

# CITY OF ROCHESTER

# DEPARTMENT OF ENVIRONMENTAL SERVICES



STREET IMPROVEMENT PROGRAM

# RESIDENTIAL CURB RAMPS - CULVER ROAD EAST TO CITY LINE

PROJECT BOUNDARIES
WEST TO EAST: CULVER RD TO CITY LINE
NORTH TO SOUTH: BAY ST TO E. MAIN ST

PN 19106

PRELIMINARY PLANS
DECEMBER 21, 2018

NORMAN H. JONES COMMISSIONER DEPARTMENT OF ENVIRONMENTAL SERVICES CITY OF ROCHESTER HOLLY E. BARRETT, P.E. INTERIM CITY ENGINEER CITY OF ROCHESTER

DATE

DATE

PATRICK O'CONNOR, P.E. DIRECTOR BUREAU OF WATER CITY OF ROCHESTER DATE

#### **GENERAL** CONTRACTOR IS TO FOLLOWALL PROVISIONS OF CITY OF ROCHESTER STANDARD SPECIFICATIONS, EXCEPT FOR ITHOSE AS REVISED IN SUPPLEMENTARY SPECIFICATION SECTION OF CONTRACT DOCUMENTS. REVISED SPECIFICATION PROVIDED IN SUPPLEMENTARY SPECIFICATION SECTION OF CONTRACT DOCUMENTS. SPECIFICATION SECTION OF CONTRACT DOCUMENTS. SPECIFICATION PROVIDED IN SUPPLEMENTARY SPECIFICATION SECTION OF CONTRACT DOCUMENTS. SPECIFICATION SECTION OF CONTRACT DOCUMENTS. SPECIFICATION PROVIDED IN SUPPLEMENTARY SPECIFICATION SECTION OF CONTRACT DOCUMENTS. SPECIFICATION PROVIDED IN SUPPLEMENTARY SPECIFICATION SECTION OF CONTRACT DOCUMENTS. SPECIFICATION SECTION OF CONTRACT DOCUMENTS.

- 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
- A 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 RIFLD SURFACE SURVEY DATA AND IN COMJUNCTION WITH RECORD MAPPING SUPPLIED BY RESPECTIVE UTILITY COMPANY. BEFORE COMMENCING ANY WORK, IT IS RESPONSIBILITY OF CONTRACTOR TO HAVE LOCATION OF 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, UPPO AT 811.

  5. RIGHT-OF-WAY MONUMENTS AND PROPERTY CORNERS ARE TO BE PROTECTED. SAFEGUARDED AND PRESERVED. 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.
- 6. SAW CUTS MADE IN ROADWAY ARE TO BE FULL DEPTH. WITH 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. SAW CUTS ARE TO BE SEALED WITH AN ASPHALT FILLER PER NYSDOT 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, CONTRACTOR IS TO USE CLASS F CONCRETE. IF PROJECT CALLS FOR USING ASPHALT TEMPORARY PAVEMENT SECTION ADD PROJECT EXTENDS INTO WINTER SEASON, CONTRACTOR WILL BE REQUIRED TO USE CREATED AS ARTERIAL AS RECRIBED FOR WORK. CONCRETE SECTION IS TO BE 4 INCHES THICK FOR STREETS DESIGNATED AS ARTERIAL AS COLLECTOR STREETS, ADD SINCHES THICK FOR STREETS DESIGNATED AS LOCAL EXPENSE AND SINCHEST AND SINCHEST AND SINCHEST AND SINCHEST BLOCK PROJECT AS ADD SINCHEST AS ADD SINCHEST AND SINCHEST BLOCK PROJECT AS ADD SINCHEST BLOCK PROJECT BLOCK PROJECT
- SIDEWALK ACCESS RAMPS ARE TO BE SITUATED AND OF TYPE AS SHOWN IN CONTRACT DRAWINGS. HEADER CURB PIECE IS TO BE 5 FEET IN LENGTH, TRANSITION CURB BEING FROM MINIMUM OF 3 FEET 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
- 10. 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 MITHIN 4 INCHES OF FINISHED GRADE WITH SELECT BACKFILL MATERIAL EXCAVATED FROM PROJECT SITE. PLACE 4 INCHES TOPSOIL, FINISH GRADE AREA AND HYDROSEED. PER SECTIONS 5610 LANDSCAPE, 5613 TOPSOIL AND NYSDOT SECTION 203 EXCAVATION AND EMBANKMENT.
- 11. RECYCLED MATERIALS, PULVERIZED OR RECYCLED PORTLAND CEMENT CONCRETE AGGREGATE (RCA) AND BRICK, RECLAIMED ASPHALT PAVEMENT (RCA), AND CORIAN®) ARE UNACCEPTABLE FOR USE AS SUBBASE COURSE MATERIALS, UNLESS SPECIFICALLY
- 12. CONTRACTOR MUST CONTACT MODOT 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 89-9 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/sen/cices, UNDER TRESEARCH/VIEW-CITY CHARTER AND CODE".
- CONTRACTOR IS TO PROVIDE PROTECTION FOR 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 MUIST REMAIN STRUCTURALLY ADEQUATE FOR EXISTING TREE TO WITHSTAND HEAVY WINDSTORMS, IN AREAS OF CURBICONCRETE GUTTER/PAVEMENT WORK, ANY EXISTING TREE ROOTS THAT ARE 2 INCHES OR LARGER IN DIAMETER AND ARE IN CONFLICT WITH SUCH WORK, MUST BE INSPECTION. EXPENDED FOR CUITING OF THE ROOTS CAN OCCUR. CONTRACTOR MUST CONTACT CITY FORESTRY AT (685) 428-7581 TO MAKE ARRANGEMENTS FOR SUCH INSPECTION. EXISTING TREE ROOTS THAT ARE SMALLER THAT 2 INCHES IN DIAMETER, ARE TO BE CUT CLEANLY WITH SHAPE IMPLEMENTS.
- IN AREA OF SIDEWALK CONSTRUCTION, EXISTING TREE ROOTS THAT ARE LOCATED LINDER 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
- IN AREAS OF DRIVEWAY, 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 LAWN AREA AND OVER TREE ROOT ZONE, PLYWOOD IS TO BE PLACED ON LAWN AREA TO EXTENTS OF TREE ROOT ZONE TO DISPERSE AND MINIMIZE COMPACTION AND TO PREVENT SOIL RUTTING. NO EQUIPMENT OR MATERIALS ARE TO BE STORED OVER TREE ROOT ZONE.

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

THE WATER MAIN AND TEMPORARY BYPASS PIPE SHALL BE DISINFECTED EQUAL TO AVWAS STANDARD FOR DISINFECTING WATER MAINS, DESIGNATION C851, 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 OF HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM. THE INTERIOR OF ALL WATER MAIN PIPE, VALVES, FITHOUS AND SERVICES 4 NOHES AND LARGER; INCLUDING NEW HYPORAN BERANCHES CONNECTED CONTINUED THE STANDARD FOR SYMBOLIS DISINFECTED WITH AN IMMINIMAN 1%. SENDING OF HIGHER MAINS, NOT RECEIVING 24 HOURS DISINFECTION CONTACT THE MUST BE SPRAY OF SWAD BISINFECTED WITH AN IMMINIMAN 1%. SENDING PROVIDED WATER MAIN AND STANDARD STANDARD

HE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH (MCDPH) MUST RECEIVE AT LEAST 48 HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. THE CONTRACTOR SHALL CALL (585) 753-5057 TO ARRANGE FOR SAMPLING SERVICES AND IS ESPONSIBLE 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 RESPUNDIBLE FOR PAYING ALL MULPH SAMPLING FEES. SAMPLING WILL NUT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL (ENGINEER, ARCHITECT OR LAND SURVEYOR WITH A SPECIAL SEXEMPTION UNDER SECTION PROCEDURES WERE COMMENTED IN ACCORDANCE WITH THE APPROVED DEPLAYS, REPORTS, SPECIFICATIONS AND ANY APPROVED AMENOMENTS. THE DEPARTMENT MULL COLLECT SAMPLES FOR FREE CHLORING RESIDUAL, TOTAL COLLFORM, ESCHERICHIA COLI (E.COLI) AND TURBIDITY. THE WATER MAIN AND BYPASS PIPE SHALL NOT BE PLACED IN SERVICE UNTIL SO AUTHORIZED BY THE MONREC 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 SETWEEN PARALLEL WATER MAINS AND SEVER PIPES (INCLUDION MAINLOLES AND VALUTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VALUTS.
- 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 PRESSURELEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWAY, STANDARD 0:500 (LATEST REVISION) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER. FOR CITY OF ROOHESTER WATER MORE SPECIFICATION 500- GENERAL WATER PROVISIONS OF W

#### WATER MAIN AND WATER SERVICE

- PERMIT IS REQUIRED FROM BUREAU OF WATER TO USE WATER FROM HYDRANTS. PERMIT REQUIRES USE OF WATER METER AND BACKFLOW PREVENTER, WHICH WILL BE SUPPLIED BY BUREAU OF WATER. CONTRACTOR MUST OBTAIN PERMIT PRIOR TO USING HYDRANT. PERMIT FEE INCLUDES REFUNDABLE DEPOSIT FOR USE OF WATER METER AND BACKFLOW PREVENTER.
- CONTRACTOR IS TO EXERCISE CAUTION WHEN WORKING NEAR EXISTING WATER MAIN THAT IS TO REMAIN. NO VIBRATORY EQUIPMENT IS TO BE USED WITHIN 5 FEET HORIZONTALLY OF EXISTING WATER MAIN.
- CUT AND OPEN WATER PIPE ENDS ON ABANDONED WATER MAIN AND HYDRANT BRANCH PIPES ARE TO BE PLUGGED WITH CONCRETE. CONCRETE PLUG IS TO COMPLETELY FILL AND SEAL END OF ABANDONED WATER PIPE TO MINIMUM DEPTH OF 12 INCHES. ABANDONED WATER VALVES AND CURB STOPS ARE TO BE PERMANENTLY CLOSED AND ARE TO BE LEFT IN SHUT POSITION.
- NEW WATER PIPE AND FITTINGS ARE TO BE INSTALLED WITH MINIMUM COVER OVER WATER PIPE AND FITTINGS, AS MEASURED TO FINISHED GRADE, OF 4.5 FEET FOR DOMESTIC WATER PIPE AND 5 FEET FOR HOLLY SYSTEM WATER PIPE. 5. NEW DUCTILE IRON WATER PIPE AND FITTINGS ARE TO BE INSTALLED WITH POLYETHYLENE ENCASEMENT. AND CATHODIC PROTECTION MAGNESIUM ANODES, AS SHOWN IN CONTRACT DOCUMENTS AND AS DIRECTED BY PROJECT MANAGER.
- 6. APPROPRIATE MEASURES ARE TO BE TAKEN TO PREVENT EXTRANEOUS MATERIAL AND GROUND WATER FROM CONTAMINATING WATER SYSTEM, GROUND WATER LEVEL IS NEVER TO BE LESS THAN 12 INCHES BELOW INVERT OF WATER PIPE. TO PREVENT CONTAMINATION OPEN ENDS OF WATER PIPE THAT ARE LEFT UNATTENDED ARE TO BE PLUGGED WITH WATERTIGHT PLUG AND WRAPPED IN DOUBLE LAYER OF POLVETHYLENE PLASTIC AND TIGHTLY TAPED OR TIED.
- 7 TRACER WIRE IS TO BE INSTALLED ALONG AND ABOVE PVC/PVCQ/HDPE WATER PIPE AND FITTINGS. AND ALONG AND WRAPPED AROUND PE WATER SERVICE TURING
- EXISTING WATER VALVES AND CURB STOPS THAT ARE LOCATED ON WATER MAIN AND WATER SERVICE PIPE WHICH IS TO REMAIN ARE TO BE ADJUSTED TO GRADE OR REPLACED, AS SHOWN IN CONTRACT DOCUMENTS AND AS DIRECTED BY PROJECT MANAGER.
- GATE VALVE INSTALLATION REQUIRES MECHANICAL JOINT RESTRAINT WITHIN 18 FEET OF GATE VALVE.
- 10. SERVICE SADDLES ARE REQUIRED FOR CONNECTING PE WATER SERVICE TUBING TO PVC/PVCO WATER MAIN PIPE. 11. SOLID STAINLESS STEEL INTERNAL STIFFENERS ARE REQUIRED AT ENDS OF PE WATER SERVICE TUBING CONNECTIONS

#### MONROE COUNTY PURE WATERS

- CONTRACTOR IS TO CONSTRUCT ALL SEWER APPURTENANCES (MAIN SEWER, LATERALS, CATCH BASINS AND MANHOLES) IN CONFORMANCE WITH SPECIFICATIONS OF ROCHESTER PURE WATERS DISTRICT (RPWD) (WHEN APPLICABLE)
- ANY NEW PORTION OF CATCH BASIN LATERAL INSTALLED WITHIN PUBLIC R.O.W. MUST BE PVC SDR-21 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 PVC SDR-35 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 RPWD 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 SPECIALIZATIONS.
- RPWD WILL NOT MARK PRIVATE SERVICE LATERALS. CONTRACTOR WILL BE RESPONSIBLE FOR REPAIR OF ANY LATERALS DAMAGED DURING EXCAVATIONICONSTRUCTION ACTIVITIES. IF AVAILABLE, RECORD MAPS INDICATING LATERAL WYE CONNECTIONS OF RECORDED WYESTAPS MAY BE OBTAINED BY CONTACTING MCPW RECORD ROOM AT (585) 753-7651 WEEKDAYS BETWEEN HOURS OF 8:00AM AND 4:00PM.
- IN EVENT THAT EXISTING SEWER MAINS OR LATERAL PIPES ARE BROKEN DURING EXCAVATION, ANY 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 INCH PIPE AND FERNCO COUPLERS. CONTRACTOR MAY BE PERMITTED TO USE OAKUM AND EPOXY MORTACONNECT NEW PUP PIPE TO A NEXTSTRING BELL THAT IS IN GOOD CONDITION.
- RPWD REQUIRES ALL OTHER UTILITIES TO CROSS PERPENDICULAR OR CLOSE AS POSSIBLE TO PERPENDICULAR TO DISTRICT FACILITIES.
- 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 SEVER 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 REVISION (LASS 30B), CONTRACTOR IS TO ADDI REMOVE ADDITIONAL COURSES OF BRICK/BLOCK AS/IF REQUIRED TO RETROFT IN SEVER PRAMES AND COVERS. AT REQUIRED BY A TREQUIRED BY
- 1. 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 RPWD. 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.
- 13. 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 UTILITIES/FACILITIES.
- 14. DISTRICT MUST HAVE ACCESS TO ITS FACILITIES AT ALL TIMES, IF AT ANY TIME DISTRICT CANNOT ACCESS ITS FACILITIES (iii: CB OR MH), IT WILL BE RESPONSIBILITY OF CONTRACTOR TO PROVIDE ACCESS. MONROE COUNTY DISPATCH CENTER WILL BE SUPPLIED WITH COPY OF EMERGENCY PHONE LIST AND WILL BE INSTRUCTED TO CONTACT CONTRACTOR IN THIS EVENT.
- 15. IN EVENT THAT EXISTING STREET DRAINAGE CATCH BASINS ARE DAMAGED OR BROKEN DURING EXCAVATION/CONSTRUCTION ACTIVITIES, ANY AND ALL REPAIRS MUST BE ACCOMPLISHED ACCORDING TO RPWD SPECIFICATIONS AS FOLLOWS
- BRICK CATCH BASINS ARE TO BE REPAIRED USING RED SEWER BRICK, ASTM C32, GRADE SS.
- TYPE "S" MORTAR TO BE USED LATERALS TO BE REPAIRED WITH PVC SDR-21 PIPE AND FERNICO PIPE COLIPLERS
- IN INCENTED FOR AMAGE TO POLICIAD CONCRETE RISER SECTION OR EXISTING CATCH BASINS, ENTIRE CONCRETE RISER SECTION IS TO BE REMOVED AND REPLACED WITH NEW POURED CONCRETE RISER AS PER RPWD SPECIFICATIONS.

  IF PRECAST CONCRETE CATCH BASIN IS DAMAGED OR BROKEN DURING COURSE OF WORK, IT MUST BE REPLACED WITH NEW IN KIND.

#### 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:
- E. 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, MIPOUNDMENTS (LAKES, RESERVOIRS, ETC.) AND LANDS ADJACENT TO OR AFFECTED BY THE WORK. CONSTRUCTION OF PRACTICABLE. THE AREA OF BEARS SOIL EVENED AT ANY ONE TIME BY CONSTRUCTION OFFICIATION SHALL BE KEPT TO A MINIMUM.
- F. 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
- CONTRACTOR IS TO PROVIDE TEMPRARY CONCRETE WASHOUT FACILITY TO COLLECT, RETAIN AND RECYCLE 100% OF CONCRETE WASHOUT WASTE WASTE WASTE AND SOLIDS IN ACCORDANCE WITH "EPA STORMWATER BEST MANAGEMENT PRACTICE CONCRETE WASHOUT. ALL TOOLS AND EQUIPMENT USED FOR PLACEMENT OF CONCRETE MUST BE WASHED DOWN TO REMOVE RESIDUE CONCRETE BEFORE IT HARDENS. WASHOUT FACILITY IS TO BE WATERTIGHTLEAK PROOF CONTAINER TO PREVENT LEACHING OF WASHWATER HAD RAINFALL, AND IS TO BE LOCATED TO BE CONVIENENT AND ACCESSIBLE FOR WORKERS AND CONCRETE TRUCKS. COST OF PROVIDING AND MAINTAINING CONCRETE WASHOUT FACILITY IS TO BE INCLUDED IN UNIT PRICE BID FOR RESPECTIVE WORK RELATED ITEMS.

# **LEGEND**

**EXISTING** 

BUILDING LINE

USGS/USC&GS MONUMENT

CURB LINE AND TYPE

SLATE SIDEWALK

SEWER MANHOLE

SEWER CLEAN-OUT

WATER REDUCER

MONITORING WELL

WATER SERVICE AND CURB STOP

CONCRETE STREET LIGHT POLE

WOOD POWER POLE W/GUY WIRE

UTILITY HANDHOLE OR PULLBOX

CITY OF ROCHESTER HANDHOLE

CITY OF ROCHESTER PULLBOX

GAS MAIN AND SIZE. GAS VALVE

TRAFFIC SIGNAL CONTROL BOX

TRAFFIC SIGNAL CONDUIT

FLAG POLE

PARKING METER

MAIL BOX AND CONCRETE PAD

SIGN POST AND SIGN PANEL

STEAM LINE AND SIZE

UTILITY MANHOLE w/VAULT

TREE AND DIAMETER AT DBH

SANITARY SEWER, SIZE AND TYPE

SHRUB ROW

VERTICAL CONTROL MONUMENT

\_\_\_\_\_ RIGHT-OF-WAY LINE

— - - — - - — PROPERTY LINE

USGS/ USC&GS

RCS (A)

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#### PROPOSED RIGHT-OF-WAY LINE AS ORDERED BY PROJECT MANAGER APPROX APPROXIMATE ---- P ---- PROPERTY LINE BUILDING BENCH MARK RCS \_ HORIZONTAL CONTROL MONUMENT BLACKTOP RTS ( CALCULATED VERTICAL CONTROL MONUMENT CAST IRON PIPE CENTERLINE HORIZONTAL CONTROL MONUMENT - CURBLINE CORRUGATED METAL PIPE CONCRETE CITY OF ROCHESTER ROPE LOCATION AND REFERENCE NUMBER STEEL CLIP DRILL HOLE CORE LOCATION AND REFERENCE NUMBER DIAMETER ADDITIONAL WORK LIMIT LINI DUCTILE IRON PIPE CONCRETE SIDEWALK/DRIVEWAY ELEVATION EXISTING FRONTIER COMMUNICATIONS HORZ, HORIZ PAVEMENT REHABILITATION/RECONSTRUCTION AREA IRON PIN LENGTH OF CURVE TREE PLANTING MAXIMUM COMBINED SEWER, SIZE AND TYPE MONROE COUNTY DEPARTMENT OF TRANSPORTATION MCDOT CATCH BASIN FRAME AND GRATE ADJUSTMENT MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH STORM WATER SEWER SIZE AND TYPE MONROE COUNTY DIVISION OF PURE WATERS MISCELLANEOUS 0 MANHOLE FRAME AND COVER ADJUSTMENT/REPLACEMEN MONUMENT NOW OR FORMERLY NOT IN CONTRAC PAVEMENT POINT OF CURVATURE HYDRANT, BRANCH, WATER VALVE AND TEE POINT OF COMPOUND CURVATURE PLAIN CONCRETE PIPE HYDRANT, BRANCH AND WATER VALVE POINT OF INTERSECTION POINT KNOWN NAIL WATER MAIN - NOTE SIZE AND TYPE 6"W WATER MAIN AND SIZE, WATER VALVE PROPERTY LINE POINT OF REVERSE CURVATURE DISINFECTION/SAMPLING TAP POINT OF TANGENCY POINT OF VERTICAL CURVATURE CATHODIC PROTECTION TEST STATION POLYVINYL CHLORIDE PIPE POINT OF VERTICAL INTERSECTION TRACER WIRE TERMINATION BOX POINT OF VERTICAL TANGENCY RADIUS OF CURVE REINFORCED CONCRETE PIPE ROCHESTER CITY SURVEY ROCHESTER GAS AND ELECTRIC RIGHT-OF-WAY WATER REDUCER, OFFSET OR BENDS ROCHESTER PURE WATERS DISTRICT ... :HESTER TOPOGRAPHICAL SURVEY — — → WATER SERVICE AND CURB STOP STONE BOX SEWER TEMPORARY WATER BYPASS PIPE AND HYDRANT TANGENT LENGTH OF CURVE WOOD POWER POLE w/STREET LIGHT TOP OF CURB TOP OF CATCH BASIN GRATE TIME WARNER CABLE FLP FIBERGLASS STREET LIGHT POLE UNITED STATES COAST AND GEODETIC SURVEY USC&GS LP • METAL STREET LIGHT POLE UNITED STATES GEOLOGICAL SURVEY VERTICAL CURVE VITRIFIED CLAY PIPE CABLEVISION UNDERGROUND CONDUIT — — ■ — — STREET LIGHTING HANDHOLE OR PULLBOX VITRIFIED TILE PIPE ELECTRIC LINDERGROUND CONDUIT XVCP EXTRA STRENGTH VITRIFIED CLAY PIPE - - E - - ARTERIAL STREET LIGHTING CONDUIT WAYE OR Y-BRANCH FIBER OPTICS UNDERGROUND CONDUI - - CE - RESIDENTIAL STREET LIGHTING CONDUI PED 😝 PEDESTRIAN SIGNAL POLE W/SIGNAL HEAD DRAWING INDEX DRAWING DRAWING TRAFFIC SIGNAL CONTROL BOX TITLE NUMBER COVER TRAFFIC SIGNAL POLE GENERAL INFORMATION CITY OF ROCHESTER STREET LIGHTING CONDUIT PEDESTRIAN ACCESSIBILITY GUIDELINES TRAFFIC SIGNAL POLE W/STREET LIGHT MAINTENANCE AND PROTECTION OF TRAFFIC TRAFFIC SIGNAL CONDUCT SITE PLAN 6-17 SIGN SLEEVE PEDESTRIAN SIGNAL POLE W/SIGNAL HEAD TABLES DETAILS | H | H | TRAFFIC SIGNAL POLE w/STREET LIGHT 運 /EI\

**ABBREVIATIONS** 

SGRA RAM CITY

PRC JRB TO (

IMPROVEMENT F RESIDENTIAL CUI CULVER RD EAST T

GENERAL FORMATION

#### **GENERAL**

- 1. ACCESS ELEMENTS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH "PROPOSED GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY (PROWAG)". FOLLOWING NOTES REITERATE OR AMEND REQUIREMENTS OUTLINED IN "PROPOSED GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY (PROWAG)" AND NYSDOT "HIGHWAY DESIGN MANUAL - CHAPTER 18 PEDESTRIAN FACILITY DESIGN". SEE BOTH DOCUMENTS FOR FURTHER INFORMATION, CLARIFICATION OR GUIDANCE AS NEEDED,
- 2. DESIGN TOLERANCES FOR DIMENSIONS, GRADES (RUNNING SLOPE) AND CROSS SLOPES SHOWN IN CONTRACT DOCUMENTS ARE MINIMUM AND MAXIMUM LIMITS FOR DESIGN AND FIELD LAYOUT OF ACCESSIBLE ELEMENTS. ACCESSIBLE ELEMENTS ARE NOT TO BE CONSTRUCTED WITH VALUES OUTSIDE LIMITS PER ACCESSIBILITY GUIDELINES AND FOR WORK ACCEPTANCE.
- 3. FOR PEDESTRIAN ACCESS, SIDEWALKS ARE TO HAVE MINIMUM CLEAR WIDTH OF 5 FEET, WHEREAS ACCESSIBILITY GUIDELINES REQUIRE MINIMUM CLEAR WIDTH OF 4 FEET. WIDTH OF SIDEWALK IS MEASURED FROM BACK EDGE OF CURB OR CONCRETE GUTTER. SIDEWALK SURFACE, GRADE AND CROSS SLOPE ARE TO BE MAINTAINED ACROSS DRIVEWAYS. WHERE SIDEWALK IS LESS THAN 5 FEET WIDE, PASSING SPACES ARE TO BE PROVIDED AT MAXIMUM INTERVALS OF 200 FEET. DRIVEWAYS THAT MEET CROSS SLOPE REQUIREMENTS ARE ACCEPTABLE FOR USE AS PASSING SPACE.
- SIDEWALK CROSS SLOPE IS TO BE 1.50% MAXIMUM FOR DESIGN AND FIELD LAYOUT, 2% MAXIMUM PER ACCESSIBILITY GUIDELINES AND FOR WORK ACCEPTANCE.
- SIDEWALK AND PEDESTRIAN STREET CROSSINGS ARE TO INCLUDE MINIMUM 4 FEET WIDE REDUCED VIBRATION ZONE, TO MINIMIZE PAINFUL VIBRATION THAT PERSONS USING WHEELED MOBILITY AIDS MAY EXPERIENCE WHEN TRAVERSING ROUGH AND UNEVEN SURFACE FEATURES, i.e. EXPOSED AGGREGATE, PAVERS WITH ROUNDED EDGES, PAVERS WITH CHAMFERED EDGES GREATER THAN 1/4 INCH, COBBLESTONES, DECORATIVE PATTER MATERIALS AND SURFACE IMPRINTS WIDER AND DEEPER THAN 1/4 INCH, AND ANY OTHER TYPE OF ROUGH, UNEVEN OR JOINTED SURFACES. ACCEPTABLE REDUCED VIBRATION SURFACES INCLUDE CONCRETE, ASPHALT, SQUARED EDGE PAVERS, PAVERS WITH CHAMFERED EDGES LESS THAN 1/4 INCH, DECORATIVE PATTERNING MATERIALS AND SURFACE IMPRINTS LESS THAN 1/4 INCH WIDE AND DEEP.
- TO CHECK FIELD LAYOUT AND TO VERIFY WORK ACCEPTANCE, ALL GRADES (RUNNING SLOPES) AND CROSS SLOPES ARE TO BE MEASURED WITH 4 FOOT LONG DIGITAL LEVEL USING AT LEAST TWO READINGS. WHERE READINGS VARY MEASUREMENTS ARE TO BE AVERAGED. GRADES (RUNNING SLOPES) ARE TO BE MEASURED IN DIRECTION OF PEDESTRIAN TRAVEL ALONG CENTERLINE AND ON 12 INCH AND 18 INCH OFFSETS FROM CENTERLINE. CROSS SLOPES ARE TO BE MEASURED IN DIRECTION OF PEDESTRIAN TRAVEL ALONG CENTERLINE AND ON 12 INCH AND 18 INCH OFFSETS FROM CENTERLINE. CROSS SLOPES ARE TO BE MEASURED PERPENDICULAR TO DIRECTION OF PEDESTRIAN TRAVEL AT 5 FOOT INTERVALS.
- JOINTS BETWEEN SIDEWALK FLAGS, ACCESS RAMPS, BLENDED TRANSITIONS, TURNING SPACES AND STREETS ARE TO BE FLUSH AND FREE FROM ABRUPT VERTICAL SEPARATIONS GREATER THAN 1/4 INCH. VERTICAL CHANGES BETWEEN 1/4 INCH AND 1/2 INCH ARE TO BE BEVELED ACROSS ENTIRE JOINT WITH STANDARD BEVEL SLOPE OF 1:3, BUT NO STEEPER THAN 1:2. VERTICAL SEPARATIONS GREATER THAN 1/2 INCH ARE UNACCEPTABLE, REQUIRING TOTAL REPLACEMENT.

#### ACCESSIBLE CONNECTION - ACCESS RAMP AND BLENDED TRANSITION

- ACCESS RAMP AND BLENDED TRANSITION ARE ACCESSIBLE CONNECTIONS BETWEEN SIDEWALK AND STREET. ACCESS RAMP IS DEFINED AS CONNECTION THAT HAS GRADE (RUNNING SLOPE) GREATER THAN 5%. BLENDED TRANSITION IS DEFINED AS CONNECTION THAT HAS MAXIMUM GRADE (RUNNING SLOPE) OF 5%.
- 2. ACCESS RAMPS AND BLENDED TRANSITIONS ARE TO BE MINIMUM 4 FEET WIDE PER ACCESSIBILITY GUIDELINES.
- 3. ACCESS RAMP AND BLENDED TRANSITION CROSS SLOPE IS TO BE AS FLAT AS PRACTICAL WHILE STILL PROVIDING POSITIVE DRAINAGE. CROSS SLOPE IS TO BE 1.50% MAXIMUM FOR DESIGN AND FIELD LAYOUT. 2% MAXIMUM PER ACCESSIBILITY GUIDELINES AND FOR WORK ACCEPTANCE
- WHERE ACCESS RAMP OR BLENDED TRANSITION ENCROACHES INTO SIDEWALK, CROSS SLOPE OF SIDE FLARES IS TO BE 9.50% MAXIMUM FOR DESIGN AND FIELD LAYOUT, 10% MAXIMUM PER ACCESSIBILITY GUIDELINES AND FOR WORK ACCEPTANCE, AS MEASURED PARALLEL TO STREET.
- 5. GRADE (RUNNING SLOPE) OF ACCESS RAMP IS TO BE 7.50% MAXIMUM FOR DESIGN AND FIELD LAYOUT, 8.30% MAXIMUM PER ACCESSIBILITY GUIDELINES AND FOR WORK ACCEPTANCE.
- 6. WHERE EXISTING CONDITIONS CANNOT BE OVERCOME TO ACCOMMODATE 8.30% MAXIMUM GRADE (RUNNING SLOPE) FOR ACCESS RAMP, LENGTH OF ACCESS RAMP CAN BE EXTENDED UP TO MAXIMUM LENGTH OF 15 FEET.
- AT STREET CORNERS WITH DUAL PEDESTRIAN STREET CROSSINGS. SEPARATE ACCESS RAMPS OR BLENDED TRANSITIONS ARE TO BE PROVIDED FOR EACH PEDESTRIAN STREET CROSSING. ORIENTED IN DIRECTION OF PEDESTRIAN TRAVEL. WHERE EXISTING CONDITIONS CANNOT BE OVERCOME TO ACCOMMODATE SEPARATE ACCESS RAMPS OR BLENDED TRANSITIONS, SINGLE DIAGONAL ACCESS RAMP OR BLENDED TRANSITION MAY BE PERMITTED THAT IS ORIENTED TO SERVE BOTH PEDESTRIAN STREET CROSSINGS
- 8. AT T-INTERSECTION, IT IS ONLY NECESSARY TO PROVIDE SINGLE PEDESTRIAN STREET CROSSING FOR THROUGH STREET FROM EITHER CORNER OF INTERSECTING STREET.

#### TURNING SPACE AND CLEAR SPACE

- TURNING SPACE IS DEFINED AS AN AREA AT TOP OF ACCESS RAMP OR BLENDED TRANSITION TO CHANGE DIRECTION FROM SIDEWALK INTO ACCESS RAMP OR BLENDED TRANSITION. CLEAR SPACE IS DEFINED AS AN AREA BEYOND BOTTOM GRADE BREAK THAT IS WITHIN WIDTH OF PEDESTRIAN STREET CROSSING, THAT IS TO BE KEPT CLEAR OF ANY IMPEDIMENT THAT MAY INTERFERE WITH ACCESS FOR PERSONS WITH DISABILITIES. TURNING SPACE MAY ALSO BE LOCATED AT BOTTOM OF ACCESS RAMP OR BLENDED TRANSITION, AND CAN OVERLAP CLEAR SPACE.
- WHERE THERE ARE NO VERTICAL CONSTRAINTS AT BACK OF SIDEWALK, (E.G. STRUCTURES, FENCES, WALLS, CURB, ET CETERA), TURNING SPACE IS TO BE MINIMUM OF 4 FEET x 4 FEET. WHERE THERE ARE VERTICAL CONSTRAINTS, TURNING SPACE IS TO BE MINIMUM OF 4 FEET x 5 FEET, WHERE THERE ARE VERTICAL CONSTRAINTS, TURNING SPACE IS TO BE MINIMUM OF 4 FEET x 5 FEET, WHERE THERE ARE VERTICAL CONSTRAINTS, TURNING SPACE IS TO BE MINIMUM OF 4 FEET x 6 FEET, WHERE THERE ARE VERTICAL CONSTRAINTS, TURNING SPACE IS TO BE MINIMUM OF 4 FEET x 6 FEET, WHERE THERE ARE VERTICAL CONSTRAINTS, TURNING SPACE IS TO BE MINIMUM OF 4 FEET X 6 FEET, WHERE THERE ARE VERTICAL CONSTRAINTS, TURNING SPACE IS TO BE MINIMUM OF 4 FEET X 6 FEET, WHERE THERE ARE VERTICAL CONSTRAINTS, TURNING SPACE IS TO BE MINIMUM OF 4 FEET X 6 FEET X 6 FEET X 7 FEET X
- 3. CROSS SLOPE OF TURNING SPACE IS TO BE AS FLAT AS PRACTICAL WHILE STILL PROVIDING POSITIVE DRAINAGE. CROSS SLOPE IS TO BE 1.50% MAXIMUM FOR DESIGN AND FIELD LAYOUT, 2% MAXIMUM PER ACCESSIBILITY GUIDELINES AND FOR WORK ACCEPTANCE.
- 4. CLEAR SPACE IS TO BE MINIMUM OF 4 FEET x 4 FEET.

#### DETECTABLE WARNING SURFACE

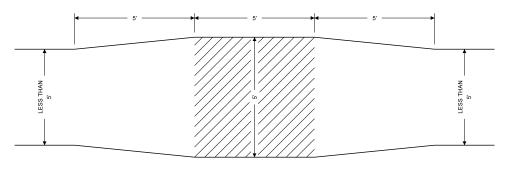
- 1. DETECTABLE WARNING SURFACE IS TO BE MINIMUM OF 24 INCHES DEEP SITUATED IN PREDOMINANT DIRECTION OF PEDESTRIAN TRAFFIC, AND EXTEND ACROSS FULL WIDTH OF ACCESS RAMP, BLENDED TRANSITION, OR FLUSH SURFACE, EXCLUDING SIDE FLARES.
- 2. DETECTABLE WARNING SURFACE IS TO BE PROVIDED AT FOLLOWING LOCATIONS:

ACCESS RAMPS, BLENDED TRANSITIONS AND FLUSH SURFACES AT PEDESTRIAN STREET CROSSINGS BOTH SIDES OF STREET MEDIANS AND PEDESTRIAN REFUGE ISLANDS, AND WHERE SIDEWALK IS MINIMUM 6 FEET LONG

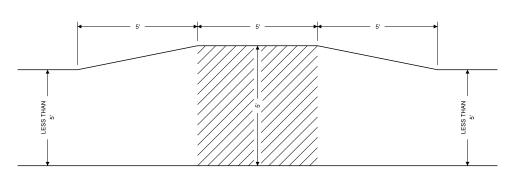
BOTH SIDES OF STREET INTERSECTION STYLE DRIVEWAY OPENING
BOTH SIDES OF DRIVEWAY OPENING THAT IS CONTROLLED BY STOP SIGN OR TRAFFIC SIGNAL

- 3. DETECTABLE WARNING SURFACE IS TO PROVIDE LIGHT-ON-DARK OR DARK-ON-LIGHT CONTRAST WITH SURROUNDING SURFACE. DEFAULT COLOR FOR DETECTABLE WARNING SURFACE IS #33538 TRAFFIC YELLOW, OTHER ACCEPTABLE COLORS FOR USE IN CONCRETE AREAS #20109 RED BROWN AND #36081 DARK GUNSHIP GRAY, IN ASPHALT AND OTHER SIMILAR DARK SURFACE AREAS #36495 LIGHT GRAY AND #37925 INSIGNIA WHITE; OR APPROVED EQUIVALENTS. COLORS ARE TO BE IN ACCORDANCE WITH FEDERAL STANDARD 595
- ROWS OF TRUNCATED DOMES ARE TO BE ALIGNED PERPENDICULAR OR RADIAL TO LOWER GRADE BREAK ON ACCESS RAMPS AND BLENDED TRANSITIONS WITH GRADE (RUNNING SLOPE) OF 5% OR GREATER. WHERE DETECTABLE WARNING DOMES ARE ARRAYED RADIALLY TRUNCATED DOMES MAY DIFFER IN DIAMETER AND CENTER-TO-CENTER SPACING. WHERE GRADE (RUNNING SLOPE) IS LESS THAN 5%, ORIENTATION IS LESS CRITICAL AND TRUNCATED DOMES MAY DIFFER FROM PERPENDICULAR OR RADIAL ALIGNMENT TO LOWER GRADE BREAK

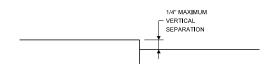
ELEMENT TOLERANCES					
ELEMENT	DESIGN AND FIELD LAYOUT	ACCESSIBILITY GUIDELINES AND WORK ACCEPTANCE			
SIDEWALK CROSS SLOPE	1.50% MAXIMUM	2% MAXIMUM			
TURNING SPACE CROSS SLOPE	1.50% MAXIMUM	2% MAXIMUM			
ACCESS RAMP CROSS SLOPE	1.50% MAXIMUM	2% MAXIMUM			
BLENDED TRANSITION CROSS SLOPE	1.50% MAXIMUM	2% MAXIMUM			
SIDE FLARE CROSS SLOPE (WHERE SIDE FLARE ENCROACHES INTO PAVED AREA)	9.50% MAXIMUM	10% MAXIMUM			
SIDE FLARE CROSS SLOPE (WHERE SIDE FLARE ABUTS LAWN AREA)	20% MAXIMUM	20% MAXIMUM			
ACCESS RAMP GRADE (RUNNING SLOPE)	7.50% MAXIMUM	8.30% MAXIMUM			
BLENDED TRANSITION GRADE (RUNNING SLOPE)	4.50% MAXIMUM	5% MAXIMUM			



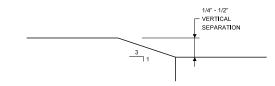
#### **SIDEWALK** ACCESSIBLE PASSING SPACE TWO SIDED TAPER



**SIDEWALK** ACCESSIBLE PASSING SPACE ONE SIDED TAPER



### MAXIMUM ACCEPTABLE **VERTICAL SURFACE SEPARATION**



**BEVELED VERTICAL SURFACE SEPARATION** 

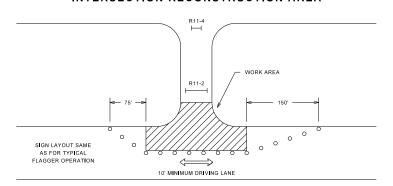
RAMF CITY L

KESIDEN II CULVER RD I

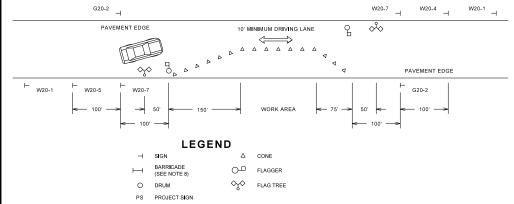
IIAL CURB EAST TO (

PEDESTRIAN ACCESSIBILITY GUIDELINES

#### TYPICAL SIGNING INTERSECTION RECONSTRUCTION AREA



#### TYPICAL FLAGGER OPERATION





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



ROAD WORK AHEAD W20-1

END

ROAD WORK

G20-2



SIDEWALK CLOSED

USE OTHER SIDE

SIDEWALK CLOSED

USE OTHER SIDE

R9-10

RIGHT LANE CLOSED AHEAD

W20-5

ROAD

**CLOSED** 

R11-2

W20-7

ROAD CLOSED

T0

THRU TRAFFIC

R11-4

10 CONTRACTOR IS TO CLOSELY COORDINATE ALL WORK IMPACTING SCHOOL PEDESTRIAN CONTRACTOR IS TO CLOSELY COORDINATE ALL WORK IMPACTING SCHOOL PEDESTRIAN TRAFFIC AND SCHOOL BY TARFIC 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, I-LAGGERIS), 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 PLANS TO STAY IN EFFECT FOR DUBLATION OF CONSTRUCTION OF PROJECT, UNLESS ORDERED OTHERWISE BY PROJECT MANAGER.

#### DRUM NOTES:

- CONTRACTOR IS REQUIRED TO PROVIDE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH PLANS, NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND NYSDOT SUPPLEMENT, NYSDOT WORK ZONE TRAFFIC CONTROL STANDARD SHEETS (US CUSTOMARY) LATEST EDITION, AND CITY OF ROCHESTER SPECIPICATIONS, ALL AS APPROVED BY MONROE COUNTY DIRECTOR OF TRANSPORTATION. REFERENCES TO "REGIONAL DIRECTOR" IN NYSDOT STANDARD SHEETS ARE TO BE INTERPRETED AS "CITY OF ROCHESTER".
- NO WORK IS TO OCCUR ON STREETS THAT ARE DESIGNATED AS ARTERIALS AND COLLECTORS DURINS PEAR RUSH HOURS OF 7AM TO 9AM AND 4PM TO 9FM, UNLESS SPECIFICALLY AUTHORIZED BY CITY FORDINEER. THESE STREETS ARE TO REMAIN OPEN AND FULLY ACCESSIBLE DURING AT ALL TIMES TO MAINTAIN ADEQUATE VEHICULAR TRAFFIC FLOW.
- 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. 6. TO MAINTAIN TRAFFIC IN TWO LANES WHEN CONTRACTOR IS NOT WORKING, ALL OPEN

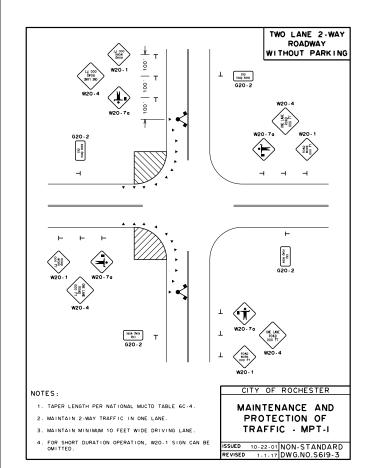
TRAFFIC CONTROL DEVICES

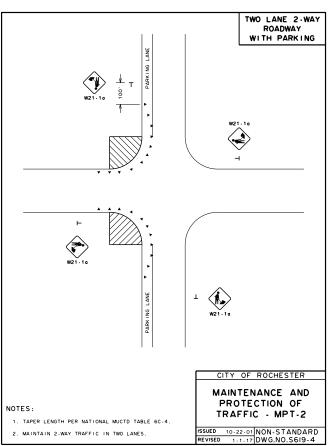
SIDEWALK

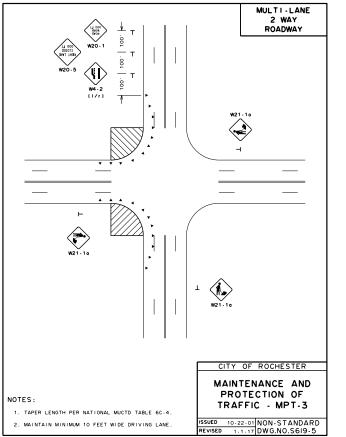
CLOSED

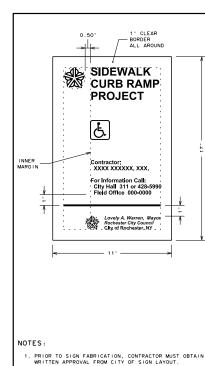
R9-9

- 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
- ALL EXISTING TRAFFIC AND PARKING SIGNS ARE TO BE MAINTAINED BY CONTRACTOR THROUGHOUT CONSTRUCTION OF PROJECT. CONTRACTOR 15 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 MODOT 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.









LAYOUT: CLEAR BORDER 1" ALL AROUND INNER MARGIN 0.50" BETWEEN UPPER CITY MARK AND TEXT "CONTRACTOR" AND "FOR INFORMATIC CALL" TEXT TO BE FLUSH WITH INNER MARGIN LOWER CITY MARK TO BE 1.25"
 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 LOWEL CITY MARK HANDICAP SYMBOL (IF REQUIRED) TO BE 1.75" HIGH AND FLUSH WITH INNER MARGIN LETTERS: PROJECT TITLE:
 SWISS 721 CONDENSED BOLD
 0.75" LETTERS INITIAL CAP
 0.375" LINE SPACING CONTRACTOR AND CONTRACTOR AND
FOR INFORMATION CALL:
SWISS 721 CONDENSED BOLD
0.375" LETTERS INITIAL CAP
0.1875" LINE SPACING

MAYOR'S SIGNATURE: SWISS 721 CONDENSED BOLD ITALIC 0.3125" LETTERS INITIAL CAP 0.15625" LINE SPACING

ROCHESTER CITY COUNCIL:
 SWISS 721 CONDENSED BOLD ITALIC
 0.28125" LETTERS INITIAL CAP
 0.15625" LINE SPACING

CITY OF ROCHESTER:
 SWISS 721 CONDENSED BOLD
 O.3125" LETTERS INITIAL CAP

CITY OF ROCHESTER

PROJECT SIGN

. BOTTOM OF SIGN BOARD IS TO BE POSTED MINIMUM OF 5 FEET ABOVE GROUND.

 CITY MARK AND ALL TEXT TO BE COLORED TO MATCH PM COLOR 287C BLUE. 5. LINE TO BE 6 POINT RULE

. BOARD TO BE 11 INCH x 17 INCH WHITE POSTER BOARD OR OTHER CARDBOARD TYPE MATERIAL SUITABLE FOR OUTDOOR ALL WEATHER LIFE SPAN OF 2 WEEKS.

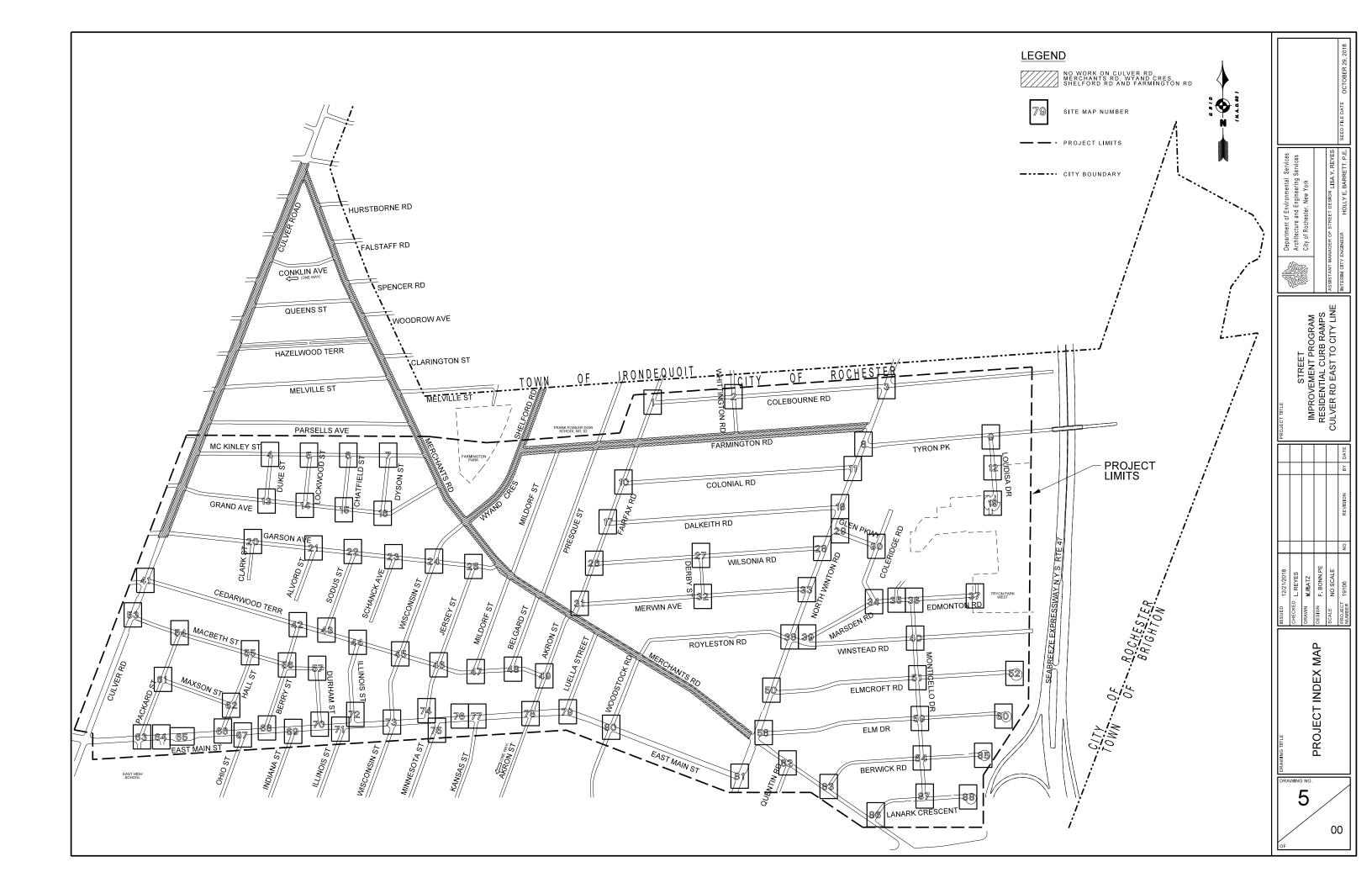
II INCH x 17 INCH

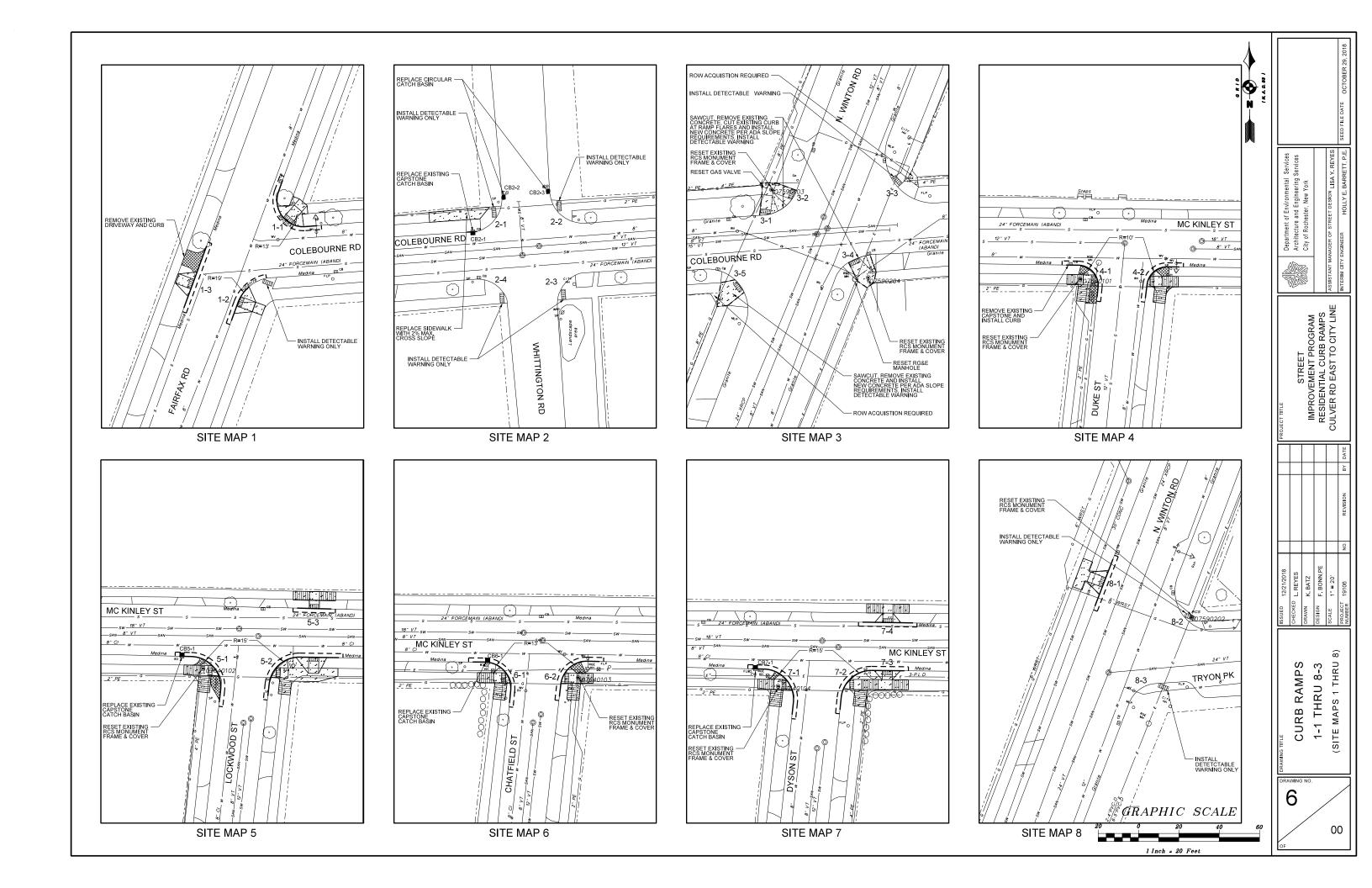
ISSUED 5-7-01 NON-STANDARD REVISED 1-1-14 DWG.NO.S999-3

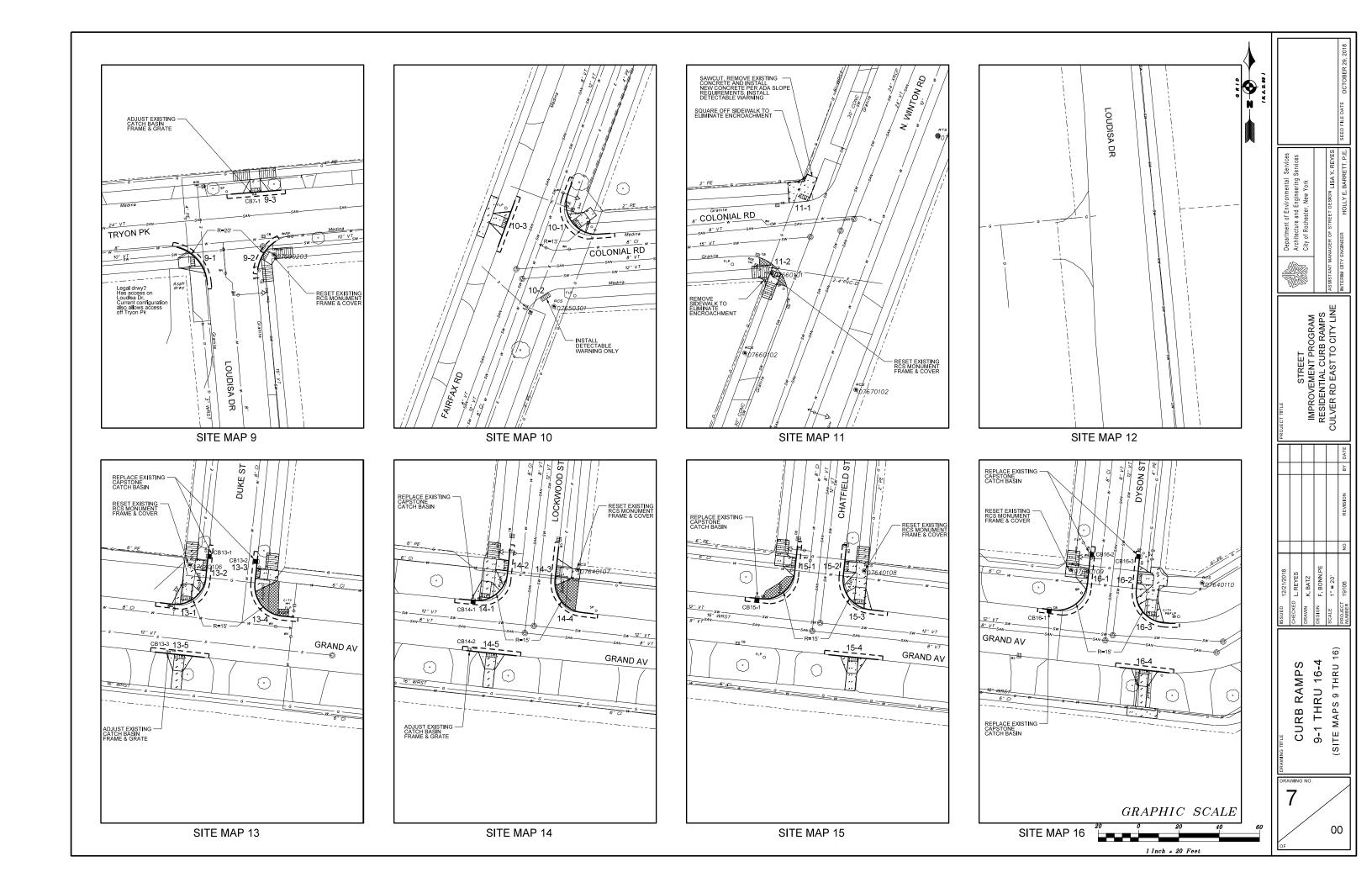
STREET EMENT PROGRAM TIAL CURB RAMPS DEAST TO CITY LINE

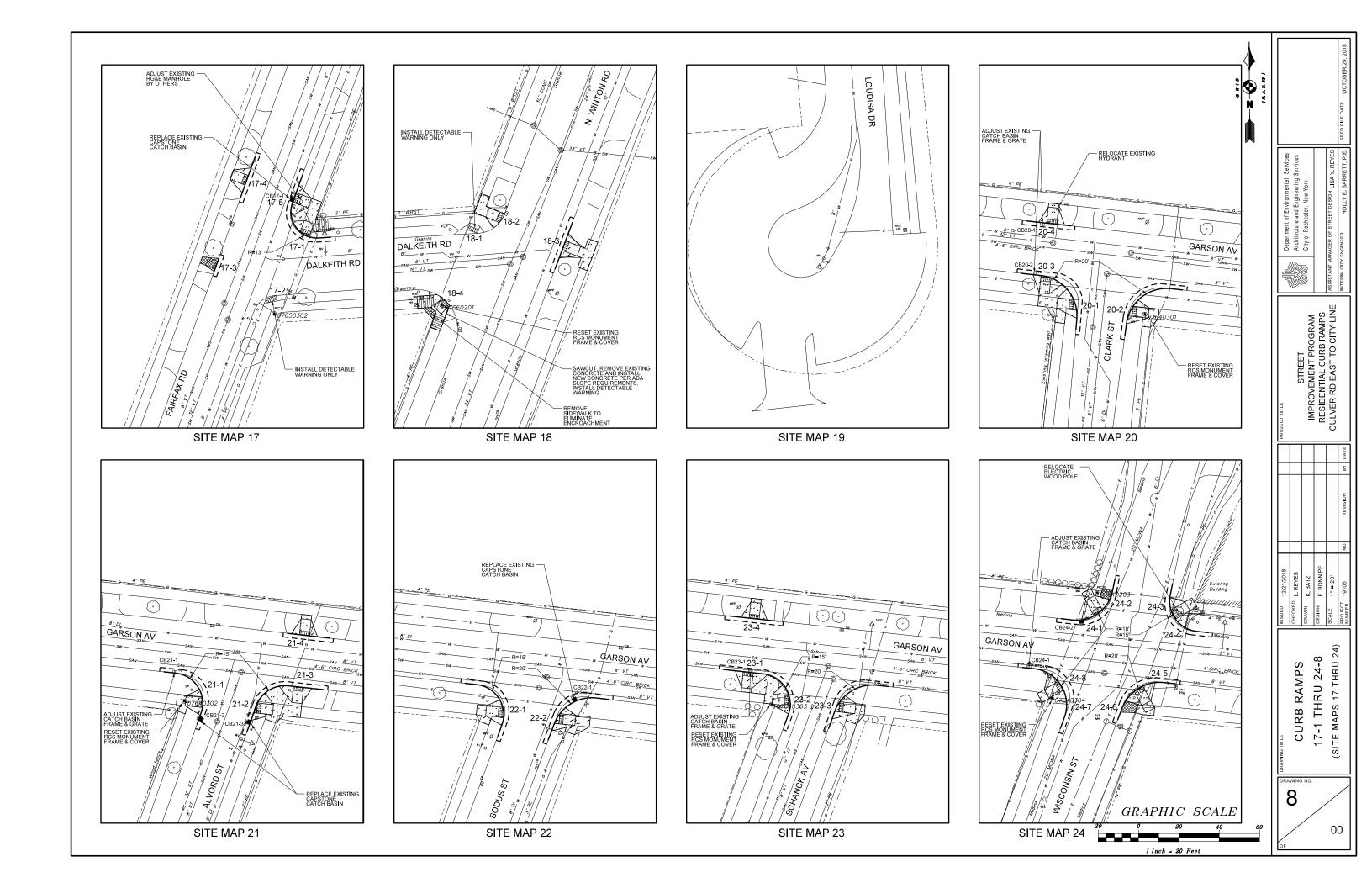
IMPROVEN RESIDENTI, CULVER RD E

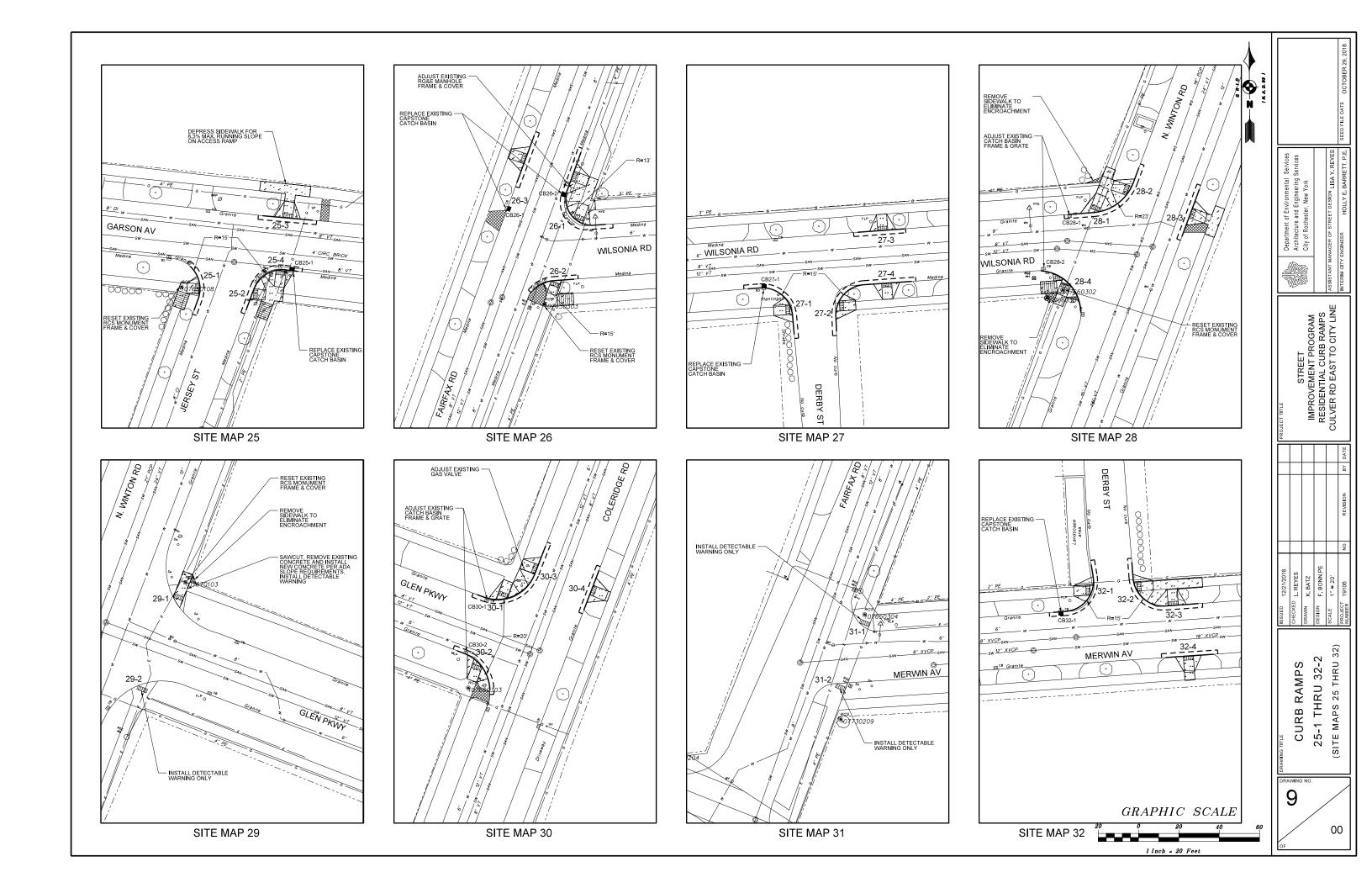
MAINTENANCE AND PROTECTION OF TRAFFIC

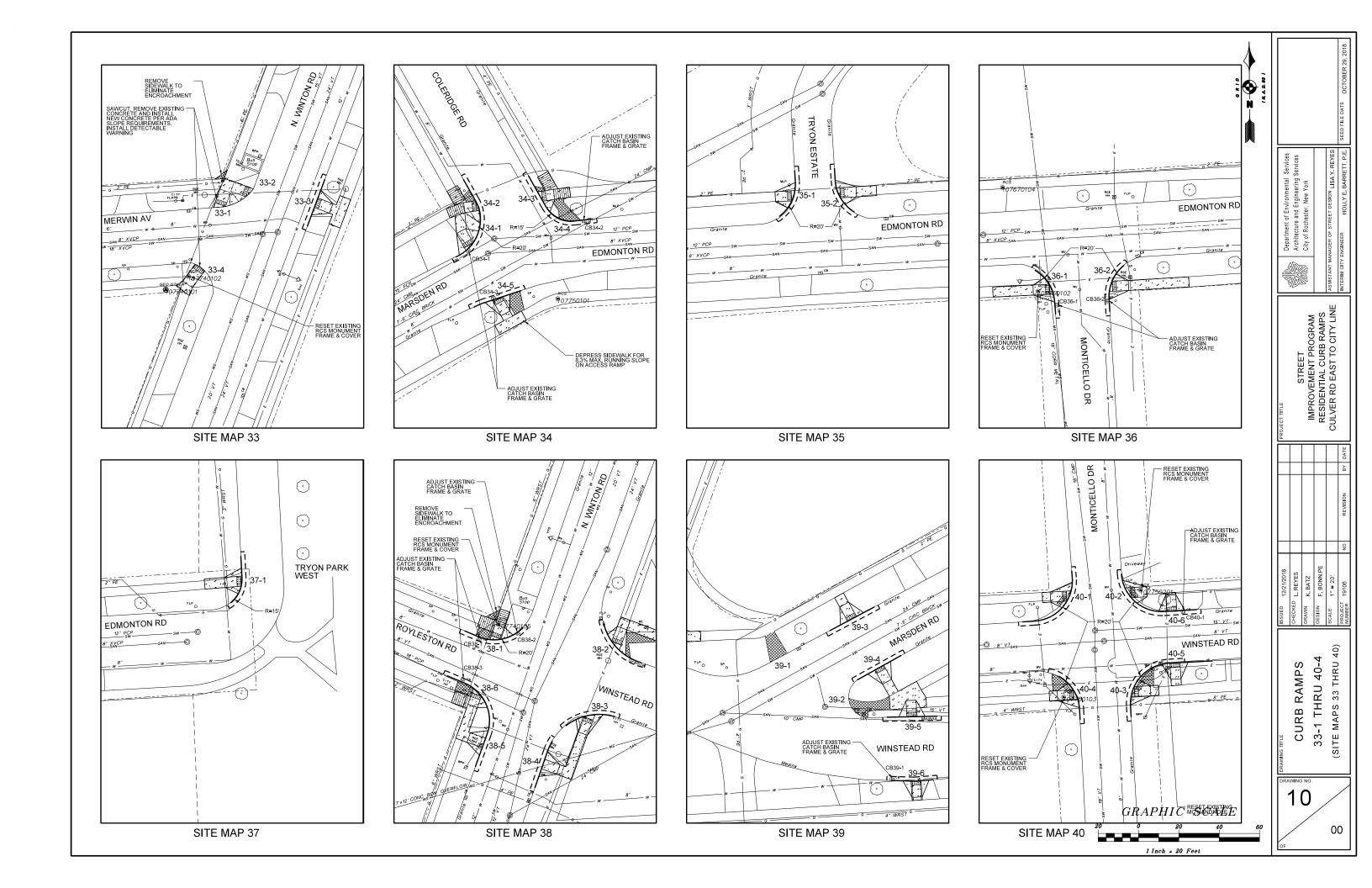


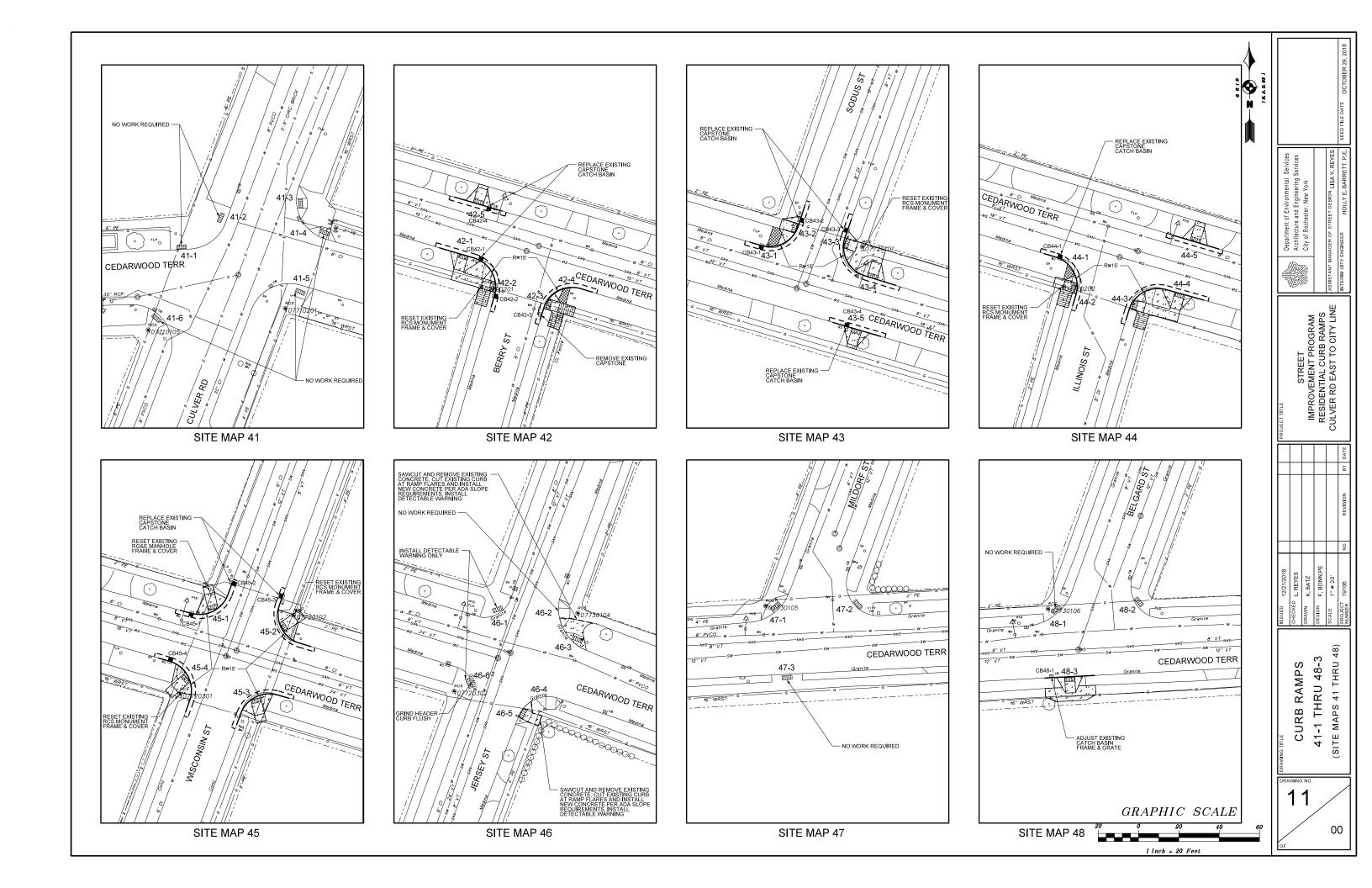


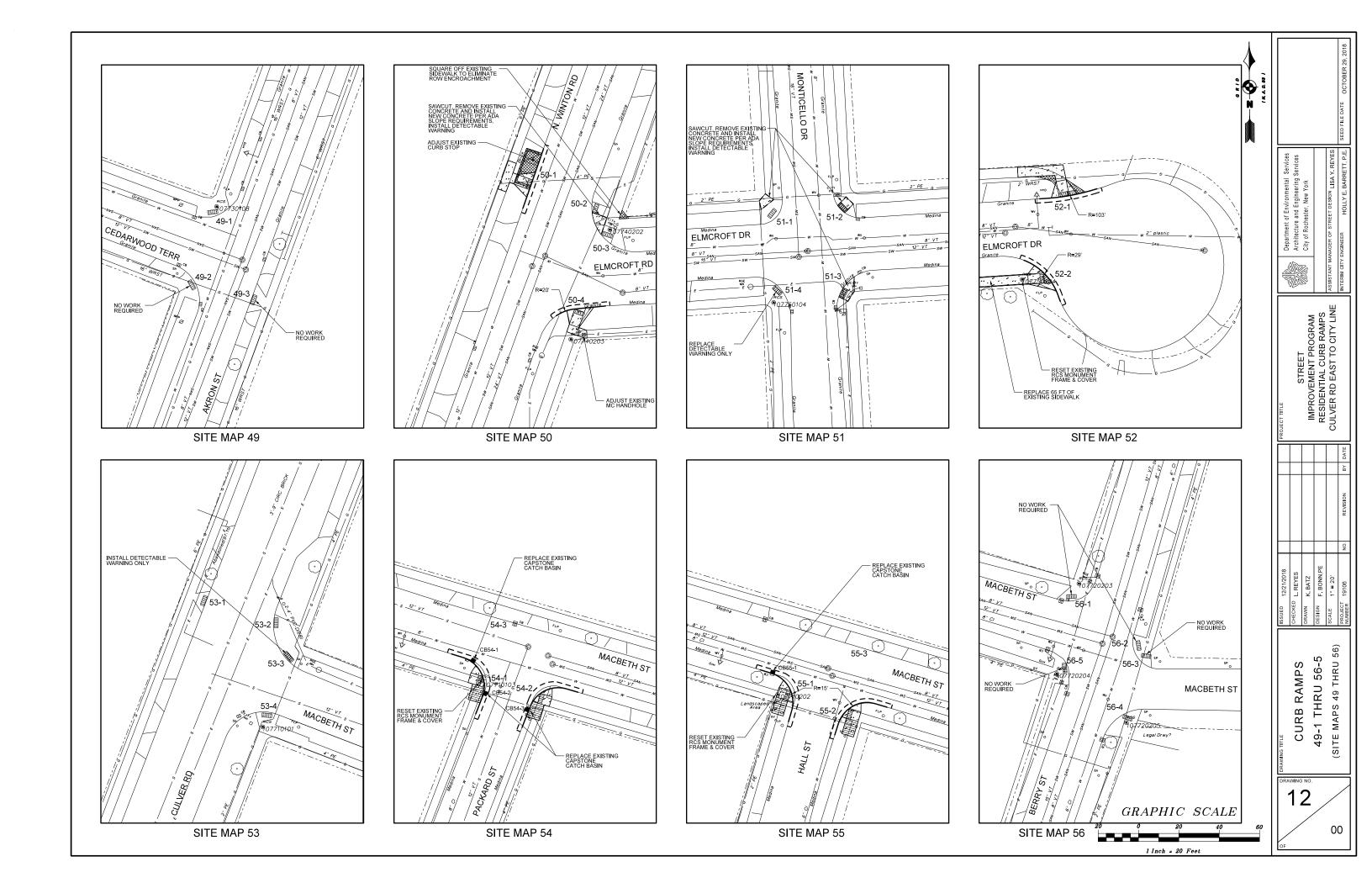


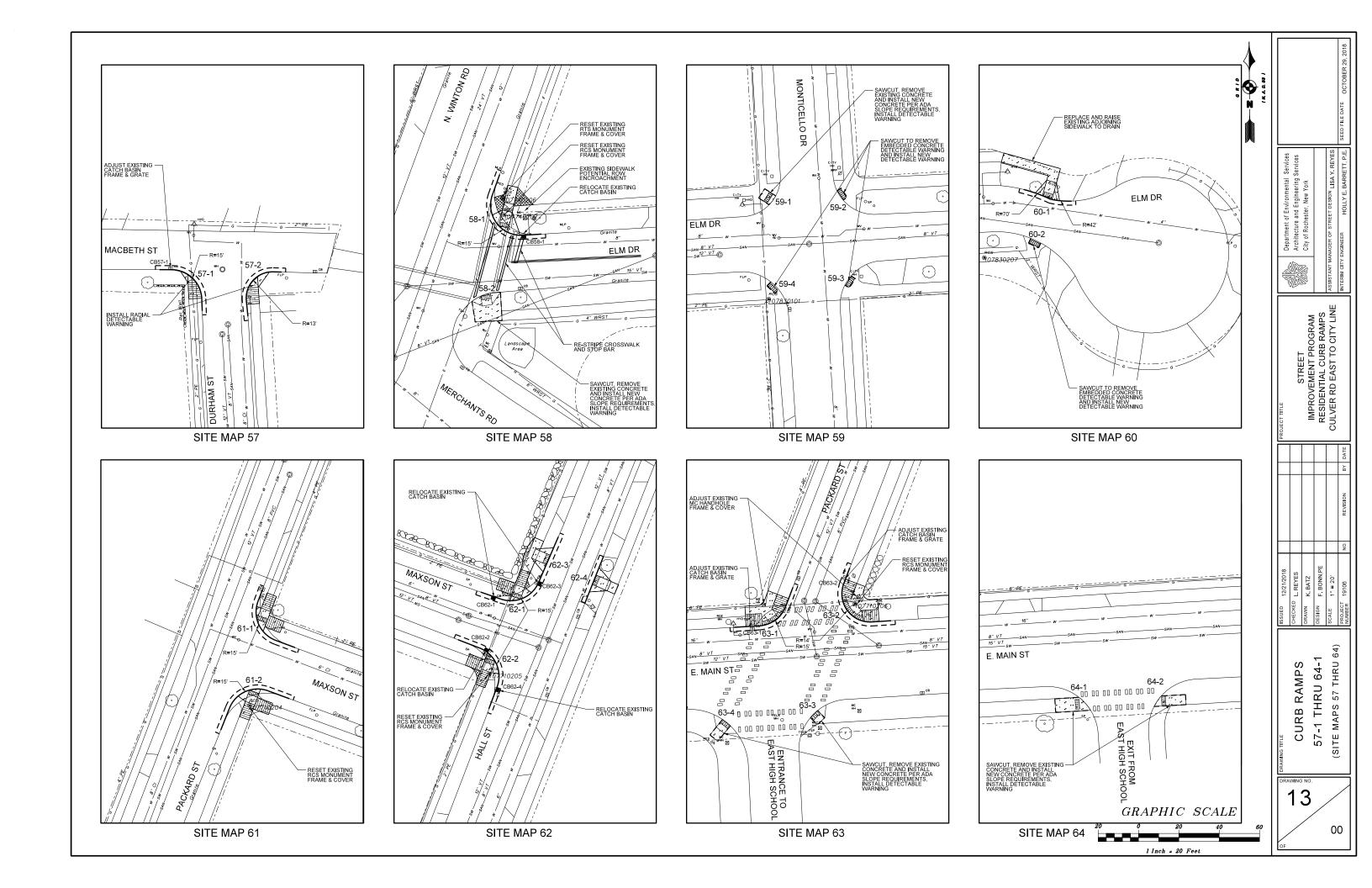


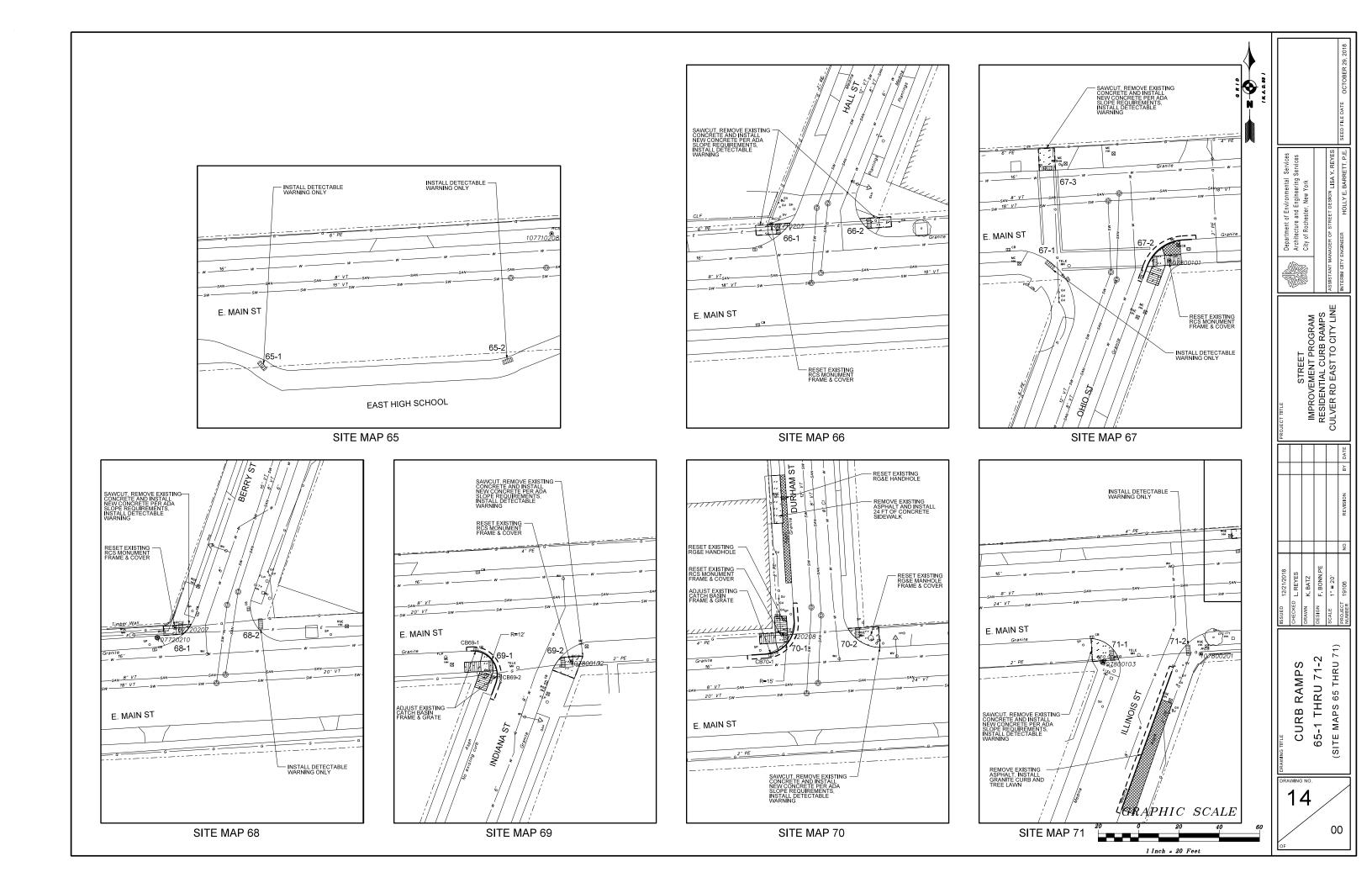


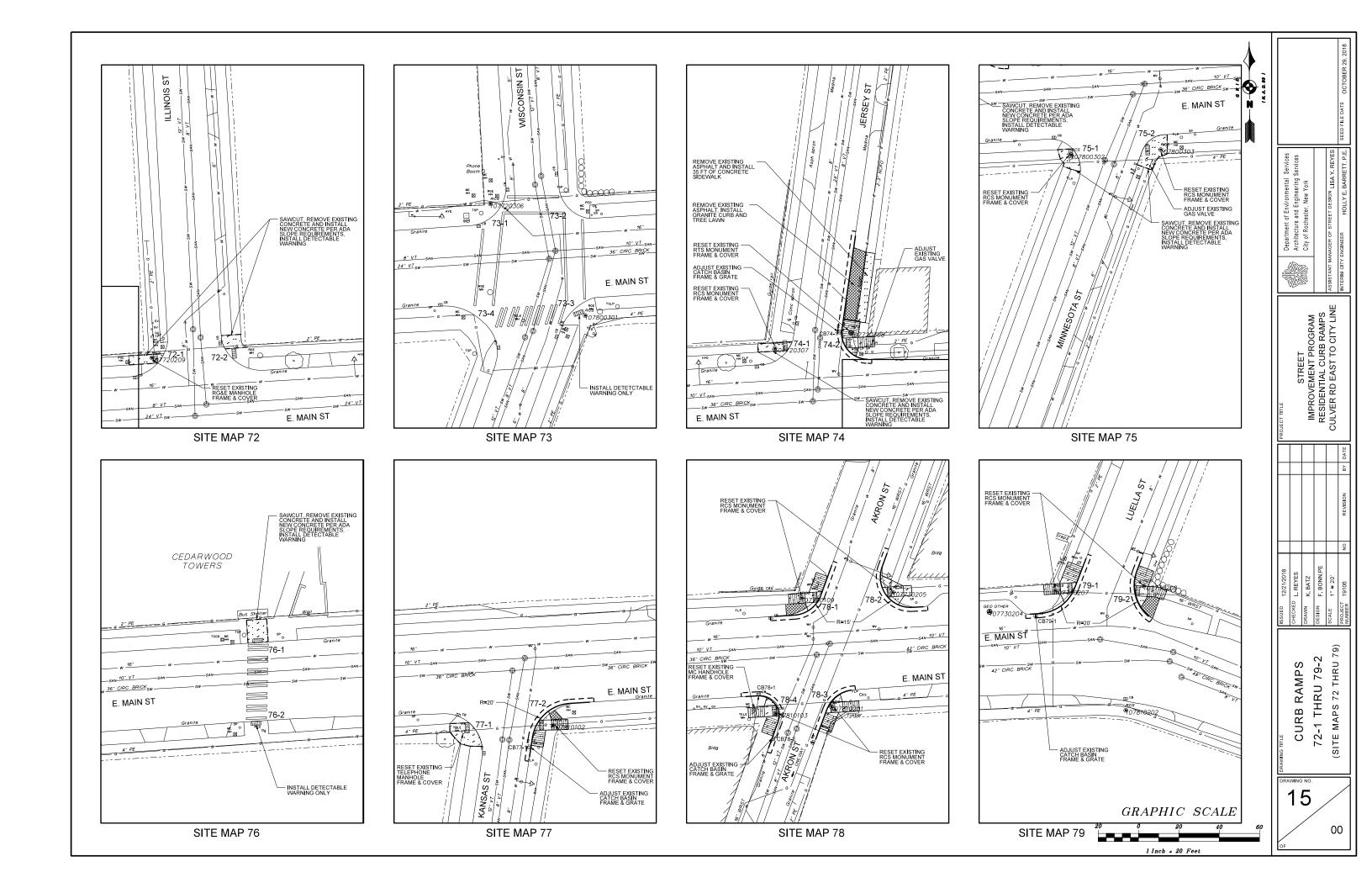


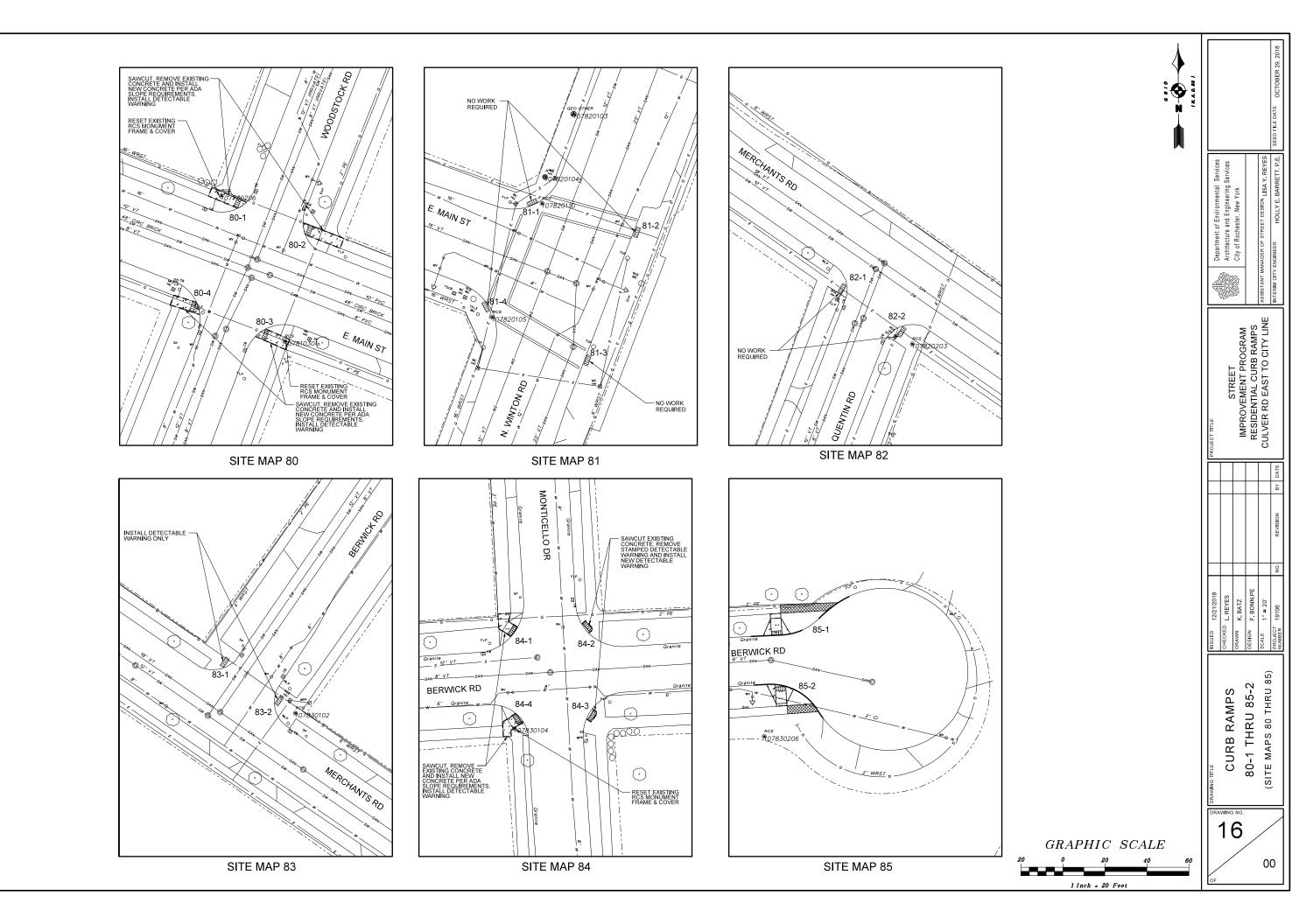


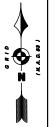


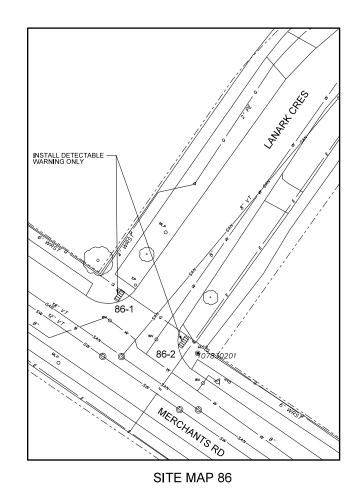


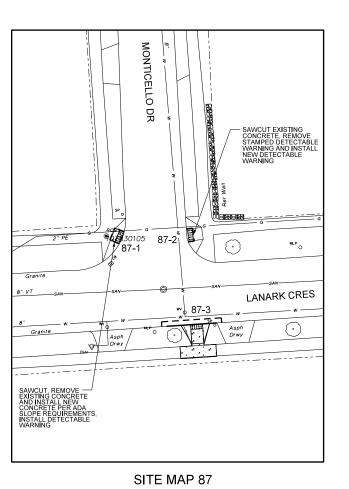


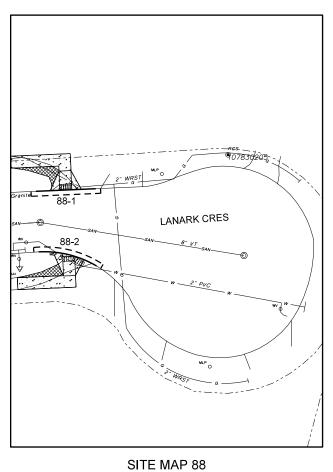












GRAPHIC SCALE

20 0 20 40 60

1 Inch = 20 Feet

L CURB RAMPS
CURB RAMPS
86-1 THRU 88-2
(SITE MAPS 86 THRU 88)

STREET
IMPROVEMENT PROGRAM
RESIDENTIAL CURB RAMPS
CULVER RD EAST TO CITY LINE

MON	MONUMENTS							
SITE MAP NUMBER	TYPE AND NUMBER	QUADRANT	MAIN STREET	INTERSECTING STREET	DISPOSITION	ITEM NUMBER		
3	RCS 107590103	NW	N.WINTON	COLEBOURNE	RESET EXISTING MONUMENT FRAME AND COVER			
3	RCS 107590204	SE	N.WINTON	COLEBOURNE	RESET EXISTING MONUMENT FRAME AND COVER			
5	RCS 107640101 RCS 107640102	sw	DUKE	MC KINLEY MC KINLEY	RESET EXISTING MONUMENT FRAME AND COVER RESET EXISTING MONUMENT FRAME AND COVER	<del> </del>		
6	RCS 107640103	SE	CHATFIELD	MC KINLEY	RESET EXISTING MONUMENT FRAME AND COVER			
7	RCS 107640104	sw	DYSON	MC KINLEY	RESET EXISTING MONUMENT FRAME AND COVER			
8	RCS 107590202	NW	N.WINTON	TRYON	RESET EXISTING MONUMENT FRAME AND COVER			
9	RCS 107590203	SE	LOUDISA	TRYON	RESET EXISTING MONUMENT FRAME AND COVER			
10	RCS 107650301 RTS 107670101	SE E	FAIRFAX	COLONIAL	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
11	RCS 107660101	SW	N.WINTON N.WINTON	COLONIAL	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT RESET EXISTING MONUMENT FRAME AND COVER			
11	RCS 107660102	w	N.WINTON	COLONIAL	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
11	RCS 107670102	E	N.WINTON	COLONIAL	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT			
13	RCS 107640106	NW	DUKE	GRAND	RESET EXISTING MONUMENT FRAME AND COVER			
14	RCS 107640107	NE.	LOCKWOOD	GRAND	RESET EXISTING MONUMENT FRAME AND COVER			
15	RCS 107640108	NE NW	CHATFIELD	GRAND	RESET EXISTING MONUMENT FRAME AND COVER			
16	RCS 107640109 RCS 107640110	NE NE	DYSON	GRAND GRAND	RESET EXISTING MONUMENT FRAME AND COVER  EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
17	RCS 107650302	SE	FAIRFAX	DALKEITH	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
18	RCS 107660201	sw	N.WINTON	DALKEITH	RESET EXISTING MONUMENT FRAME AND COVER			
20	RCS 107640301	SE	CLARK	GARSON	RESET EXISTING MONUMENT FRAME AND COVER			
21	RCS 107640302	SW	ALVORD	GARSON	RESET EXISTING MONUMENT FRAME AND COVER			
23	RCS 107640303 RCS 107640203	SW	SCHANCK	GARSON GARSON	RESET EXISTING MONUMENT FRAME AND COVER			
24	RCS 107640304	SW	WISCONSIN	GARSON	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT RESET EXISTING MONUMENT FRAME AND COVER			
25	RCS 107650108	sw	JERSEY	GARSON	RESET EXISTING MONUMENT FRAME AND COVER			
26	RCS 107650303	SE	FAIRFAX	WILSONIA	RESET EXISTING MONUMENT FRAME AND COVER			
28	GEO OTHER 107660301	SW	N.WINTON	WILSONIA	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
28	RCS 107660302	SW	N.WINTON	WILSONIA	RESET EXISTING MONUMENT FRAME AND COVER			
29 30	RSC 107670103 RCS 107660303	NE SW	N.WINTON COLERIDGE	GLEN PKWY GLEN PKWY	RESET EXISTING MONUMENT FRAME AND COVER  EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
31	RCS 107650304	NE NE	FAIRFAX	MERWIN	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
31	RCS 107730209	SE	FAIRFAX	MERWIN	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
33	RCS 107740102	SW	N.WINTON	MERWIN	RESET EXISTING MONUMENT FRAME AND COVER			
33	GEO OTHER 107740101	sw	N.WINTON	MERWIN	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
34	RCS 107750101	SE W	EDMONTON	COLERIDGE	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT			
36 36	RCS 107670104 RCS 107750102	SW	MONTICELLO MONTICELLO	EDMONTON EDMONTON	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT RESÈT EXISTING MONUMENT FRAME AND COVER			
38	RCS 107740105	NW	N.WINTON	ROYLESTON	RESET EXISTING MONUMENT FRAME AND COVER			
38	RCS 107740201	SE	N.WINTON	WINSTEAD	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
40	RCS 107750103	sw	MONTICELLO	WINSTEAD	RESET EXISTING MONUMENT FRAME AND COVER			
40	RCS 107750201	NE	MONTICELLO	WINSTEAD	RESET EXISTING MONUMENT FRAME AND COVER			
41	RCS 107710105	SW	CULVER	CEDARWOOD	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
41	RCS 107710201 RCS 107720201	SE SW	CULVER	CEDARWOOD CEDARWOOD	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT RESET EXISTING MONUMENT FRAME AND COVER			
43	RCS 107720101	NE NE	CEDARWOOD	SODUS	RESET EXISTING MONUMENT FRAME AND COVER			
44	RCS 107720202	sw	ILLINOIS	CEDARWOOD	RESET EXISTING MONUMENT FRAME AND COVER	·· ·· ••		
45	RCS 107720301	sw	WISCONSIN	CEDARWOOD	RESET EXISTING MONUMENT FRAME AND COVER			
	RCS 107720102	NE	WISCONSIN	CEDARWOOD	RESET EXISTING MONUMENT FRAME AND COVER			
	RCS 107720302	SW	JERSEY	CEDARWOOD	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT			
46 47	RCS 107730104 RCS 107730105	NW NE	JERSEY MILDORF	CEDARWOOD CEDARWOOD	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
48	RCS 107730106	NW	BELGARD	CEDARWOOD	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
48	RCS 107730107	N	BELGARD	CEDARWOOD	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED, PROTECT			
49	RCS 107730108	NW	AKRON	CEDARWOOD	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT			
50	RCS 107740202	NE	N.WINTON	ELMCROFT	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT			
50 51	RCS 107740203	SE	N.WINTON	ELMCROFT	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
51 52	RCS 107750104 RCS 107750204	sw s	MONTICELLO	ELMCROFT ELMCROFT	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT RESET EXISTING MONUMENT FRAME AND COVER			
_	RCS 107710101	SE	CULVER	MACBETH	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED, PROTECT			
	RCS 107710103	s	PACKARD	MACBETH	RESET EXISTING MONUMENT FRAME AND COVER			
55	RCS 107710202	SW	HALL	MACBETH	RESET EXISTING MONUMENT FRAME AND COVER			
56	RCS 107720203	NW	BERRY	MACBETH	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
56	RCS 107720204	SW	BERRY	MACBETH	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
56 58	RCS 107720205 RTS 107740206	SE NE	N.WINTON	MACBETH ELM	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT RESET EXISTING MONUMENT FRAME AND COVER			
58	RCS 107740207	NE	N.WINTON	ELM	RESET EXISTING MONUMENT FRAME AND COVER			
	RCS 107830101	SW	MONTICELLO DR	ELM	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
	RCS 107830207	S	ELM	ELM	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT			
	RCS 107710204	SE	PACKARD	MAXSON	RESET EXISTING MONUMENT FRAME AND COVER			
	RCS 107710205	sw	HALL	MAXSON	RESET EXISTING MONUMENT FRAME AND COVER			
	RCS 107710206	NE NE	PACKARD	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER			
	RCS 107710208 RCS 107710207	N NW	E.MAIN HALL	E.MAIN	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
	RCS 107710207	SE	OHIO	E.MAIN E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER RESET EXISTING MONUMENT FRAME AND COVER			
	RCS 107720207	NW	BERRY	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER			
	RTS 107720210	NW	BERRY	E.MAIN	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT			
	RTS 107800102	SE	INDIANA	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER			
70	RCS 107720208	NW	DURHAM	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER			

SITE MAP NUMBER		QUADRANT	MAIN STREET	INTERSECTING STREET	DISPOSITION	ITEM NUMBER
71	GEO OTHER 107800103	sw	ILLINOIS	E.MAIN	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT	
71	RCS 107800201	SE	ILLINOIS	E.MAIN	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT	
72	RCS 107720209	NW	ILLINOIS	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
73	RCS 107720306	NW	WISCONSIN	E.MAIN	,	
73	RCS 107800301	SE	WISCONSIN	E.MAIN		
74	RCS 107720307	NW	JERSEY	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
74	RTS 107720308	NE	JERSEY	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
75	RCS 107800302	SW	MINNESOTA	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
75	RCS 107800303	SE	MINNESOTA	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
77	RCS 107810102	SE	KANSAS	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
78	RCS 107730109	NW	AKRON	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
78	RCS 107730205	NE	AKRON	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
78	RCS 107810103	sw	AKRON	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
78	RCS 107810201	SE	AKRON	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
79	RCS 107730207	NW	LUELLA	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
79	RCS 107730208	NE	LUELLA	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
79	RCS 107810202	SE	LUELLA	E.MAIN	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT	
80	RCS 107730206	NW	WOODSTOCK	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
80	RCS 107810301	SE	WOODSTOCK	E.MAIN	RESET EXISTING MONUMENT FRAME AND COVER	
81	RCS 107820110	NW	N.WINTON	E.MAIN	· · · · · · · · · · · · · · · · · · ·	
81	RCS 107820105	sw	N.WINTON	E.MAIN		
81	RTS 107820104	NW	N.WINTON	E.MAIN		
81	GEO107820103	NW	N.WINTON	E.MAIN		
82	RCS 107820203	SE	QUENTIN	MERCHANTS		
83	RCS 107830102	SE	BERWICK	MERCHANTS		
84	RCS 107830104	SW	MONTICELLO	BERWICK	RESET EXISTING MONUMENT FRAME AND COVER	
85	RCS 107830206	w	BERWICK	BERWICK	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT	
86	RCS 107830201	NE	LANARK	MERCHANTS		
87	RCS 107830105	NW	MONTICELLO	LANARK	EXISTING MONUMENT TO REMAIN. NO WORK ANTICIPATED. PROTECT	
88	RCS 107830205	N	LANARK	LANARK	EXISTING MONUMENT TO REMAIN, NO WORK ANTICIPATED, PROTECT	-

ITEM NUMBERS: S626.02 - HORIZONTAL CONTROL SURVEY MONUMENT

S626.04 - VERTICAL ADJUSTMENT OF EXISTING SURVEY MONUMENT

S626.05 - REMOVE EXISTING SURVEY MONUMENT

S626.06 - INSTALL NEW MONUMENT FRAME AND COVER

S626.07 - RESET EXISTING MONUMENT FRAME AND COVER

S626.07 - RESET EXISTING MONUMENT FRAME AND COVER

S626.10 - REPLACE EXISTING SURVEY MONUMENT WITH NEW HORIZONTAL CONTROL SURVEY MONUMENT (RCS)

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TABLES

CATCH BASINS					
CATCH BASIN NUMBER	STREET	INTERSECTING STREET	DISPOSITION	ITEM NUMBER	
CB2-1	COLEBOURNE	WHITTINGTON	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.3701	
CB2-2	COLEBOURNE	WHITTINGTON	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608, S604.3701	
CB2-3	COLEBOURNE	WHITTINGTON	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	\$601.2608 \$604.3701	
CB5-1	MC KINLEY	LOCKWOOD	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608, S604.3701	
CB6-1	MC KINLEY	CHATFIELD	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608. S604.3701	
CB7-1	MC KINLEY	DYSON	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	\$601.2608 \$604.3701	
CB13-1	GRAND	DUKE	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.3701	
CB13-2	GRAND	DUKE	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	\$601.2608 \$604.3701	
CB13-3	GRAND	DUKE	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004 S604.53	
CB14-1	GRAND	LOCKWOOD	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.3701	
CB14-2	GRAND	LOCKWOOD	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	\$604.5004	
CB15-1	GRAND	CHATFIELD	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	\$604.53 \$601.2608 \$604.3701	
CB16-1	GRAND	DYSON	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.3701	
CB16-2	GRAND	DYSON	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.3701	
CB16-3	GRAND	DYSON	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	\$601.2608 \$604.3701	
CB17-1	FAIRFAX	DALKEITH	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	\$601.2608, \$604.3701	
CB20-1	GARSON	CLARK	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004 S604.53	
CB20-2	GARSON	CLARK	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004, S604.53	
CB21-1	GARSON	ALVORD	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004 S604.53	
CB21-2	GARSON	ALVORD	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608, S604.3701	
CB21-3	GARSON	ALVORD	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608, S604.3701	
CB22-1	GARSON	SODUS	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608, S604.3701	
CB23-1	GARSON	SCHANCK	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608, S604.3701	
CB24-1	GARSON	WISCONSIN	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004, S604.53	
CB24-2	GARSON	WISCONSIN	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608, S604.3701	
CB25-1	GARSON	JERSEY	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STANLESS STEEL. SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	\$601.2608, \$604.3701	
CB26-1	FAIRFAX	WILSONIA	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STANLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	\$601.2608, \$604.3701	
CB26-2	FAIRFAX	WILSONIA	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	\$601.2608, \$604.3701	

CB27-1	WILSONIA	DERBY	EXISTING LATERAL PPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PPE.	S601.2608 S604.3701
CB28-1	N. WINTON	WILSONIA	ADJUST EXISTING CATCH BASIN FRAME AND GRATE, CLEAN EXISTING CATCH BASIN AND LATERAL PIPE.	S604.5004 S604.53
CB28-2	N. WINTON	WILSONIA	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PIPE.	S604.5004 S604.53
CB30-1	GLEN	COLERIDGE	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL	\$604.5004
CB30-2	GLEN	COLERIDGE	PIPE.  ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL	S604.53 S604.5004
CB32-1	MERWIN	DERBY	PIPE.  REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN	\$604.53 \$601.2608 \$604.3701
CB34-1	MARSDEN	COLERIDGE	EXISTING LATERAL PIPE.  ADJUST EXISTING CATCH BASIN FRAME AND GRATE, CLEAN EXISTING CATCH BASIN AND LATERAL	\$604.5004
CB34-2	EDMONTON	COLERIDGE	PIPE.  ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL	S604.53 S604.5004
CB34-3	MARSDEN	COLERIDGE	PIPE.  ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL	S604.53 S604.5004
CB36-1	MONTICELLO	EDMONTON	PIPE. ADJUST EXISTING CATCH BASIN FRAME AND GRATE, CLEAN EXISTING CATCH BASIN AND LATERAL	S604.53 S604.5004
CB36-2	MONTICELLO	EDMONTON	PIPE. ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL	S604.53 S604.5004
CB38-1	N. WINTON	ROYLESTON	PIPE.  ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL	S604.53 S604.5004
CB38-2	N. WINTON	ROYLESTON	PIPE.  ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL	S604.53 S604.5004
CB38-3	N. WINTON	ROYLESTON	PIPE.  ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL	S604.53 S604.5004
CB39-1	WINSTEAD	MARSDEN	PIPE.  ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL	S604.53 S604.5004
	1		PIPE.  ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL	S604.5004
CB40-1	WINSTEAD	MONTICELLO	PIPE.  REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO	S604.53
CB42-1	CEDARWOOD	BERRY	EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	\$601.2608 \$604.370
CB42-2	BERRY	CEDARWOOD	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STANLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.370
CB42-3	BERRY	CEDARWOOD	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PIPE.	S604.5004 S604.53
CB42-4	CEDARWOOD	BERRY	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.370
CB43-1	CEDARWOOD	SODUS	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S6 <b>6</b> 4.370
CB43-2	sodus	CEDARWOOD	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.370
CB43-3	sodus	CEDARWOOD	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.370
CB43-4	CEDARWOOD	SODUS	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STANLESS STEEL SHEAR RING AND STANLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PPE.	S601.2608 S604.370
CB44-1	CEDARWOOD	LLINOIS	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.3701
CB45-1	CEDARWOOD	WISCONSIN	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.3701
CB45-2	WISCONSIN	CEDARWOOD	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.3701
CB45-3	WISCONSIN	CEDARWOOD	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.3701
CB45-4	CEDARWOOD	WISCONSIN	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	\$601,2608 \$604,3701
CB54-1	MACBETH	PACKARD	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608 S604.3701
CB54-2	MACBETH	PACKARD	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	\$601.2608, \$604.3701
CB54-3	MACBETH	PACKARD	EMBINS ENTER PPE.  REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608, S604.3701
CB55-1	MACBETH	HALL	EMOVING EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STANLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN	S601.2608, S604.3701
	,		EXISTING LATERAL PIPE.	



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CB58-1	ELM	N. WINTON	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608, S604.3701
CB62-1	MAXSON	HALL	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	\$601.2608, \$604.3701
CB62-2	MAXSON	HALL	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608, S604.3701
CB62-3	MAXSON	HALL	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608, S604.3701
CB62-4	MAXSON	HALL	REMOVE EXISTING CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXISTING LATERAL PIPE.	S601.2608, S604.3701
CB63-1	E. MAIN	PACKARD	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004, S604.53
CB63-2	PACKARD	E. MAIN	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004, S604.53
CB69-1	E. MAIN	INDIANA	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004, S604.53
CB69-2	INDIANA	E. MAIN	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004 S604.53
CB70-1	E. MAIN	DURHAM	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004, S604.53
CB74-1	JERSEY	E. MAIN	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004, S604.53
CB77-1	KANSAS	E. MAIN	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004, S604.53
CB78-1	E. MAIN	AKRON	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004, S604.53
CB78-2	AKRON	E. MAIN	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004, S604.53
CB79-1	E. MAIN	LUELLA	ADJUST EXISTING CATCH BASIN FRAME AND GRATE. CLEAN EXISTING CATCH BASIN AND LATERAL PPE.	S604.5004 S604.53

ITEM NUBERS:
S601.2608 - 8" POLYMNYL CHLORIDE LATERAL PIPE, SDR-21-INSTALLED (INCLUDING LATERAL CONNECTION)

(INCLUDING EXCAVATION, BACKFILL & PAVEMENT BASE RESTORATION)

S604.3701 - TYPE B CATCH BASIN - INSTALLED (INCLUDING EXCAVATION, BACKFILL & PAVEMENT BASE RESTORATION)

S604.5004 - ADJUST EXISTING CATCH BASIN FRAME AND GRATE (INCLUDING EXCAVATION, BACKFLL & PAVEMENT BASE RESTORATION)

S604.53 - CLEAN EXISTING CATCH BASIN AND LATERAL PIPE

