMES ONTO EXISTING MANHOLE STRUCTURES AT REQUIRED FINISHED GRADE.
- WHERE AN EXISTING CATCH BASIN IS TO BE REMOVED, ALL PORTIONS OF CATCH BASIN WALLS AND FOUNDATION ARE TO BE REMOVED AND EXISTING LATERAL ABANDONED AS PER RPWD SPECIFICATIONS.
- ALL REMOVED SEWER MANHOLE FRAMES AND COVERS AND CATCH BASIN GRATES, ACCESS COVERS AND CAPSTONES ARE PROPERTY OF ROCHESTER PURE WATERS DISTRICT. RETURN ITEMS TO MCPW FLEET CENTER, 145 PAUL ROAD, ROCHESTER, NEW YORK, MONDAY THROUGH FRIDAY BETWEEN 8:00AM AND 3:00PM AT NO COST TO OWNER.
- CONTRACTOR IS TO NOTIFY MCPW BY CALLING (585) 753-7600, OPTION 5, MINIMUM OF 48 HOURS IN ADVANCE WHEN PLANNING ON WORKING ADJACENT TO EXISTING MC FIBER OPTIC FACILITIES.

**MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH STANDARD WATER MAIN EXTENSION**

- THE WATER MAIN AND TEMPORARY BYPASS PIPE SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR DISINFECTING WATER MAINS, DESIGNATION C651, BY USING THE CONTINUOUS FEED METHOD. FOLLOWING DISINFECTION, THE WATER MAIN AND BYPASS PIPE SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM. THE INTERIOR OF ALL WATER MAIN PIPE, VALVES, FITTINGS AND SERVICES 4 INCHES AND LARGER, INCLUDING NEW HYDRANT BRANCHES CONNECTED TO EXISTING WATER MAINS, NOT RECEIVING 24 HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SPRAY OR SWAB DISINFECTED WITH A MINIMUM 1% - 5% SOLUTION OF CHLORINE NO MORE THAN 30 MINUTES PRIOR TO INSTALLATION. ADDITIONALLY, THE EXTERIOR SURFACES OF EXISTING PIPE AND FITTINGS THAT NEW PIPE AND FITTINGS WILL BE CONNECTED TO MUST BE THOROUGHLY CLEANED AND DISINFECTED. THE MAXIMUM DISTANCE BETWEEN DISINFECTION/SAMPLING TAPS ON NEW WATER MAIN AND BYPASS PIPE SHALL BE 1,000 FEET. THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS. THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH OFFICE WILL BE NOTIFIED IN WRITING AT LEAST 48 HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. THE CONTRACTOR SHALL CALL (585) 753-5057 TO ARRANGE FOR SAMPLING SERVICES AND IS RESPONSIBLE FOR PAYING ALL MCDPH SAMPLING FEES. SAMPLING WILL NOT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL ENGINEER, ARCHITECT OR LAND SURVEYOR WITH A SPECIAL EXEMPTION UNDER SECTION 7208(N) OF THE EDUCATION LAW, CERTIFYING THAT THE WATER SUPPLY IMPROVEMENTS, TESTING AND DISINFECTION PROCEDURES WERE COMPLETED WITH THE APPROVED PLANS, REPORTS, SPECIFICATIONS AND ANY APPROVED AMENDMENTS. THE DEPARTMENT WILL COLLECT SAMPLES FOR FREE CHLORINE RESIDUAL, TOTAL COLIFORM, ESCHERICHIA COLI (E.COLI) AND TURBIDITY. THE WATER MAIN AND BYPASS PIPE SHALL NOT BE PLACED IN SERVICE UNTIL SO AUTHORIZED BY THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH.
- UNLESS OTHERWISE NOTED OR SHOWN ON THE APPROVED PLANS, THE MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER PIPE LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. UNLESS OTHERWISE NOTED OR SHOWN ON THE APPROVED PLANS, THE MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.
- WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN 7 FEET OF FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED.
- THE NEW WATER MAIN SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600 (LATEST REVISION) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER. FOR CITY OF ROCHESTER WATER MAINS, PRESSURE/LEAKAGE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SUBSECTION 3.05 OF CITY OF ROCHESTER WATER BUREAU SPECIFICATION S900 - GENERAL WATER PROVISIONS.

**WATER MAIN AND WATER SERVICE**

- ROCHESTER WATER BUREAU REQUIRES THAT HYDRANT USE PERMIT BE OBTAINED BY CONTRACTOR PRIOR TO USING ANY HYDRANT AS SOURCE OF WATER SUPPLY. PERMIT REQUIRES USE OF WATER METER AND BACKFLOW PREVENTER. WATER BUREAU WILL SUPPLY WATER METER AND BACKFLOW PREVENTER WITH PERMIT. PERMIT FEE INCLUDES REFUNDABLE DEPOSIT FOR USE OF WATER METER AND BACKFLOW PREVENTER.
- CONTRACTOR IS TO EXERCISE CAUTION WHEN WORKING NEAR WATER MAINS WHICH ARE TO BE RETAINED. NO VIBRATORY EQUIPMENT IS TO BE USED OVER OR ADJACENT TO EXISTING WATER MAINS.
- FOR ALL ABANDONED WATER MAIN AND HYDRANT BRANCHES, CONTRACTOR IS TO PLUG ALL CUT AND OPEN ENDS WITH 12 INCHES OF CONCRETE. CONTRACTOR IS TO LEAVE ABANDONED WATER MAIN LINE, HYDRANT BRANCH AND SERVICE VALVES IN CLOSED POSITION.
- ALL NEW WATER MAINS ARE TO BE INSTALLED WITH MINIMUM COVER DEPTH FROM PROPOSED FINISHED GRADE OF 4.5 FEET FOR DOMESTIC WATER MAINS, AND 5 FEET FOR HOLLY WATER MAINS.
- ALL NEW DUCTILE IRON WATER MAIN IS TO BE INSTALLED WITH POLYETHYLENE ENCASEMENT, AND MAY REQUIRE INSTALLATION OF CATHODIC PROTECTION ANODES, AS SHOWN ON PLANS OR AS DIRECTED BY PROJECT MANAGER.
- APPROPRIATE MEASURES ARE TO BE TAKEN TO PREVENT DIRT, DEBRIS, SURFACE AND GROUND WATER FROM CONTAMINATING WATER MAIN. WATER LEVEL IN EXCAVATION AT OPEN WATER PIPE ENDS IS NEVER TO BE LESS THAN 12 INCHES BELOW INVERT OF WATER MAIN. WHENEVER AN OPEN WATER PIPE END IS LEFT UNATTENDED, IT IS TO BE COVERED IN WATER TIGHT MANNER.
- TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER MAINS AND WATER SERVICES.
- FOR EXISTING WATER VALVES AND CURB STOPS THAT ARE LOCATED ON WATER MAINS AND WATER SERVICES WHICH ARE TO BE RETAINED, EXISTING WATER VALVE AND CURB BOXES ARE TO BE ADJUSTED TO GRADE OR REPLACED, AS SHOWN ON PLANS OR AS DIRECTED BY PROJECT MANAGER.
- ALL GATE VALVES REQUIRE MECHANICAL JOINT RESTRAINT WITHIN 18 FEET OF GATE VALVE.
- ALL WATER SERVICE TAPS ON PVC/PVCO WATER MAIN REQUIRE SERVICE SADDLES.
- STAINLESS STEEL INSERTS ARE REQUIRED ON ALL POLYETHYLENE (PE) WATER SERVICE FITTINGS.

**SOIL EROSION AND WATER POLLUTION ABATEMENT**

- CONTRACTOR IS TO BE IN FULL COMPLIANCE WITH REQUIREMENTS OF CITY OF ROCHESTER LAWS AND REGULATIONS, SUBSECTION 10 COMPLIANCE WITH AIR AND WATER LAWS AND REGULATIONS, WHICH STATE IN PART:
- SOIL EROSION AND WATER POLLUTION ABATEMENT. THE CONTRACTOR SHALL SCHEDULE AND CONDUCT ITS OPERATIONS TO MINIMIZE EROSION OF SOILS AND TO PREVENT SILTING AND MUDDYING OF STREAMS, RIVERS, IRRIGATION SYSTEMS, IMPOUNDMENTS (LAKES, RESERVOIRS, ETC) AND LANDS ADJACENT TO OR AFFECTED BY THE WORK. CONSTRUCTION OF DRAINAGE FACILITIES AND PERFORMANCE, OR OTHER WORK, WHICH WILL CONTRIBUTE TO THE CONTROL OF EROSION AND SEDIMENTATION SHALL BE CARRIED OUT IN CONJUNCTION WITH EARTHWORK OPERATIONS, OR AS SOON THEREAFTER AS PRACTICABLE. THE AREA OF BARE SOIL EXPOSED AT ANY ONE TIME BY CONSTRUCTION OPERATIONS SHALL BE KEPT TO A MINIMUM.
  - WHEN IT BECOMES NECESSARY, THE PROJECT MANAGER WILL INFORM THE CONTRACTOR OF UNSATISFACTORY CONSTRUCTION PROCEDURES AND OPERATIONS INSOFAR AS EROSION CONTROL, WATER AND AIR POLLUTION ARE CONCERNED. IF THE UNSATISFACTORY CONSTRUCTION PROCEDURES AND OPERATIONS ARE NOT CORRECTED PROMPTLY, THE PROJECT MANAGER MAY SUSPEND THE PERFORMANCE OF ANY OR ALL OF OTHER CONSTRUCTION UNTIL THE UNSATISFACTORY CONDITION BEEN CORRECTED.

**LEGEND**

EXISTING	PROPOSED
RIGHT-OF-WAY LINE	RIGHT-OF-WAY LINE
PROPERTY LINE	PROPERTY LINE
BUILDING LINE	HORIZONTAL CONTROL MONUMENT
USGS/USC&GS MONUMENT	VERTICAL CONTROL MONUMENT
HORIZONTAL CONTROL MONUMENT	CURB LINE
VERTICAL CONTROL MONUMENT	STEEL CURB
BORE LOCATION AND REFERENCE NUMBER	ADDITIONAL WORK LIMIT LINE
CORE LOCATION AND REFERENCE NUMBER	CONCRETE SIDEWALK/DRIVEWAY
FENCE LINE AND TYPE	ASPHALT DRIVEWAY
CURB LINE AND TYPE	MISCELLANEOUS EXCAVATION - SEE GENERAL NOTE #10
SLATE SIDEWALK	TREE PLANTING
SHRUB ROW	CATCH BASIN FRAME AND GRATE ADJUSTMENT
TREE AND DIAMETER AT DBH	CATCH BASIN
SEWER MANHOLE	MANHOLE FRAME AND COVER ADJUSTMENT/REPLACEMENT
COMBINED SEWER, SIZE AND TYPE	MANHOLE
STORM WATER SEWER, SIZE AND TYPE	HYDRANT, BRANCH, WATER VALVE AND TEE
SANITARY SEWER, SIZE AND TYPE	WATER MAIN - NOTE SIZE AND TYPE
CATCH BASIN AND LATERAL	TAP
CATCH BASIN W/CAPSTONE AND LATERAL	CPTS
SEWER CLEAN-OUT	TWPB
HYDRANT, BRANCH AND WATER VALVE	I
WATER MAIN AND SIZE, WATER VALVE	MAIN LINE WATER VALVE
WATER REDUCER	WATER REDUCER, OFFSET OR BENDS
WATER SERVICE AND CURB STOP	WATER SERVICE AND CURB STOP
MONITORING WELL	TEMPORARY WATER BYPASS PIPE AND HYDRANT
CONCRETE STREET LIGHT POLE	FLP
METAL STREET LIGHT POLE	LP
WOOD POWER POLE	STREET LIGHTING HANDHOLE OR PULLBOX
WOOD POWER POLE w/GUY WIRE	ELECTRIC UNDERGROUND CONDUIT
WOOD POWER POLE w/STREET LIGHT	FIBER OPTICS UNDERGROUND CONDUIT
UTILITY HANDHOLE OR PULLBOX	TELECOMMUNICATIONS UNDERGROUND CONDUIT
UTILITY MANHOLE W/ VAULT	FIBERGLASS STREET LIGHT POLE
CABLEVISION UNDERGROUND CONDUIT	TSCB
ELECTRIC UNDERGROUND CONDUIT	TSP
FIBER OPTICS UNDERGROUND CONDUIT	TSLP
TELECOMMUNICATIONS UNDERGROUND CONDUIT	TS
FIBERGLASS STREET LIGHT POLE	SS
CITY OF ROCHESTER HANDHOLE	SIGN SLEEVE
CITY OF ROCHESTER PULLBOX	DRAINAGE FLOW
CITY OF ROCHESTER STREET LIGHTING CONDUIT	PED
GAS MAIN AND SIZE, GAS VALVE	TSCB
STEAM LINE AND SIZE	TSP
PEDESTRIAN SIGNAL POLE w/SIGNAL HEAD	TSLP
TRAFFIC SIGNAL CONTROL BOX	TS
TRAFFIC SIGNAL POLE	MAIL BOX
TRAFFIC SIGNAL POLE w/STREET LIGHT	FLAG POLE
TRAFFIC SIGNAL CONDUIT	PM
SIGN SLEEVE	SP
DRAINAGE FLOW	MAIL BOX AND CONCRETE PAD
SIDEWALK ACCESS RAMPS	PARKING METER
SIDEWALK ACCESS RAMPS	SIGN POST AND SIGN PANEL

**ABBREVIATIONS**

ABND	ABANDONED
ADJ	ADJUST
AOPBM	AS ORDERED BY PROJECT MANAGER
APPROX	APPROXIMATE
ASPH	ASPHALT
B	BASELINE
BLDG	BUILDING
BM	BENCH MARK
B/T	BLACKTOP
C	CURB
CALC	CALCULATED
CIP	CAST IRON PIPE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
COR	CITY OF ROCHESTER
Δ	DELTA OF CURVE
DH	DRILL HOLE
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DRWY, D/W	DRIVEWAY
DWG	DRAWING
E	EXTERNAL DISTANCE
ELEV	ELEVATION
EXIST	EXISTING
FC	FRONTIER COMMUNICATIONS
FEET	FEET
G	GUTTER
HORIZ, HORIZ	HORIZONTAL
INV	INVERT
IP	IRON PIN
L	LENGTH OF CURVE
LH	SEWER LAMP HOLE
LT	LEFT
MAX	MAXIMUM
MCDOT	MONROE COUNTY DEPARTMENT OF TRANSPORTATION
MCDPH	MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH
MCPW	MONROE COUNTY DIVISION OF PURE WATERS
MCWA	MONROE COUNTY WATER AUTHORITY
MIN	MINIMUM
MISC	MISCELLANEOUS
MON	MONUMENT
N/F	NOW OR FORMERLY
N.I.C.	NOT IN CONTRACT
NYS	NEW YORK STATE
PAVT, PVT	PAVEMENT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PCP	PLAIN CONCRETE PIPE
PI	POINT OF INTERSECTION
PK	POINT KNOWN NAIL
PL	PROPERTY LINE
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVCO	MOLECULARLY ORIENTED POLYVINYL CHLORIDE PIPE
PVCP	POLYVINYL CHLORIDE PIPE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
R	RADIUS OF CURVE
RCP	REINFORCED CONCRETE PIPE
RCS	ROCHESTER CITY SURVEY
RGE, RGBE	ROCHESTER GAS AND ELECTRIC
R.O.W.	RIGHT-OF-WAY
RPWD	ROCHESTER PURE WATERS DISTRICT
RT	RIGHT
RTS	ROCHESTER TOPOGRAPHICAL SURVEY
ST BOX	STONE BOX SEWER
STA	STATION
T	TANGENT LENGTH OF CURVE
TC	TOP OF CURB
TG	TOP OF CATCH BASIN GRATE
TWC	TIME WARNER CABLE
TYP	TYPICAL
USC&GS	UNITED STATES COAST AND GEODETIC SURVEY
USSS	UNITED STATES GEOLOGICAL SURVEY
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VTP	VITRIFIED TILE PIPE
XVCP	EXTRA STRENGTH VITRIFIED CLAY PIPE
Y	WYE OR Y-BRANCH

DRAWING TITLE	DRAWING NUMBER
COVER	1
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Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

MANAGING ENGINEER: ALBERT J. GIGLIO, P.E.  
CITY ENGINEER: JAMES R. MANTOSH, P.E.

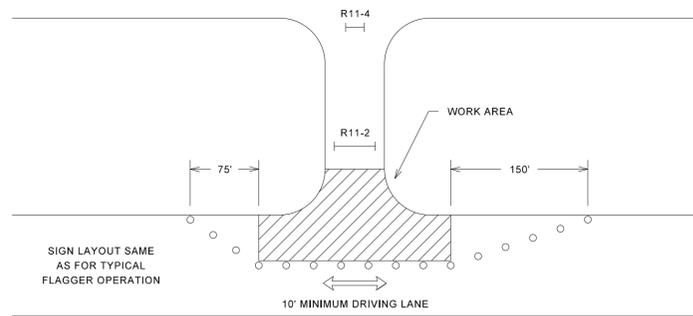
PROJECT TITLE: BERLIN STREET GROUP CURB REPLACEMENT PROGRAM

ISSUED	CHECKED	DRAWN	DESIGN	SCALE	PROJECT NUMBER	NO.	REVISION	BY	DATE
4/01/2016	FB	KB	KB	NONE	15107				

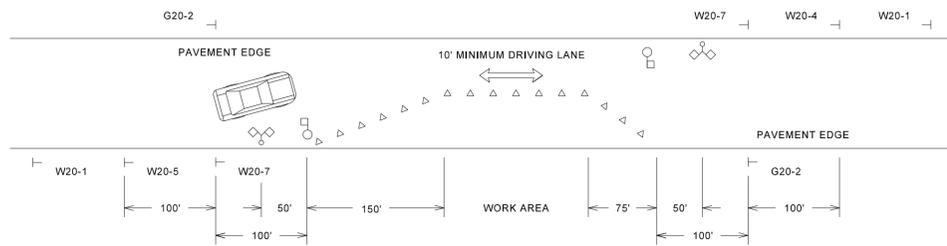
DRAWING TITLE: GENERAL INFORMATION

DRAWING NO. 2 OF 16

**TYPICAL SIGNING  
INTERSECTION RECONSTRUCTION AREA**



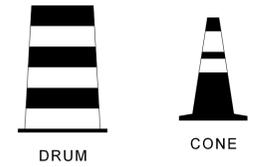
**TYPICAL FLAGGER OPERATION**



**TRAFFIC CONTROL DEVICES**

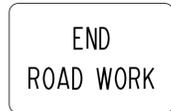


TYPE III PVC CONSTRUCTION BARRICADE  
( STRIPES ARE TO SLOPE DOWNWARD IN  
DIRECTION TRAFFIC IS TO PASS )



DRUM

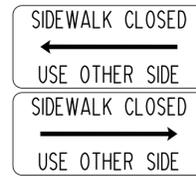
CONE



G20-2



R9-9



R9-10



R11-2



R11-4



W8-15



W20-1



W20-4



W20-5



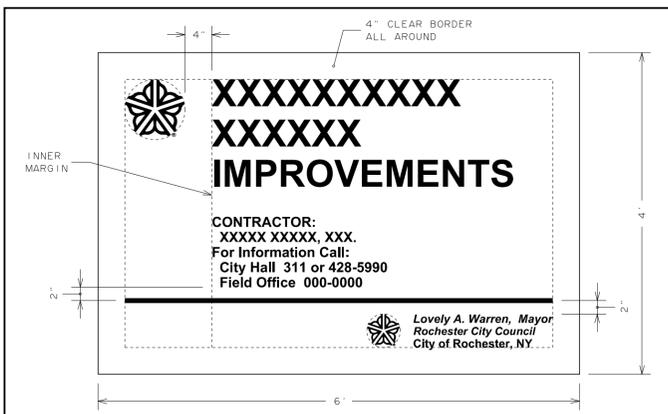
W20-7

**LEGEND**

- SIGN
- △ CONE
- BARRICADE (SEE NOTE 8)
- FLAGGER
- DRUM
- ◇ FLAG TREE
- PS PROJECT SIGN

**NOTES:**

- CONTRACTOR IS REQUIRED TO PROVIDE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH PLANS, NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND NYS DOT SUPPLEMENT, NYS DOT WORK ZONE TRAFFIC CONTROL STANDARD SHEETS (US CUSTOMARY) LATEST EDITION, AND CITY OF ROCHESTER SPECIFICATIONS, ALL AS APPROVED BY MONROE COUNTY DIRECTOR OF TRANSPORTATION. REFERENCES TO "REGIONAL DIRECTOR" IN NYS DOT STANDARD SHEETS ARE TO BE INTERPRETED AS "CITY OF ROCHESTER".
- ALL SIGNS AS SHOWN ON DRAWING(S) AND AS ORDERED BY PROJECT MANAGER ARE TO BE IN PLACE IMMEDIATELY PRIOR TO COMMENCING WORK.
- DULY TRAINED FLAGGER(S) ARE TO BE PROVIDED DURING WORKING HOURS TO PROTECT TRAFFIC AT ALL TIMES AND TO PROVIDE ADEQUATE TRAFFIC CONTROL.
- ONE-WAY AND TWO-WAY TRAFFIC IS TO BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH REQUIREMENTS OF SECTION R619.
- TO MAINTAIN TRAFFIC IN TWO LANES WHEN CONTRACTOR IS NOT WORKING, ALL OPEN EXCAVATIONS WITHIN ROADWAY ARE TO BE COVERED WITH METAL PLATES, OR OTHERWISE DELINEATED, AS ORDERED BY PROJECT MANAGER.
- CONTRACTOR IS TO PROVIDE AND MAINTAIN AT ALL TIMES SAFE AND ADEQUATE INGRESS AND EGRESS TO AND FROM ALL INTERSECTING STREETS, BUILDINGS AND DRIVEWAYS. ACCESS MAY BE RESTRICTED DURING WORKING HOURS, AS CONSTRUCTION ACTIVITIES DICTATE.
- ALL EXISTING TRAFFIC AND PARKING SIGNS ARE TO BE MAINTAINED BY CONTRACTOR THROUGHOUT CONSTRUCTION OF PROJECT. CONTRACTOR IS TO COVER OR REMOVE ONLY THOSE EXISTING TRAFFIC AND PARKING SIGNS WHICH CONFLICT WITH VARIOUS ACCESS AND TRAFFIC RESTRICTIONS THAT WILL BE UTILIZED DURING CONSTRUCTION OF PROJECT. CONTRACTOR MUST CONTACT MCDOT DISPATCHER AT 1-800-753-7750 AT LEAST 5 WORKING DAYS PRIOR TO REMOVING OR RESETTING ANY TRAFFIC AND PARKING REGULATION SIGNS.
- WHEN ORDERED BY PROJECT MANAGER, BARRICADES ARE TO BE LIGHTED WITH TYPE A LOW INTENSITY FLASHING YELLOW BARRICADE LIGHTS, SPACED 4 FEET CENTER TO CENTER.
- CONTRACTOR IS TO CLOSELY COORDINATE ALL WORK IMPACTING SCHOOL PEDESTRIAN TRAFFIC AND SCHOOL BUS TRAFFIC WITH PROJECT MANAGER OR SPECIFIED AGENT. SAFE SCHOOL ROUTE MAINTENANCE PLAN MUST BE SUBMITTED AND APPROVED OF PRIOR TO BEGINNING ANY WORK WHICH IMPACTS EXISTING DESIGNATED ROUTE. ANY ADDITIONAL SIGNAGE, FLAGGER(S), OR OTHER REQUIREMENTS REQUIRED BY PROJECT MANAGER WILL BE INCLUDED IN UNIT PRICE BID FOR BASIC MAINTENANCE AND PROTECTION OF TRAFFIC. SAFE SCHOOL ROUTE MAINTENANCE PLAN IS TO STAY IN EFFECT FOR DURATION OF CONSTRUCTION OF PROJECT, UNLESS ORDERED OTHERWISE BY PROJECT MANAGER.



**LAYOUT:**

- CLEAR BORDER 4" ALL AROUND
- INNER MARGIN 4" BETWEEN UPPER CITY MARK AND TEXT
- UPPER CITY MARK TO BE 9" DIAMETER AND FLUSH WITH CLEAR BORDER
- "CONTRACTOR" AND "FOR INFORMATION CALL" TEXT TO BE FLUSH WITH INNER MARGIN
- LOWER CITY MARK TO BE 5" DIAMETER AND BOTTOM TO BE FLUSH WITH CLEAR BORDER
- RIGHT SIDE MAYOR'S SIGNATURE TO BE FLUSH WITH CLEAR BORDER AND TOP TO LINE UP WITH TOP OF LOWER CITY MARK

**LETTERS:**

- PROJECT TITLE: SWISS 721 CONDENSED BOLD 4" LETTERS INITIAL CAP 2" LINE SPACING
- CONTRACTOR AND FOR INFORMATION CALL: SWISS 721 CONDENSED BOLD 1.50" LETTERS INITIAL CAP 0.75" LINE SPACING
- MAYOR'S SIGNATURE: SWISS 721 CONDENSED BOLD ITALIC 1.25" LETTERS INITIAL CAP 0.625" LINE SPACING
- ROCHESTER CITY COUNCIL: SWISS 721 CONDENSED BOLD ITALIC 1.1875" LETTERS INITIAL CAP 0.625" LINE SPACING
- CITY OF ROCHESTER: SWISS 721 CONDENSED BOLD 1.25" LETTERS INITIAL CAP

**NOTES:**

- PRIOR TO SIGN FABRICATION, CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FROM CITY OF SIGN LAYOUT.
- BOARD TO BE 6 FOOT x 4 FOOT x 3/8 INCH PLYWOOD PAINTED WITH 2 COATS WHITE EXTERIOR ENAMEL PAINT.
- BOTTOM OF SIGN BOARD IS TO BE POSTED MINIMUM OF 5 FEET ABOVE GROUND.
- CITY MARK AND ALL TEXT TO BE COLORED TO MATCH PMS COLOR 287C BLUE.
- LINE TO BE 30 POINT RULE.
- SIGN CAN BE REDUCED PROPORTIONALLY TO 3 FOOT x 2 FOOT AS REQUIRED IN CONTRACT DOCUMENTS.

CITY OF ROCHESTER	
PROJECT SIGN	
ISSUED	5-7-01 NON-STANDARD
REVISED	1-1-14 DWG.NO.S999-2

PS



- \* USE SIGN ONLY WHEN CONSTRUCTION EXTENDS INTO INTERSECTION
- \*\* MOVE SIGNS AND BARRICADES TO SIDE OF ROAD AT END OF WORK DAY

Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

MANAGING ENGINEER: ALBERT J. GIGLIO, P.E.  
CITY ENGINEER: JAMES R. MCINTOSH, P.E.

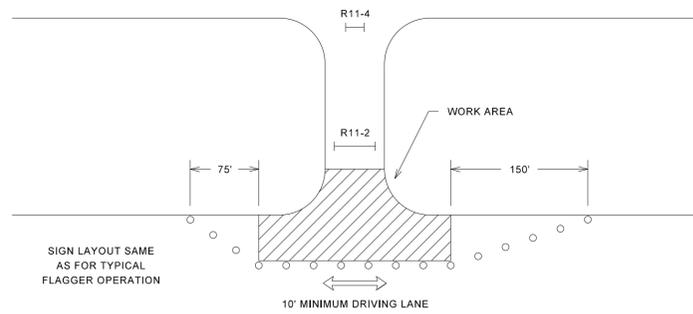
PROJECT TITLE: BERLIN STREET GROUP CURB REPLACEMENT PROGRAM

ISSUED	4/01/2016	NO.	REVISION	BY	DATE
CHECKED	FB				
DRAWN	KB				
DESIGN	KB				
SCALE	NONE				
PROJECT NUMBER	15/107				

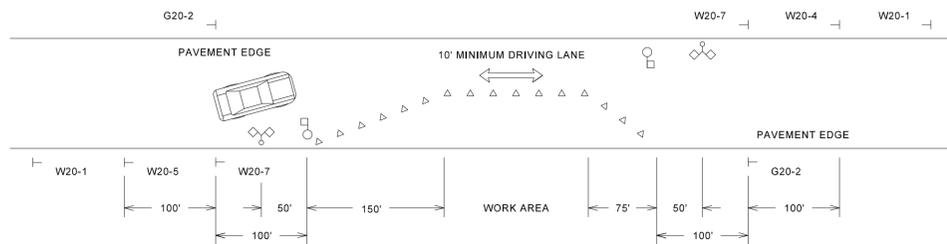
DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC

DRAWING NO. 3 OF 16

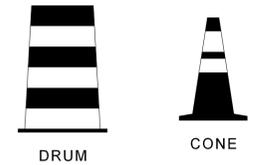
**TYPICAL SIGNING  
INTERSECTION RECONSTRUCTION AREA**



**TYPICAL FLAGGER OPERATION**



TYPE III PVC CONSTRUCTION BARRICADE  
( STRIPES ARE TO SLOPE DOWNWARD IN  
DIRECTION TRAFFIC IS TO PASS )



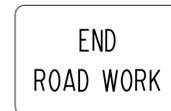
DRUM

CONE

**LEGEND**

- SIGN
- △ CONE
- BARRICADE (SEE NOTE 8)
- FLAGGER
- DRUM
- ◇ FLAG TREE
- PS PROJECT SIGN

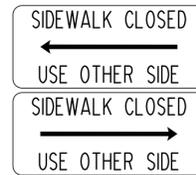
**TRAFFIC CONTROL DEVICES**



G20-2



R9-9



R9-10



R11-2



R11-4



W8-15



W20-1



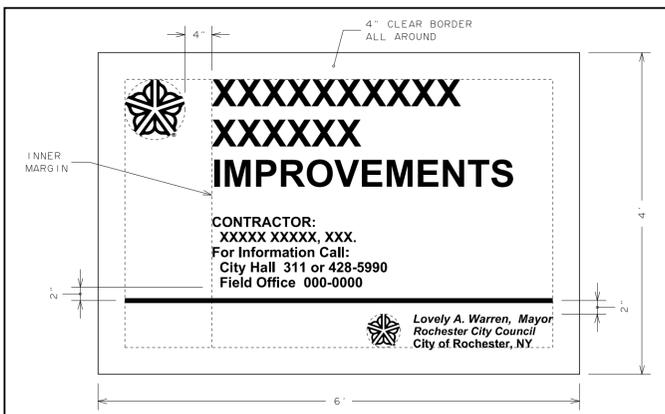
W20-4



W20-5



W20-7



**LAYOUT:**

- CLEAR BORDER 4" ALL AROUND
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- CITY OF ROCHESTER: SWISS 721 CONDENSED BOLD 1.25" LETTERS INITIAL CAP

**NOTES:**

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2. BOARD TO BE 6 FOOT x 4 FOOT x 3/8 INCH PLYWOOD PAINTED WITH 2 COATS WHITE EXTERIOR ENAMEL PAINT.
3. BOTTOM OF SIGN BOARD IS TO BE POSTED MINIMUM OF 5 FEET ABOVE GROUND.
4. CITY MARK AND ALL TEXT TO BE COLORED TO MATCH PMS COLOR 287C BLUE.
5. LINE TO BE 30 POINT RULE.
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CITY OF ROCHESTER	
PROJECT SIGN	
ISSUED	5-7-01 NON-STANDARD
REVISED	1-1-14 DWG.NO.S999-2

PS

**NOTES:**

1. CONTRACTOR IS REQUIRED TO PROVIDE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH PLANS, NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND NYS DOT SUPPLEMENT, NYS DOT WORK ZONE TRAFFIC CONTROL STANDARD SHEETS (US CUSTOMARY) LATEST EDITION, AND CITY OF ROCHESTER SPECIFICATIONS, ALL AS APPROVED BY MONROE COUNTY DIRECTOR OF TRANSPORTATION. REFERENCES TO "REGIONAL DIRECTOR" IN NYS DOT STANDARD SHEETS ARE TO BE INTERPRETED AS "CITY OF ROCHESTER".
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4. ONE-WAY AND TWO-WAY TRAFFIC IS TO BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH REQUIREMENTS OF SECTION R619.
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- \* USE SIGN ONLY WHEN CONSTRUCTION EXTENDS INTO INTERSECTION
- \*\* MOVE SIGNS AND BARRICADES TO SIDE OF ROAD AT END OF WORK DAY

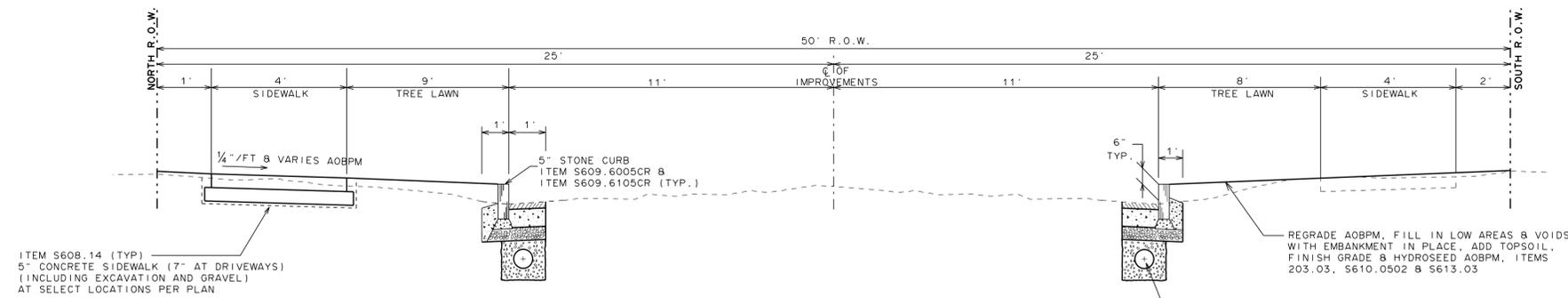
Department of Environmental Services Architecture and Engineering Services City of Rochester, New York	MANAGING ENGINEER ALBERT J. GIGLIO, P.E.
	CITY ENGINEER JAMES R. MCGINTOSH, P.E.

PROJECT TITLE  
**BERLIN STREET GROUP  
CURB REPLACEMENT PROGRAM**

ISSUED	4/01/2016	NO.	REVISION	BY	DATE
CHECKED	FB				
DRAWN	KB				
DESIGN	KB				
SCALE	NONE				
PROJECT NUMBER	15/107				

DRAWING TITLE  
**MAINTENANCE  
AND PROTECTION  
OF TRAFFIC**

DRAWING NO.  
**3**  
OF 16

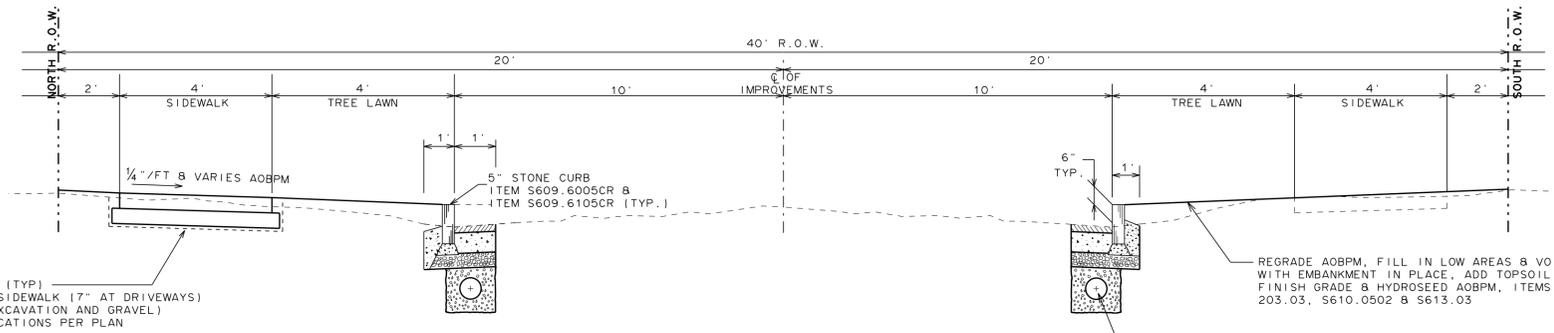


BERLIN STREET  
STA. B10+70 TO STA. B33+38  
TYPICAL CURB REPLACEMENT SECTION

ITEM S608.14 (TYP)  
5" CONCRETE SIDEWALK (7" AT DRIVEWAYS)  
(INCLUDING EXCAVATION AND GRAVEL)  
AT SELECT LOCATIONS PER PLAN

REGRADE AOBPM, FILL IN LOW AREAS & VOIDS  
WITH EMBANKMENT IN PLACE, ADD TOPSOIL,  
FINISH GRADE & HYDROSEED AOBPM, ITEMS  
203.03, S610.0502 & S613.03

6" CORRUGATED POLYETHYLENE UNDERDRAIN  
TUBING, ITEM S605.140106 (TYP.)

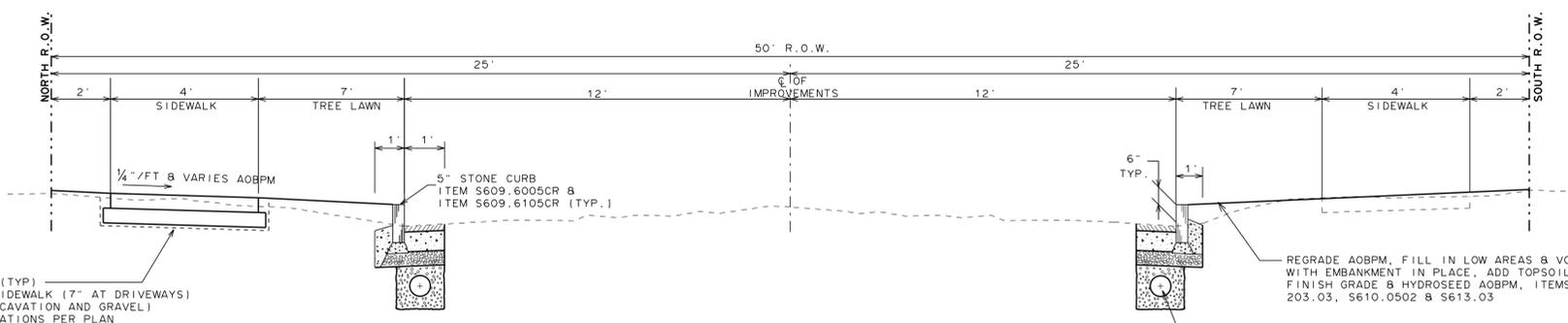


BRADFORD STREET  
STA. BR40+32 TO STA. BR45+42  
TYPICAL CURB REPLACEMENT SECTION

ITEM S608.14 (TYP)  
5" CONCRETE SIDEWALK (7" AT DRIVEWAYS)  
(INCLUDING EXCAVATION AND GRAVEL)  
AT SELECT LOCATIONS PER PLAN

REGRADE AOBPM, FILL IN LOW AREAS & VOIDS  
WITH EMBANKMENT IN PLACE, ADD TOPSOIL,  
FINISH GRADE & HYDROSEED AOBPM, ITEMS  
203.03, S610.0502 & S613.03

6" CORRUGATED POLYETHYLENE UNDERDRAIN  
TUBING, ITEM S605.140106 (TYP.)



ST JACOB STREET  
STA. S10+71 TO STA. S19+71  
TYPICAL CURB REPLACEMENT SECTION

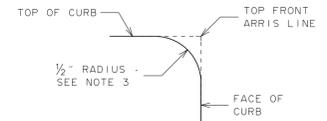
ITEM S608.14 (TYP)  
5" CONCRETE SIDEWALK (7" AT DRIVEWAYS)  
(INCLUDING EXCAVATION AND GRAVEL)  
AT SELECT LOCATIONS PER PLAN

REGRADE AOBPM, FILL IN LOW AREAS & VOIDS  
WITH EMBANKMENT IN PLACE, ADD TOPSOIL,  
FINISH GRADE & HYDROSEED AOBPM, ITEMS  
203.03, S610.0502 & S613.03

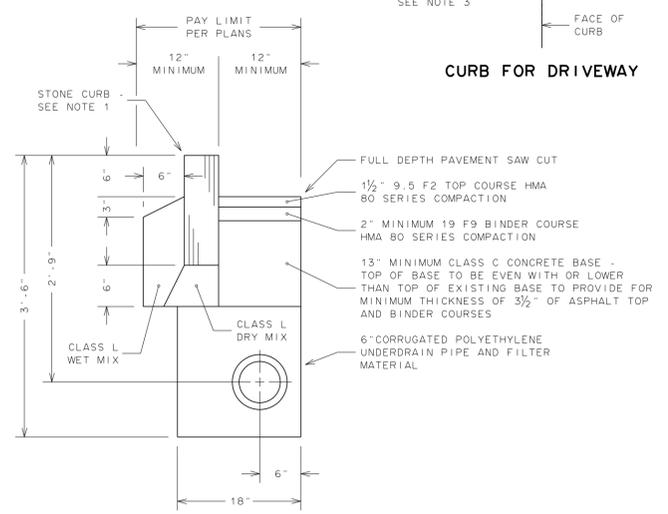
6" CORRUGATED POLYETHYLENE UNDERDRAIN  
TUBING, ITEM S605.140106 (TYP.)

NOTES:

1. TOP OF CURB THICKNESS IS TO BE AS REQUIRED IN CONTRACT DOCUMENTS.
2. CURB REVEAL FOR HEADER CURB AT DRIVEWAY APRONS IS 1/2 INCHES. AT SIDEWALK ACCESS RAMPS 0 INCHES.
3. ONLY TRANSITION AND HEADER CURB PIECES USED FOR DRIVEWAYS ARE TO BE ROUNDED.
4. TACK COAT TO BE APPLIED BETWEEN ALL LIFTS OF HMA COURSES AND ON TOP OF CONCRETE BASE.
5. PAVEMENT SEAMS TO BE SEALED WITH BITUMINOUS SEALER IN ACCORDANCE WITH NYSDOT MATERIAL DESIGNATION 702-0700.



CURB FOR DRIVEWAY



STONE CURB  
REPLACEMENT -  
CONCRETE BASE  
ITEM 609.6005CR  
ITEM 609.6105CR  
ITEM S609.7405CR  
ITEM S609.7505CR

Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

MANAGING ENGINEER: ALBERT J. GIGLIO, P.E.  
CITY ENGINEER: JAMES R. MANTOSH, P.E.

PROJECT TITLE  
BERLIN STREET GROUP  
CURB REPLACEMENT PROGRAM

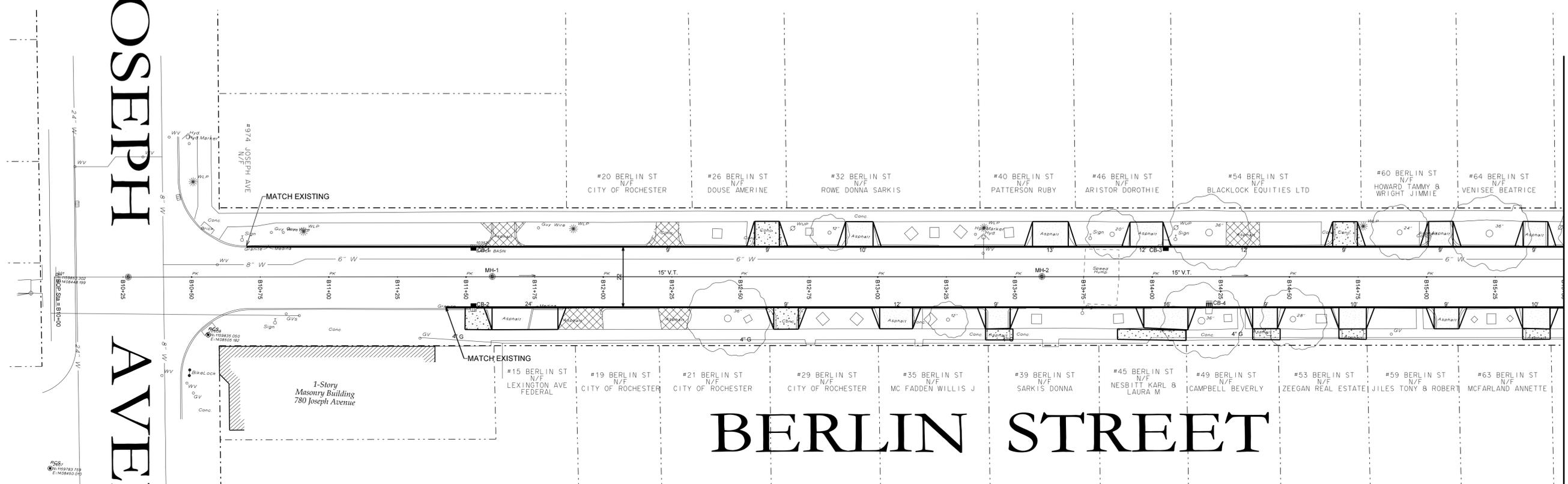
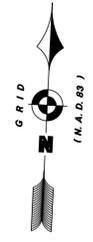
NO.	REVISION	BY	DATE

ISSUED	4/01/2016
CHECKED	FB
DRAWN	KB
DESIGN	KB
SCALE	NONE
PROJECT NUMBER	15/107

DRAWING TITLE  
TYPICAL SECTIONS

DRAWING NO.  
**5**  
OF 16

# JOSEPH AVENUE



**MATCHLINE STA. B15+50**

Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

MANAGING ENGINEER  
CITY ENGINEER

ALBERT J. GILOP.E.  
JAMES R. MCINTOSH.P.E.

PROJECT TITLE

**BERLIN STREET GROUP  
CURB REPLACEMENT PROGRAM**

ISSUED	CHECKED	DRAWN	DESIGN	SCALE	PROJECT NUMBER	NO.	REVISION	BY	DATE
4/01/2016	FB	KB	KB	1" = 20'	15107				

DRAWING TITLE

**BERLIN ST**

DRAWING NO.

**6**

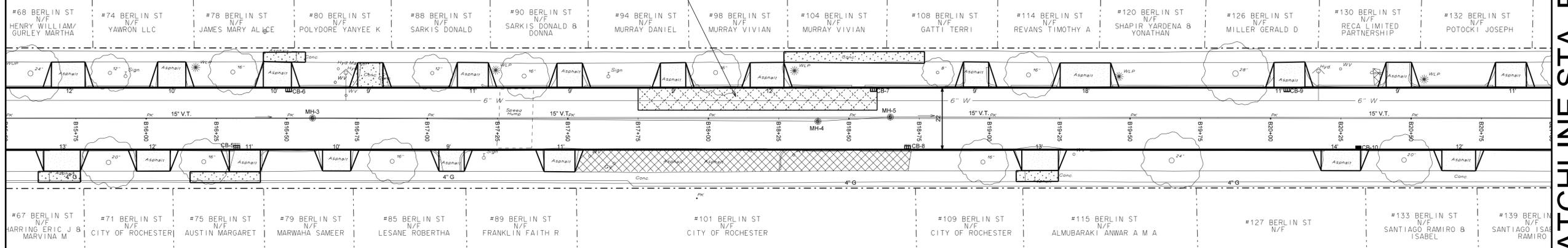
16



MATCHLINE STA. B15+50

MATCHLINE STA. B21+00

# BERLIN STREET



Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

MANAGING ENGINEER  
CITY ENGINEER

ALBERT J. GILOP.E.  
JAMES R. MONTOSH.P.E.

PROJECT TITLE

**BERLIN STREET GROUP  
CURB REPLACEMENT PROGRAM**

ISSUED	CHECKED	DRAWN	DESIGN	SCALE	PROJECT NUMBER	NO.	REVISION	BY	DATE
4/01/2016	FB	KB	KB	1" = 20'	15107				

DRAWING TITLE

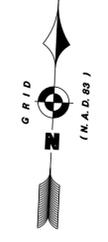
**BERLIN ST**

DRAWING NO.

**7**

OF 16

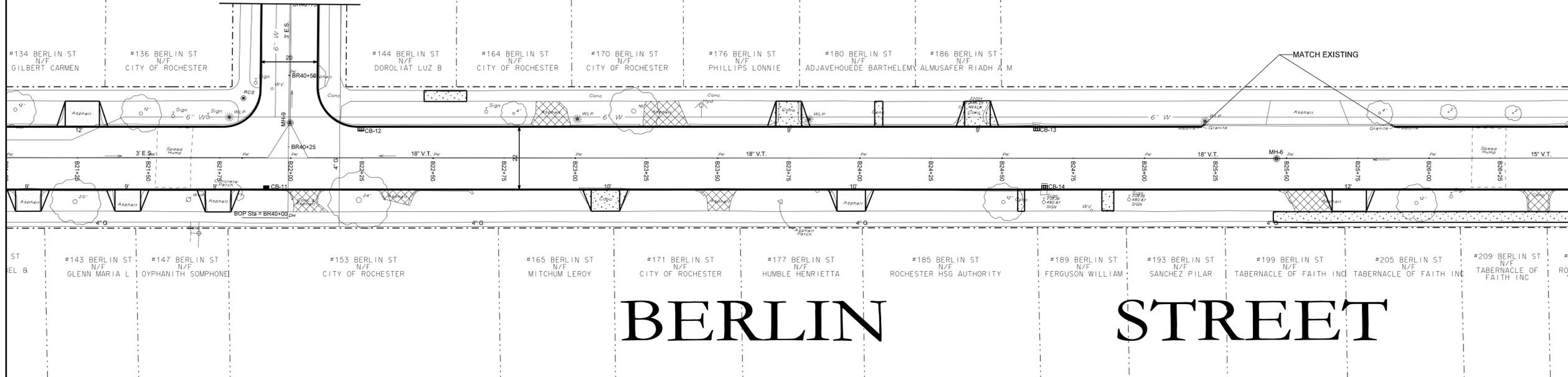
# BRADFORD STREET



MATCHLINE STA. B21+00

MATCHLINE STA. BR40+75

MATCHLINE STA. B26+50

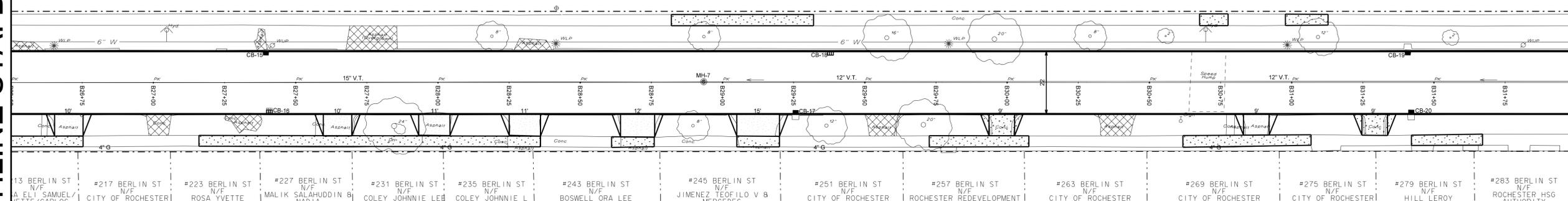


# BERLIN STREET

Department of Environmental Services Architecture and Engineering Services City of Rochester, New York	MANAGING ENGINEER: ALBERT J. GILOP.E. CITY ENGINEER: JAMES R. MCINTOSH.P.E.	
<b>PROJECT TITLE</b> BERLIN STREET GROUP CURB REPLACEMENT PROGRAM		
ISSUED: 4/01/2016	CHECKED: FB	BY: DATE
DRAWN: KB	DESIGN: KB	REVISION
SCALE: 1" = 20'	PROJECT NUMBER: 15107	NO.
<b>DRAWING TITLE</b> BERLIN ST		
<b>DRAWING NO.</b> 00		16 OF

MATCHLINE STA. B26+50

MATCHLINE STA. B32+00

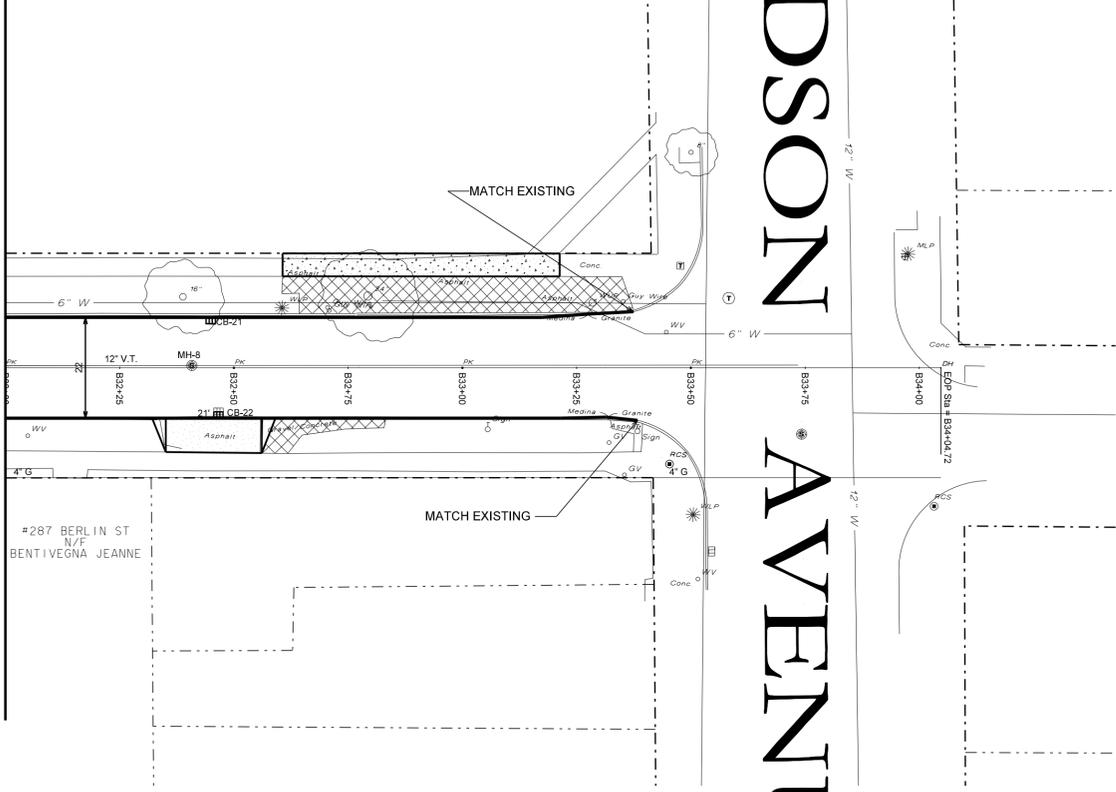


#13 BERLIN ST N/F A ELI SAMUEL/ VETTE/CARLOS	#217 BERLIN ST N/F CITY OF ROCHESTER	#223 BERLIN ST N/F ROSA YVETTE	#227 BERLIN ST N/F MALIK SALAHUDDIN B NADIA	#231 BERLIN ST N/F COLEY JOHNNIE LEB	#235 BERLIN ST N/F COLEY JOHNNIE L	#243 BERLIN ST N/F BOSWELL ORA LEE	#245 BERLIN ST N/F JIMENEZ TEOFILO V B MERCEDES	#251 BERLIN ST N/F CITY OF ROCHESTER	#257 BERLIN ST N/F ROCHESTER REDEVELOPMENT	#263 BERLIN ST N/F CITY OF ROCHESTER	#269 BERLIN ST N/F CITY OF ROCHESTER	#275 BERLIN ST N/F CITY OF ROCHESTER	#279 BERLIN ST N/F HILL LEROY	#283 BERLIN ST N/F ROCHESTER HSG AUTHORITY
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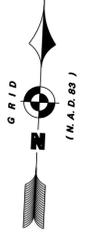
# BERLIN STREET

PROJECT TITLE <b>BERLIN STREET GROUP CURB REPLACEMENT PROGRAM</b>	MANAGING ENGINEER ALBERT J. GIGLIO, P.E. CITY ENGINEER JAMES R. MONTOSH, P.E.
ISSUED 4/01/2016 CHECKED FB DRAWN KB DESIGN KB SCALE 1" = 20' PROJECT NUMBER 15/107	NO. REVISION BY DATE
DRAWING TITLE <b>BERLIN ST</b>	DRAWING NO. <b>9</b>
OF	16

MATCHLINE STA. B32+00



HUDSON AVENUE



DRAWING NO.  
**10**  
OF

DRAWING TITLE  
**BERLIN ST**

ISSUED 4/01/2016  
CHECKED FB  
DRAWN KB  
DESIGN KB  
SCALE 1" = 20'  
PROJECT NUMBER 15107

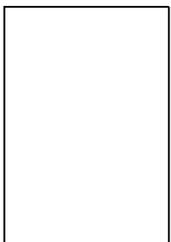
NO.	REVISION	BY	DATE

PROJECT TITLE  
**BERLIN STREET GROUP  
CURB REPLACEMENT PROGRAM**

Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

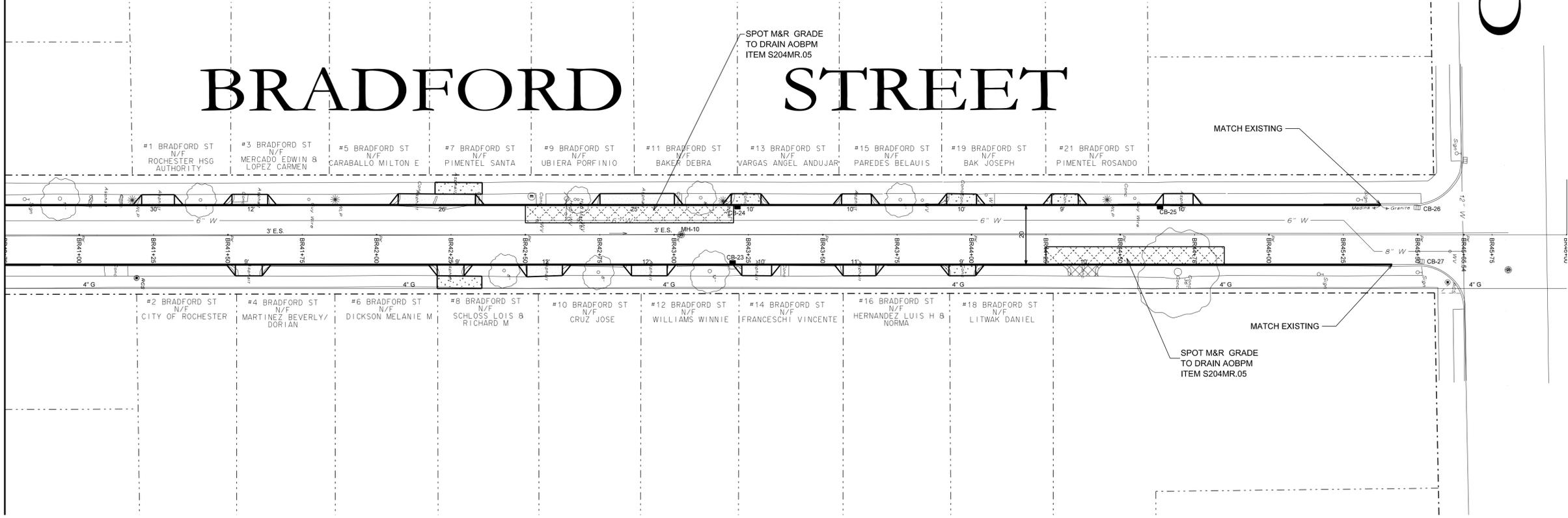
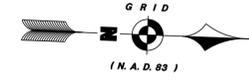
MANAGING ENGINEER  
CITY ENGINEER

ALBERT J. GIGLIO, P.E.  
JAMES R. MCINTOSH, P.E.



MATCHLINE STA. BR40+75

# BRADFORD STREET



# AVENUE D

Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York



MANAGING ENGINEER: ALBERT J. GIGLIO, P.E.  
CITY ENGINEER: JAMES R. MCINTOSH, P.E.

PROJECT TITLE  
**BERLIN STREET GROUP  
CURB REPLACEMENT PROGRAM**

NO.	REVISION	BY	DATE

ISSUED	4/01/2016
CHECKED	FB
DRAWN	KB
DESIGN	KB
SCALE	1" = 20'
PROJECT NUMBER	15107

DRAWING TITLE  
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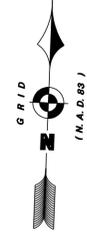
DRAWING NO.  
**11**  
OF 16

HUDSON AVENUE

HUDSON AVENUE

ST. JACOB STREET

MATCHLINE STA. S15+50



Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

MANAGING ENGINEER  
CITY ENGINEER  
ALBERT J. GILOI, P.E.  
JAMES R. MONTOSH, P.E.

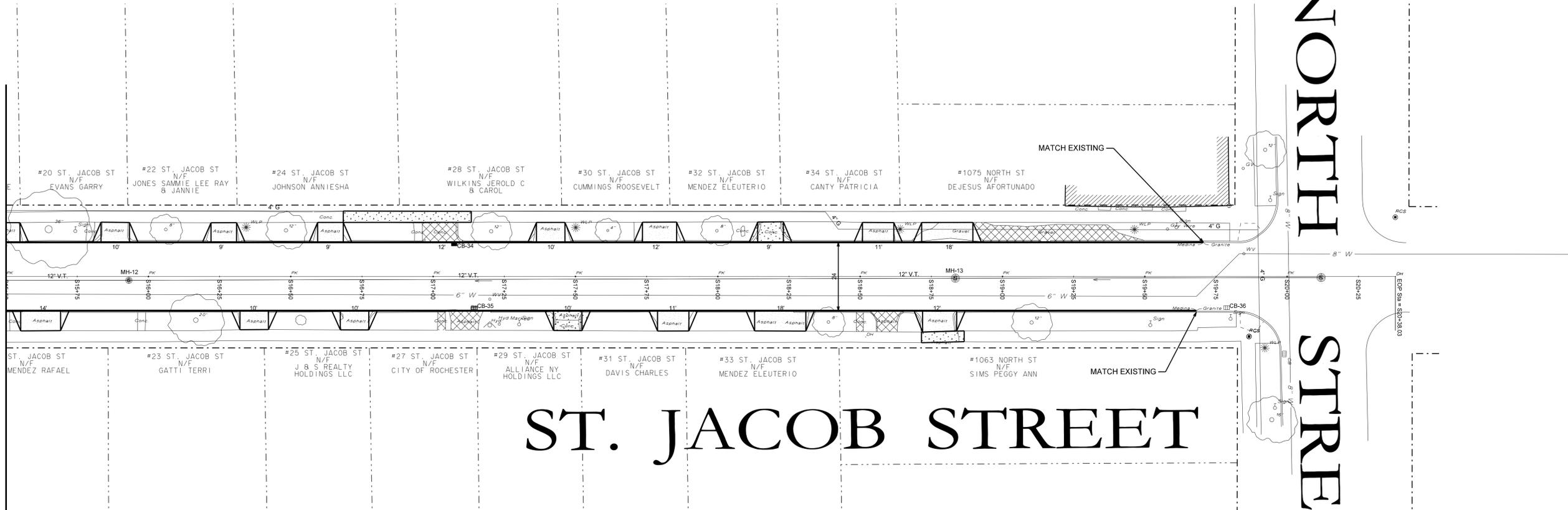
PROJECT TITLE  
BERLIN STREET GROUP  
CURB REPLACEMENT PROGRAM

ISSUED	4/01/2016
CHECKED	FB
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DESIGN	KB
SCALE	1" = 20'
PROJECT NUMBER	15/107

DRAWING TITLE  
ST JACOBS ST

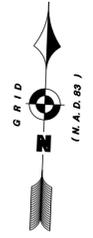
DRAWING NO.  
12  
OF 16

MATCHLINE STA. S15+50



ST. JACOB STREET

NORTH STREET



Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

MANAGING ENGINEER: ALBERT J. GIGLIO, P.E.  
CITY ENGINEER: JAMES R. MCINTOSH, P.E.

PROJECT TITLE  
**BERLIN STREET GROUP  
CURB REPLACEMENT PROGRAM**

ISSUED	4/01/2016	CHECKED	FB	DRAWN	KB	DESIGN	KB	SCALE	1" = 20'	PROJECT NUMBER	15/07	NO.	REVISION	BY	DATE

DRAWING TITLE  
**ST JACOBS ST**

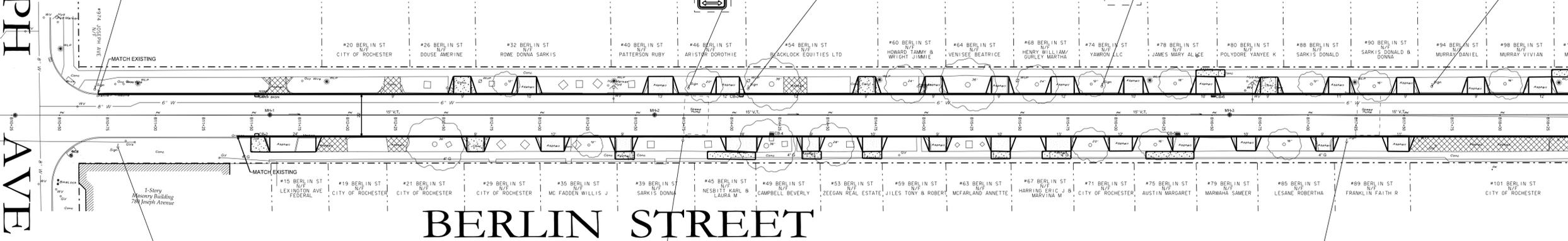
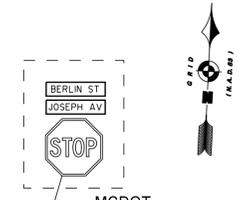
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**13**

OF 16

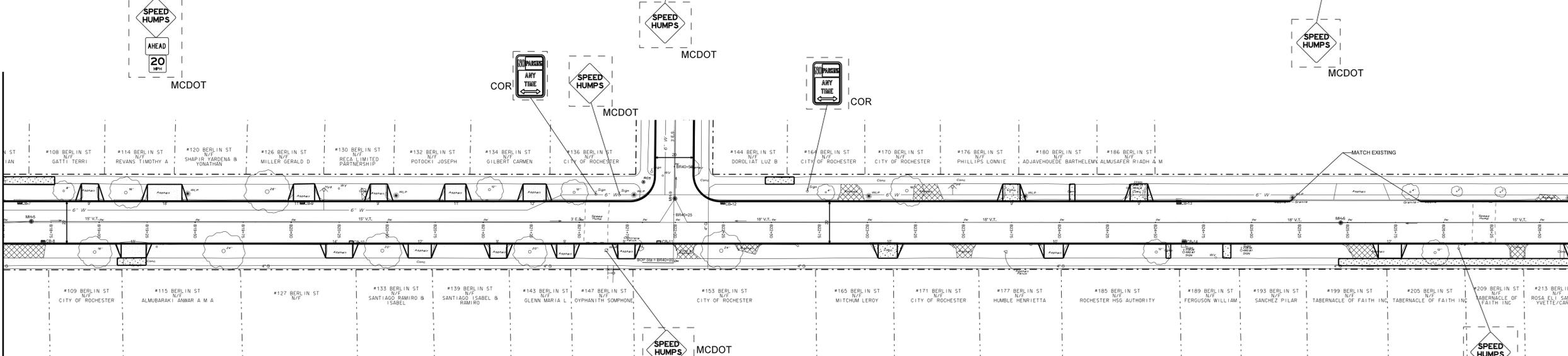
JOSEPH AVE

MATCHLINE STA. B18+50

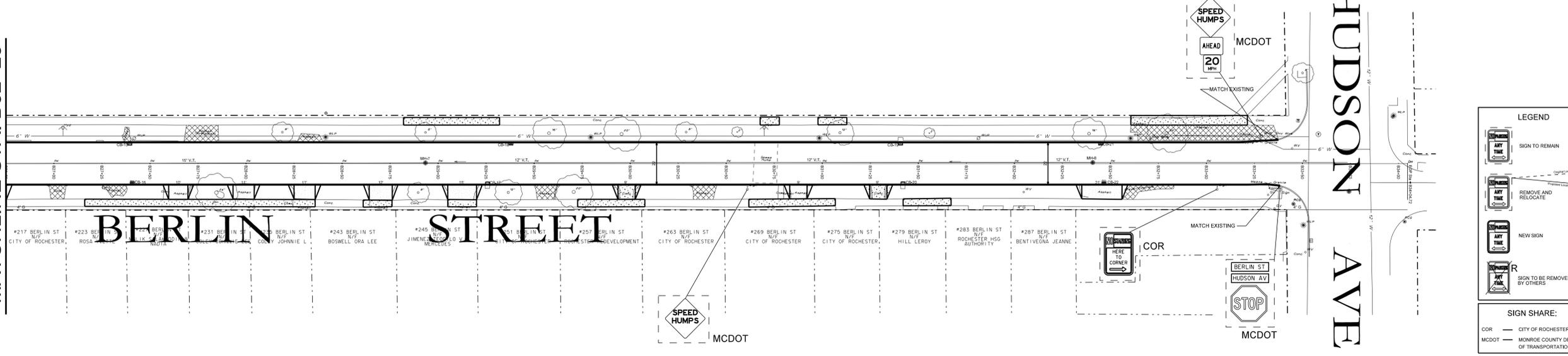
MATCHLINE STA. B32+25



BERLIN STREET



BERLIN STREET



BERLIN STREET

HUDSON AVE

**LEGEND**

- SIGN TO REMAIN
- REMOVE AND RELOCATE
- NEW SIGN
- SIGN TO BE REMOVED BY OTHERS

**SIGN SHARE:**

- COR — CITY OF ROCHESTER
- MCDOT — MONROE COUNTY DEPARTMENT OF TRANSPORTATION

MATCHLINE STA. B18+50

MATCHLINE STA. B26+75

Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

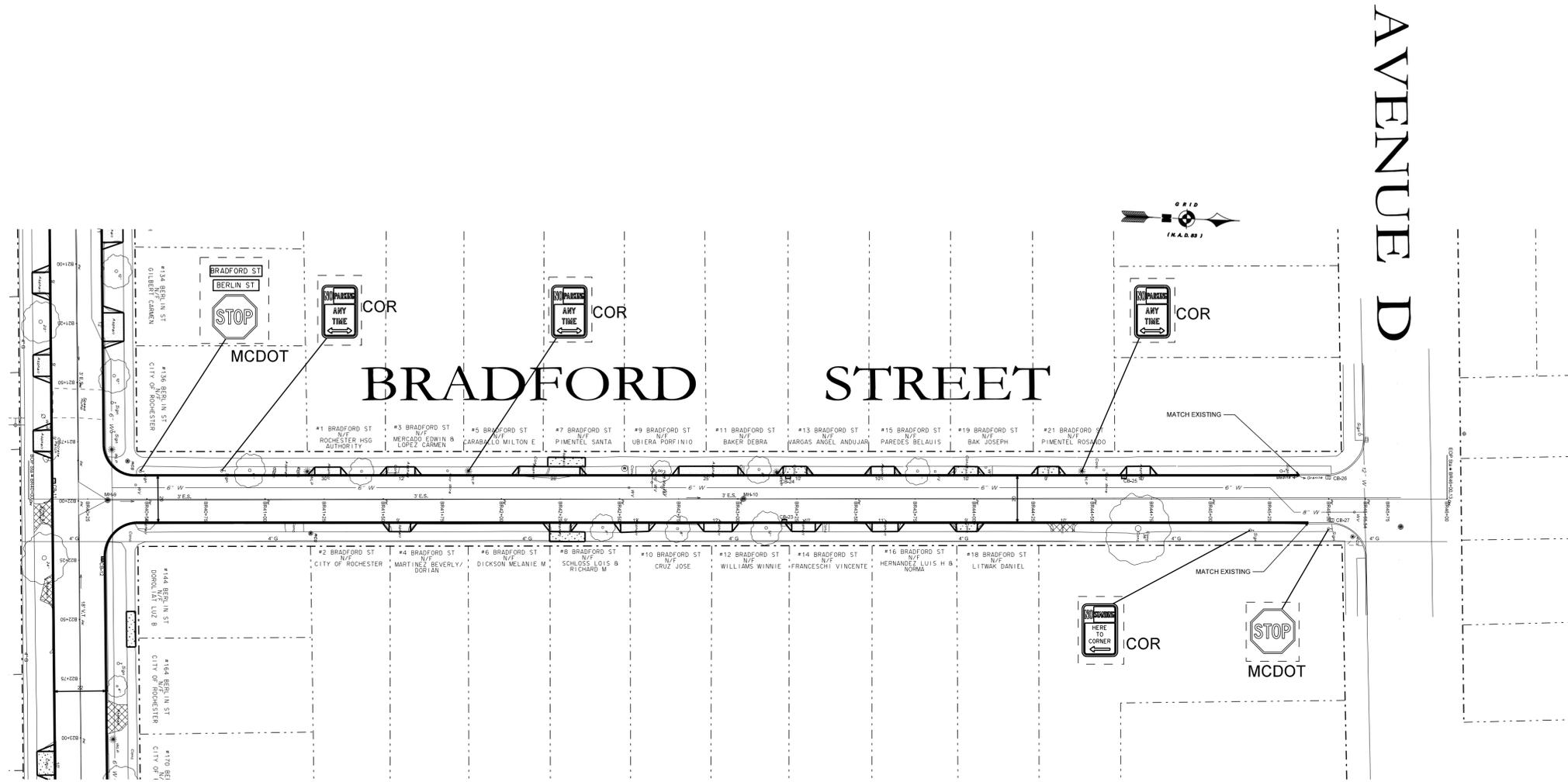
MANAGING ENGINEER: ALBERT J.GIOLIO.P.E.  
CITY ENGINEER: JAMES R.MCINTOSH.P.E.

PROJECT TITLE  
BERLIN STREET GROUP  
CURB REPLACEMENT PROGRAM

ISSUED	CHECKED	DRAWN	DESIGN	SCALE	PROJECT NUMBER	NO.	REVISION	BY	DATE
4/01/2016	FB	KB	KB	1" = 30'	15107				

DRAWING TITLE  
BERLIN ST  
SIGNAGE PLAN

DRAWING NO.  
14  
OF 16



**LEGEND**

- SIGN TO REMAIN
- REMOVE AND RELOCATE
- NEW SIGN
- SIGN TO BE REMOVED, BY OTHERS

**SIGN SHARE:**

- COR — CITY OF ROCHESTER
- MCDOT — MONROE COUNTY DEPARTMENT OF TRANSPORTATION

Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

MANAGING ENGINEER: ALBERT J. GIGLIO, P.E.  
CITY ENGINEER: JAMES R. MCINTOSH, P.E.

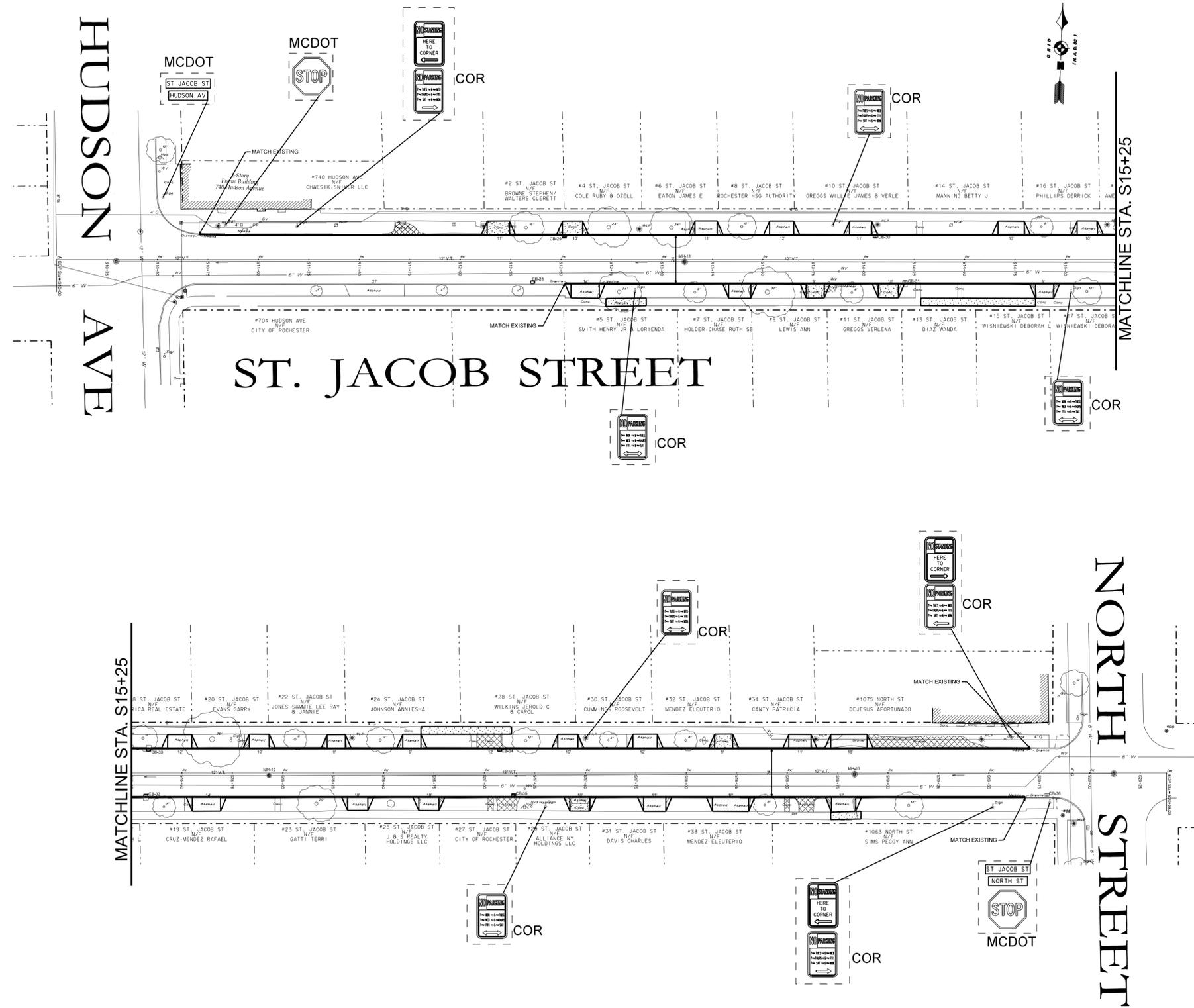
**PROJECT TITLE**  
BERLIN STREET GROUP  
CURB REPLACEMENT PROGRAM

NO.	REVISION	BY	DATE

ISSUED	4/01/2016
CHECKED	FB
DRAWN	KB
DESIGN	KB
SCALE	1" = 30'
PROJECT NUMBER	15/07

**DRAWING TITLE**  
BRADFORD ST  
SIGNAGE PLAN

**DRAWING NO.**  
15  
OF 16



**LEGEND**

- SIGN TO REMAIN
- REMOVE AND RELOCATE
- NEW SIGN
- SIGN TO BE REMOVED, BY OTHERS

**SIGN SHARE:**

- COR — CITY OF ROCHESTER
- MCDOT — MONROE COUNTY DEPARTMENT OF TRANSPORTATION

Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

MANAGING ENGINEER: ALBERT J. GIUGLIOPPE  
CITY ENGINEER: JAMES R. MCINTOSH, P.E.

PROJECT TITLE  
**BERLIN STREET GROUP  
CURB REPLACEMENT PROGRAM**

ISSUED	CHECKED	DRAWN	DESIGN	SCALE	PROJECT NUMBER	NO.	REVISION	BY	DATE
4/01/2016	FB	KB	KB	1" = 30'	15107				

DRAWING TITLE  
**ST JACOBS ST  
SIGNAGE PLAN**

DRAWING NO.  
**16**  
OF 16