

**GENERAL NOTES**

- CONTRACTOR MUST MAINTAIN A SAFE WALKWAY FOR PEDESTRIAN TRAVELING THROUGH THE WORK ZONE.
- INGRESS AND EGRESS TO DRIVEWAYS TO BE MAINTAINED WHEN PRACTICAL FOR CONSTRUCTION.
- DEO CONTRACTOR IS TO FOLLOW PCB PIPELINE GUIDELINES:
- PCB ZONE IS RED:
  - ABANDONED PIPE > 4IN WILL REQUIRE A SWIPE TEST. GROUT MAY BE REQUIRED. IF REQUIRED, GROUT TO BE SUPPLIED BY CONTRACTOR AT NO ADDITIONAL COST TO DEO.
  - ABANDONED PIPE = OR < 4IN WILL BE GROUTED.
  - REMOVED PIPE TO BE PURGED, CAPPED AND TRANSPORTED TO LOCAL SHOP SMELT BOX.
- ALL PAVEMENT OPENINGS TO BE RESTORED PER CITY OF CLEVELAND REQUIREMENTS (SEE DETAILS).
- ALL RESTORATION MUST BE COMPLETED IMMEDIATELY AFTER GAS MAIN INSTALLATION.
- CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY RESTORATION AND ITS MAINTENANCE UNTIL FINAL RESTORATION IS COMPLETE.
- CONTRACTOR MUST CALL OUPS AT LEAST TWO (2) WORKING DAYS BEFORE STARTING WORK.
- ONE LANE OF TRAFFIC MUST BE MAINTAINED IN BOTH DIRECTIONS DURING NON-CONSTRUCTION HOURS.
- SUPPORTING OF EXISTING UTILITY POLES DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING MAKING THE ARRANGEMENTS WITH THE 3RD PARTY TO COORDINATE THE WORK.
- CONTRACTOR TO GAUGE LINES AND USE DOUBLE BYPASSES AS REQUIRED.
- CONTRACTOR SHALL ADHERE TO ALL ASPECTS OF THE DEO CORROSION POLICY WHEN WORKING ON STEEL MAINS AND SERVICES.
- ALL ABANDONED STEEL PIPE TO BE PURGED PER DOMINION SOP.
- CONTRACTOR TO PRESSURE TEST PIPE PER DOMINION SOP.
- CONTRACTOR IS RESPONSIBLE TO RESTORE JOB SITE TO ORIGINAL CONDITION.
- IF ENCOUNTERED WITHIN LIMITS, ALL HANDICAPPED/ADA EFFECTED ACCESS LOCATIONS ARE TO BE RESTORED TO CITY OF CLEVELAND SPECS.
- MATERIALS SHALL AT ALL TIMES BE PROTECTED FROM DAMAGE BY THE CONTRACTOR.
- USE PERIMETER FILTER FABRIC TO PROTECT THE FOLLOWING ITEMS FROM SHEET FLOW RUNOFF, WATER BODIES, WETLANDS OR OTHER SIGNIFICANT ITEMS SHOWN ON THE PLANS. (REFER TO SWPPP)
- CONTRACTOR WILL BE REQUIRED TO SIGN AND MAINTAIN STIPULATIONS IN DEO PROVIDED SWPPP.
- ALL CONDITIONS SET FORTH IN ATTACHMENT 2A IN RFP TO BE FOLLOWED - NO EXCEPTIONS.
- TRENCH PLATES AND TEMPORARY PAVEMENT RESTORATION MUST BE INSTALLED PER CITY OF CLEVELAND SPECIFICATIONS.
- CONTRACTOR TO MAINTAIN A MINIMUM OF 12" CLEARANCE FROM ALL UNDERGROUND UTILITIES.

**MAINTENANCE OF TRAFFIC**

ALL TRAFFIC SIGNS, BARRICADES, DEVICES, AND TRAFFIC CONTROL PERSONNEL, FOR THE SAFETY AND CONTROL OF PEDESTRIAN AND VEHICLE TRAFFIC, FOR THE WORK AREA SHALL BE FURNISHED, AND BE THE RESPONSIBILITY OF THE DEO CONTRACTOR, AT ALL TIMES.

IF MORE THAN ONE CREW IS PERFORMING WORK SIMULTANEOUSLY A CITY OBSERVER SHALL BE PRESENT WITH EACH CREW AT ALL TIMES.

ALL ABOVE STATED ITEMS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF:  
**THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS**  
 INCLUDING BUT NOT EXCLUSIVE OF O.R.C 614.02, 614.03

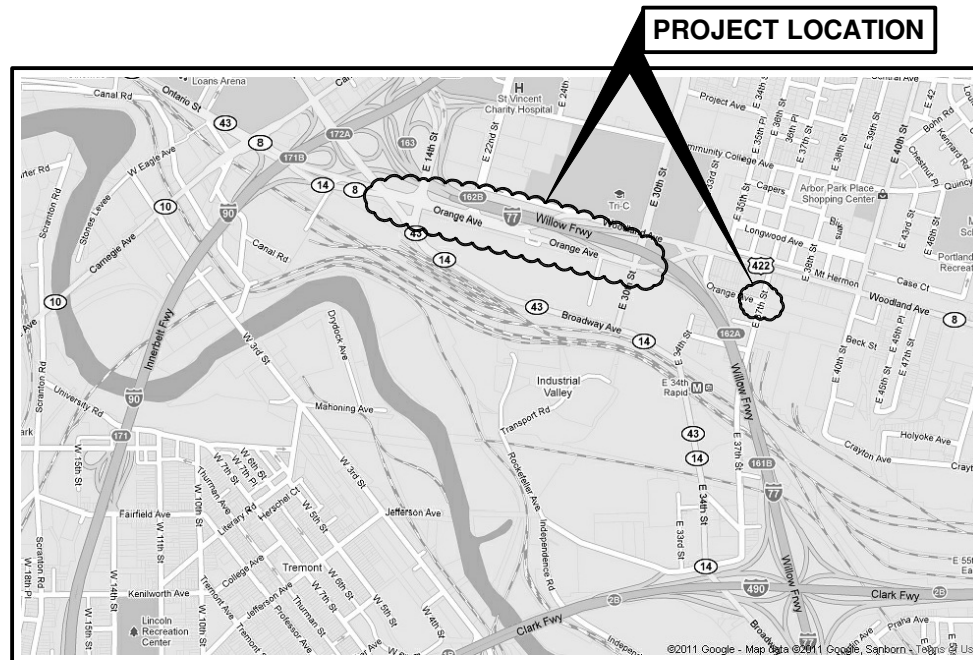
**GENERAL LEGEND**

EXISTING LOW PRESSURE GAS LINE	— L P ———— L P ————
EXISTING MEDIUM PRESSURE GAS LINE	— M P ———— M P ————
EXISTING INTERMEDIATE PRESSURE GAS LINE	— I P ———— I P ————
EXISTING HIGH PRESSURE GAS LINE	— H P ———— H P ————
EXISTING TRANSMISSION LINE	— T P L ————
EXISTING PRODUCTION GAS LINE	— P R O D ————
EXISTING STORAGE LINE	— S T O R ————
EXISTING UNDERGROUND CABLE	— UC ———— UC ————
EXISTING UNDERGROUND TELEPHONE	— UT ———— UT ————
EXISTING UNDERGROUND ELECTRIC	— UE ———— UE ————
EXISTING UNDERGROUND FIBER OPTICS	— UFO ———— UFO ————
EXISTING SANITARY SEWER	— SS ———— SS ————
EXISTING STORM SEWER	— SD ———— SD ————
EXISTING WATERMAIN	— WTR ———— WTR ————
RIGHT OF WAY	— R/W ————
CENTER LINE	— — — — —
EXISTING ROAD PAVEMENT	— — — — —
EXISTING WALK/DRIVE	— — — — —



**Dominion®**  
**PIR-149**  
**ORANGE AVENUE**  
 CITY OF CLEVELAND, OH  
 CUYAHOGA COUNTY  
**P#70536**

**WMIS# 1W07243252 IP MAINLINE REPLACEMENT**  
**WMIS# 1W07386392 COMMERCIAL MAIN TO CURB**  
**WMIS# 1W07386393 COMMERCIAL CURB TO MAIN**



**LOCATION MAP**



**INDEX OF SHEETS**

TITLE SHEET .....	1
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DETAILS .....	10

**CONTACTS**

**PLANNING:**  
 DAVID KANE - 216-736-5755

**ENVIRONMENTAL:**  
 THOMAS D'AGOSTINO - 216-214-5314

**LAND:**  
 KIM MILANO - 330-664-2419

**GAS MEASUREMENT & REGULATION:**  
 RON ORKIS - 330-742-8196

**TAPPING & STOPPING:**  
 RICK KAWIECKI - 330-351-4324

**CONSTRUCTION & MAINTENANCE:**  
 MICHAEL ANDREJCAK - 440-336-3201 , RON COX - 216-244-3759

**CORROSION:**  
 DAVE CUTLIP - 330-323-0064

**CONTRACTOR INSPECTION:**  
 TOM MYERS - 330-664-2551

**SURVEY:**  
 KOLE & ASSOCIATES - 440-885-7136

**PROJECT MANAGER:**  
 LEIGHTON MCCOY - 330-664-2422

**MUNICIPALITY(IES):**  
 CHRISTPHER J. TOLNAR - 330-559-4336

**IN CASE OF EMERGENCY CALL 9-1-1, THEN:**  
 DOMINION DISPATCH 216-736-6650  
 DOMINION CUSTOMER SERVICE 800-362-7557

**DOMINION CUSTOMER SERVICE:**  
 DANIEL NEWMAN - 216-244-3771  
 JAMES MARTINEZ - 216-214-6091  
 RICHARD MITCHELL - 216-701-3528  
 ANTOINETTE ANDERSON - 216-214-5279

**CORROSION NOTES:**

- ANY EX. TEST POINT DAMAGED DURING CONSTRUCTION MUST BE REESTABLISHED.
- FOR ALL TEST POINTS INSTALLED OR REESTABLISHED, DEO INSPECTOR MUST ACHIEVE A MINIMUM PIPE-TO-SOIL READING OF -0.850 VOLTS. IN THE EVENT THE MINIMUM REQUIRED READ CANNOT BE ACHIEVED, DEO INSPECTOR WILL CONTACT DEO CORROSION TO TROUBLESHOOT. INSTALLATION OF ANY TEST POINT THAT FAILS TO ACHIEVE THE MINIMUM READING WILL NOT BE CONSIDERED COMPLETE UNTIL DEO PERSONNEL HAVE DETERMINED THE CAUSE. CONTRACTOR SHALL NOT RECEIVE ADDITIONAL COMPENSATION UNDER THIS PROVISION.
- 17# ANODES TO BE ATTACHED DIRECTLY TO PROPOSED 20" STL APPROX. EVERY 100'. ADJUSTMENTS TO ALLOW FOR INSTALLATION AT WELDS IS ACCEPTABLE.

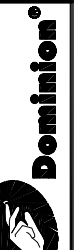
THE OWNER DOES NOT WARRANT THE ACCURACY, SUFFICIENCY, OR COMPLETENESS OF THIS DRAWING OR MAP FOR ANY PURPOSE, AND RELIANCE HEREON AND USE HEREOF IS AT THE RISK OF THE USER, WHO AGREES TO HOLD HARMLESS AND INDEMNIFY THE OWNER AGAINST ANY AND ALL LIABILITY IN CONNECTION WITH ITS USE.

<b>MUNICIPALITY: CITY OF CLEVELAND</b>	
<b>TAX DIST: OH13353</b>	<b>COUNTY: CUYAHOGA</b>
<b>INV. DIV. 800</b>	<b>ZIP CODE:</b>
<b>OPERATING AREA: 2Y</b>	<b>COORD:</b>
<b>PCB ZONE:</b>	<b>PIPELINE SYSTEM ID:</b>
<b>CLASS LOCATION: 3</b>	<b>DESIGN CLASS LOCATION: 3</b>
<b>TEST MEDIUM: AIR</b>	<b>XRAY: NO</b>
<b>TEST PRESSURE:</b>	<b>SEGMENT MAOP:</b>
<b>TEST DURATION:</b>	<b>SYSTEM MAOP:</b>
<b>O.U.P.S. DESIGN TICKET NO.</b>	
<b>SPECIFIED MINIMUM YIELD STRENGTH (SMYS):</b>	

OHIO UTILITIES PROTECTION SERVICE  
 2 WORKING DAYS  
 BEFORE YOU DIG  
 CALL TOLL FREE 1-800-362-2764



REV#	DATE	BY	DESCRIPTION



**PIR-149**  
**ORANGE AVENUE**

DATE:  
 8/24/2011

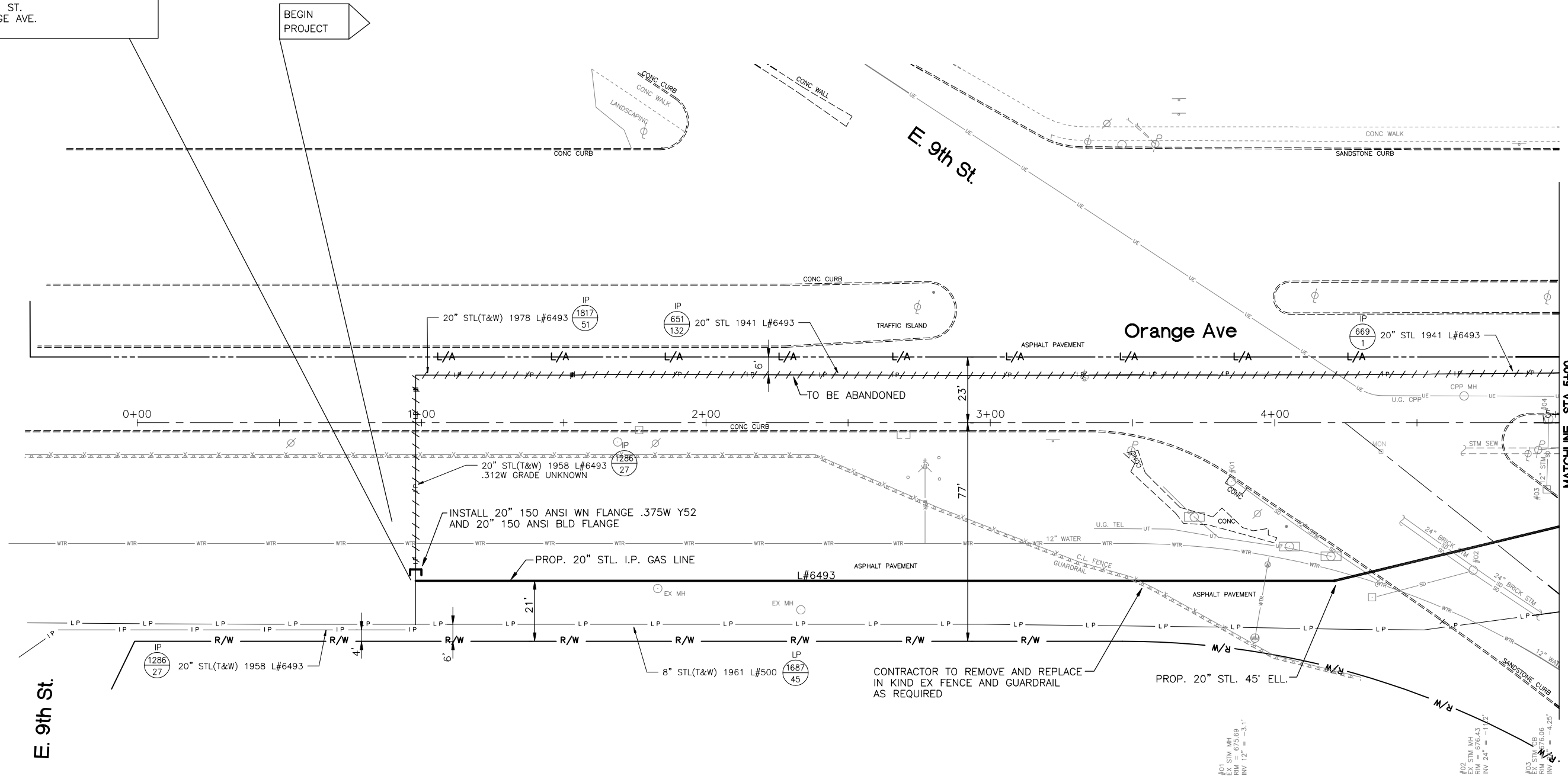
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PROJECT ID#:  
**P70536**

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I.P. L#6493 TIE-IN  
 CONTRACTOR TO INSTALL  
 20" SPHERICAL THREE WAY TEE,  
 (2) 20" 150 ANSI WN FLANGE .375W Y52,  
 20" 150# INS KIT  
 AND TIE-IN COMPLETE  
 17# ANODE  
 REESTABLISH TEST POINT 110-209.10  
 98' EEPL E. 9th ST.  
 21' NSPL ORANGE AVE.  
 F.B. 1286 P 31



E. 9th St.

MATCHLINE STA. 5+00

**ORANGE AVENUE**  
 ABANDON 470' - 20" IP BARE STEEL  
 INSTALL 400' - 20" IP COATED STEEL  
 L#6493 - W#1W07243252

**SHEET NOTES:**

1. SEEDING AND MULCHING SHALL BE APPLIED TO ALL GRASSED AREAS DISTURBED DURING CONSTRUCTION IN ACCORDANCE WITH ODOT ITEM 659.
2. EXISTING UTILITY LOCATIONS AND DEPTHS, INCLUDING SERVICES, AS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO ANY CONSTRUCTION OPERATIONS TO ENSURE PROPER CLEARANCES.
3. ALL WALK, DRIVES, & PAVEMENT TO BE RESTORED PER THE GOVERNING MUNICIPALITY REQUIREMENTS AND DETAILS SHOWN ON SUBSEQUENT SHEETS.
4. ANY TREES, BUSHES, SHRUBS, ETC. DISTURBED DURING CONSTRUCTION MUST BE REPLACED IN KIND BY CONTRACTOR.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL, STORAGE AND RE-INSTALLATION OF ANY FENCE DISTURBED DURING CONSTRUCTION.
6. ALL PAVEMENT, CURB, WALK ETC. TO BE REMOVED SHALL BE SAW CUT FULL DEPTH AT NEAREST CONSTRUCTION JOINT.

ADD STORM DRAIN INLET PROTECTION TO ANY IMPACTED INLET SHOWN OR NOT SHOWN ON PLANS.



REV.#	DATE	BY	DESCRIPTION



**PIR-149**  
**ORANGE AVENUE**

DATE:  
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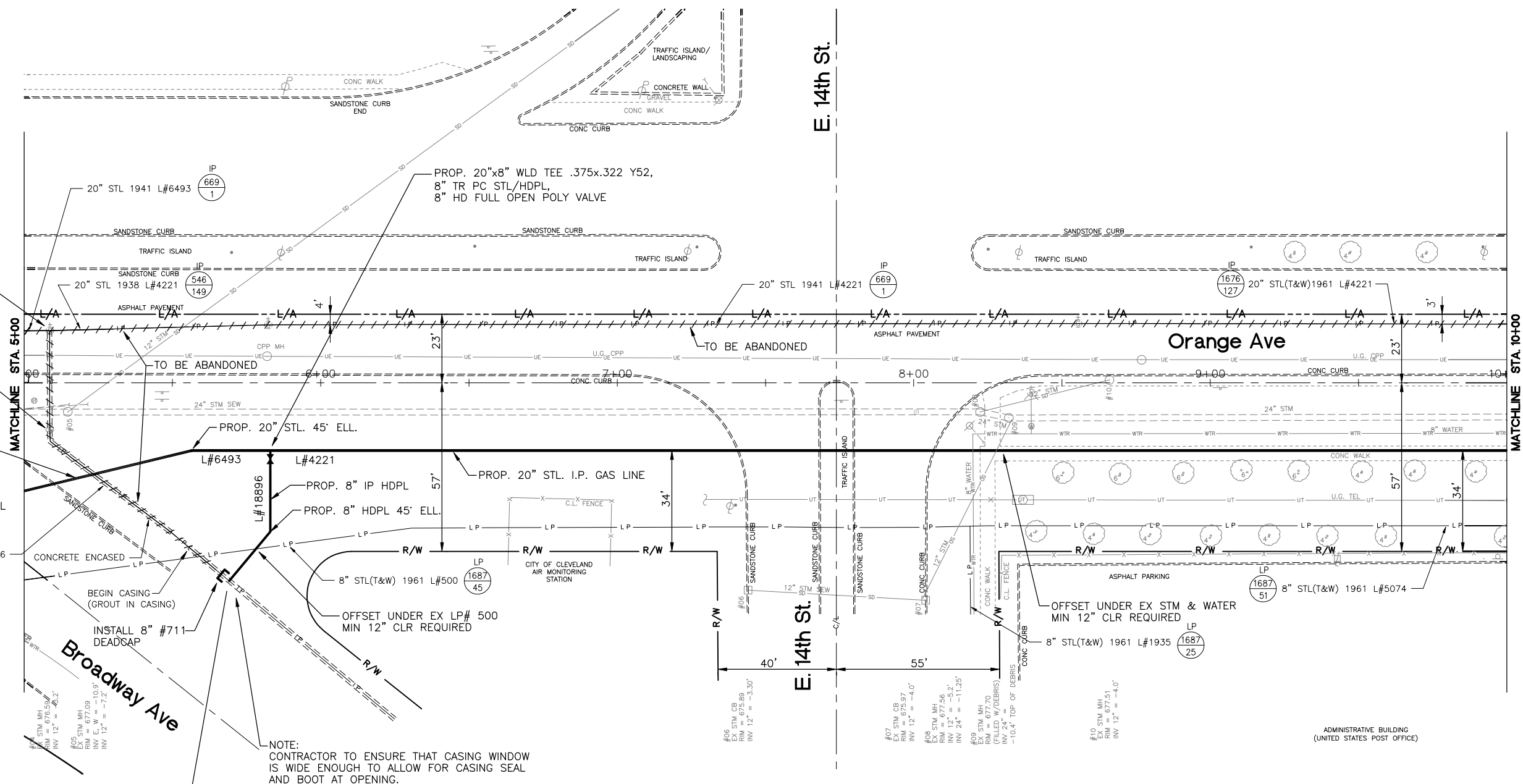
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**ORANGE AVENUE**  
ABANDON 10'-20" IP BARE STEEL  
INSTALL 80' - 20" IP COATED STEEL  
L#6493 - W#1W07243252

**ORANGE AVENUE**  
ABANDON 490'-20" IP BARE STEEL  
INSTALL 420' - 20" IP COATED STEEL  
L#4221 - W#1W07243252

**BROADWAY AVENUE**  
ABANDON 110'-8" IP STEEL (T&W)  
INSTALL 50' - 8" IP HDPL  
L#18896 - W#1W07243252



OFFSET PROP 20" ST UNDER EX 8" L# 18896 APPROX 7" COVER REQD. DEO RECORDS INDICATE EX 8" STL TO HAVE 4.6' COVER AT TIME OF INSTALL CONTRACTOR TO VERIFY

NOTE:  
CONTRACTOR TO ENSURE THAT CASING WINDOW IS WIDE ENOUGH TO ALLOW FOR CASING SEAL AND BOOT AT OPENING.  
INSTALL LINK SEAL AND 12x8 INS CASING SPACERS AS REQUIRED AND 12x8 CASING BOOT

I.P. L#18896 TIE-IN  
CONTRACTOR TO REMOVE CASING AND GROUT AS NECESSARY AND INSTALL 8" THREE WAY TEE, 8" TR PC STL/HDPL, 90' EL AND TIE COMPLETE W/ 8" EF CPLG., 17# ANODE & TEST POINT  
BASELINE ON N CURB FROM MON. OLD ORANGE AND OLD BROADWAY 140.0' SE  
7.0' SNPL BROADWAY  
F.B. 1495 P. 27

- SHEET NOTES:**
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**PIR-149 ORANGE AVENUE**

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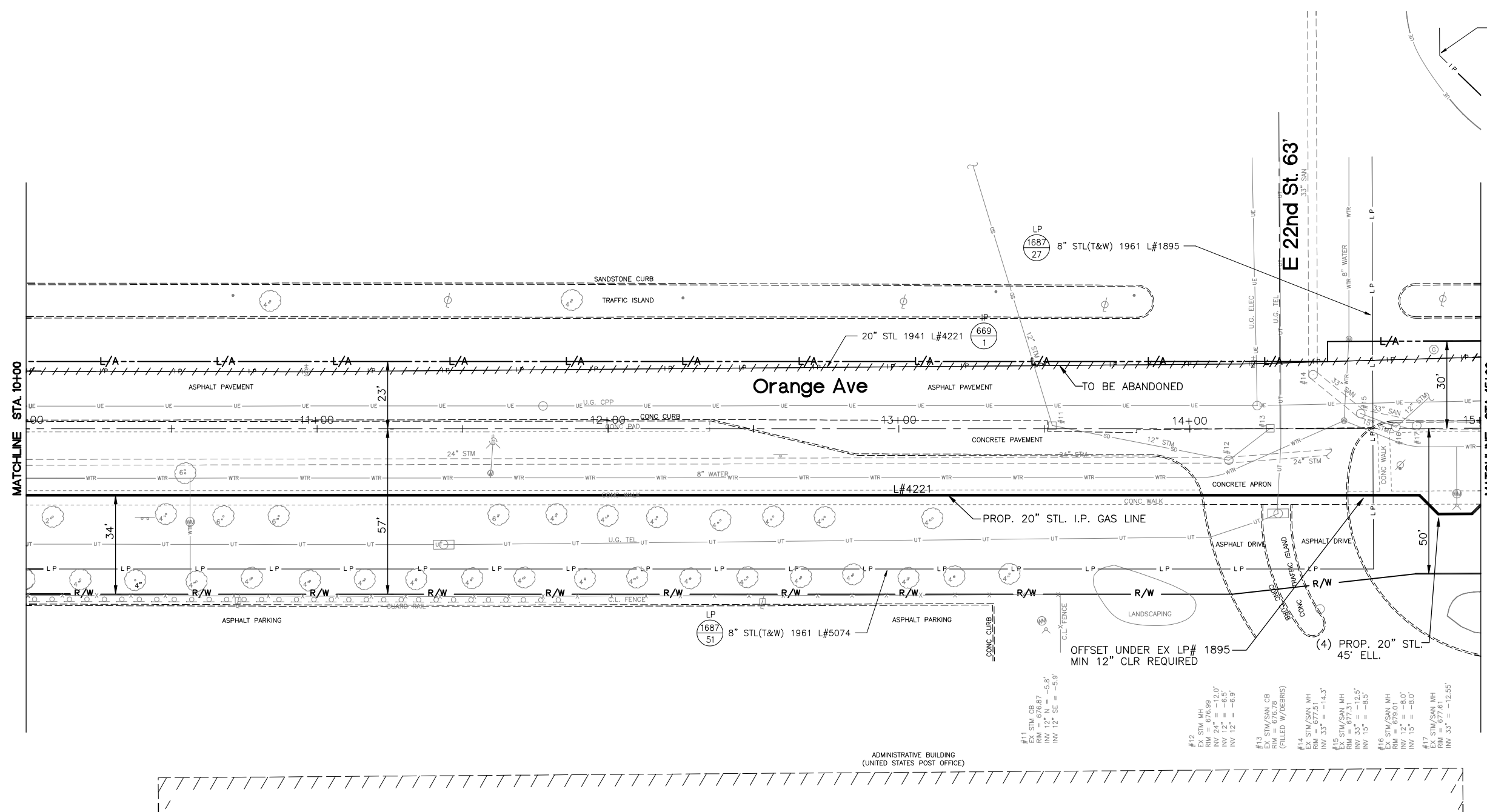
DOMINION

REV.#	DATE	BY	DESCRIPTION

DRAWING SCALE: 0 20' 40'

NORTH

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**ORANGE AVENUE**  
 ABANDON 500' - 20" IP BARE STEEL  
 INSTALL 500' - 20" IP COATED STEEL  
 L#4221 - W#1W07243252

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**PIR-149 ORANGE AVENUE**

DATE: 8/24/2011

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**Dominion**

REVISIONS

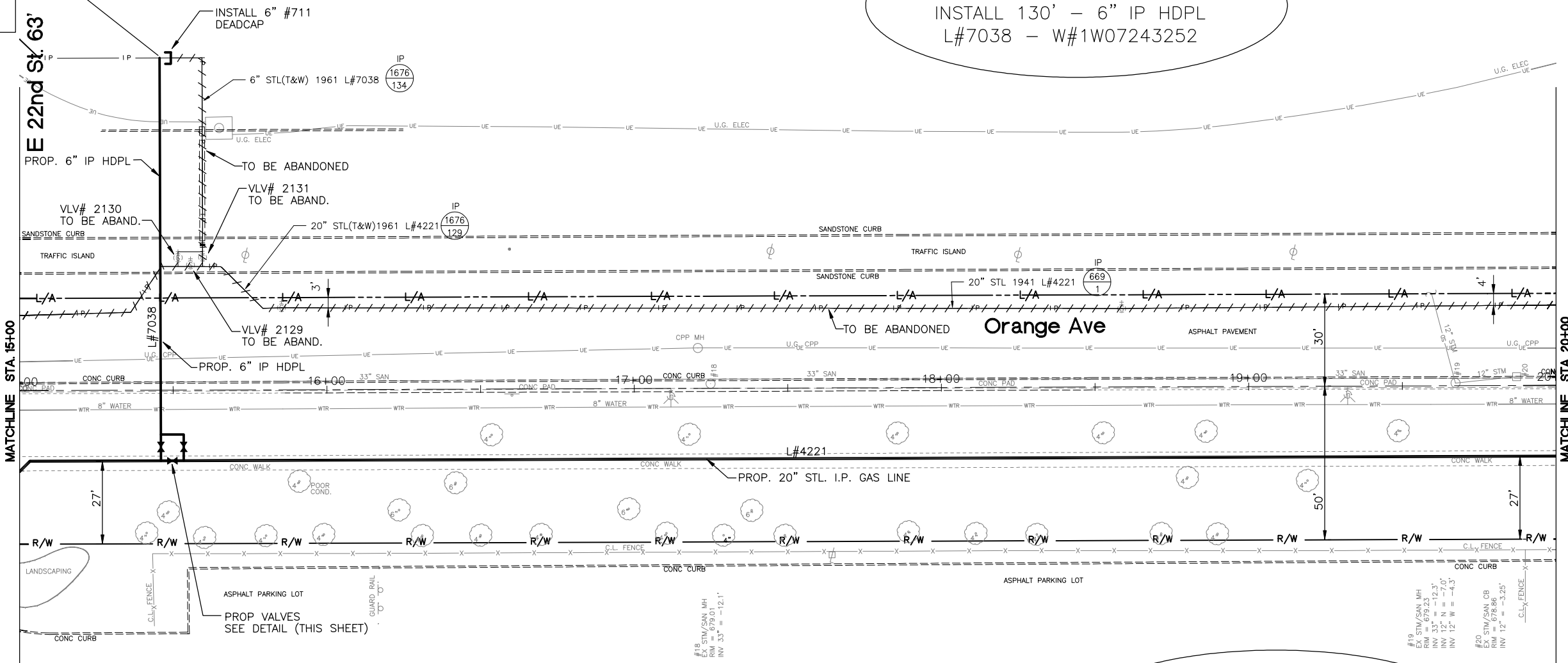
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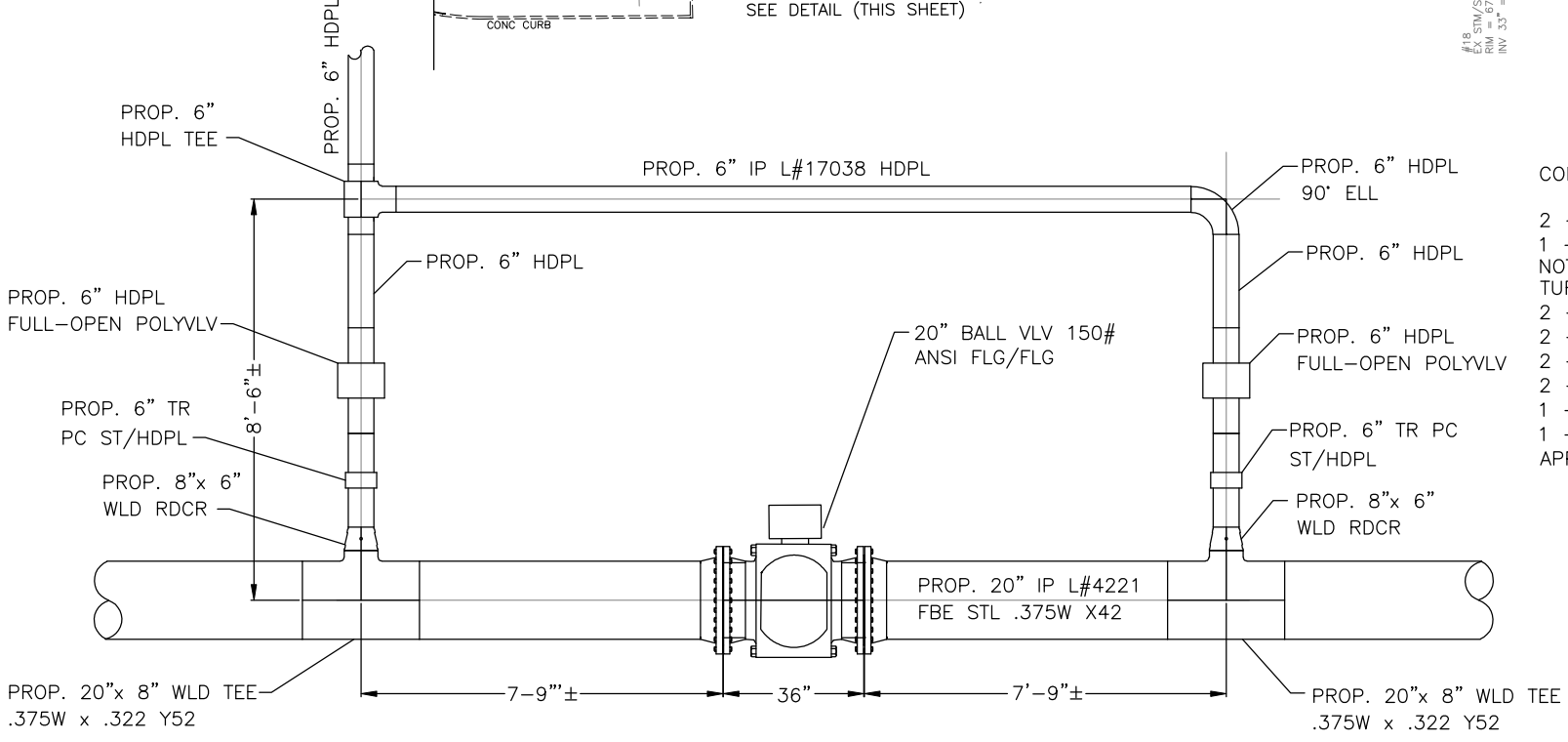
NORTH

I.P. L#7038 TIE-IN  
 CONTRACTOR TO INSTALL  
 6" THREE WAY TEE, 6" TR PC STL/HDPL,  
 90° EL HDPL AND TIE COMPLETE W/ 6" EF CPLG.,  
 17# ANODE & RELOCATE TEST POINT 202-23.10  
 23' NNC ORANGE AVE  
 115 E OF CL E. 22nd ST.  
 F.B. 1676 P. 134

E. 22nd ST.  
 ABANDON 90'-6" IP BARE STEEL  
 INSTALL 130' - 6" IP HDPL  
 L#7038 - W#1W07243252



ORANGE AVENUE  
 ABANDON 500'-20" IP BARE STEEL  
 INSTALL 500' - 20" IP COATED STEEL  
 L#4221 - W#1W07243252



- CONTRACTOR TO INSTALL:
- 2 - 20" WN FLGS 150# ANSI RF .375W Y52
  - 1 - 20" BALL VLV 150# FLG/FLG
  - NOTE: VLV MUST BE INSTALLED WITH QUARTER TURN ROTATION, OPERATING NUT FACING UP.
  - 2 - 20" x 8" WLD TEES .375W x .322 Y52
  - 2 - 8" x 6" WLD RDCRS .322W x .280 GR B
  - 2 - 6" TR PCS STL\HDPL
  - 2 - 6" HDPL FULL OPEN POLYVALVES
  - 1 - 6" HDPL TEE
  - 1 - 6" HDPL 90° ELL
  - APPROX. 20' - 6" HDPL

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ORANGE AVE. & E. 22nd ST. GATE DETAIL

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NORTH

DRAWING SCALE  
 0 20' 40'

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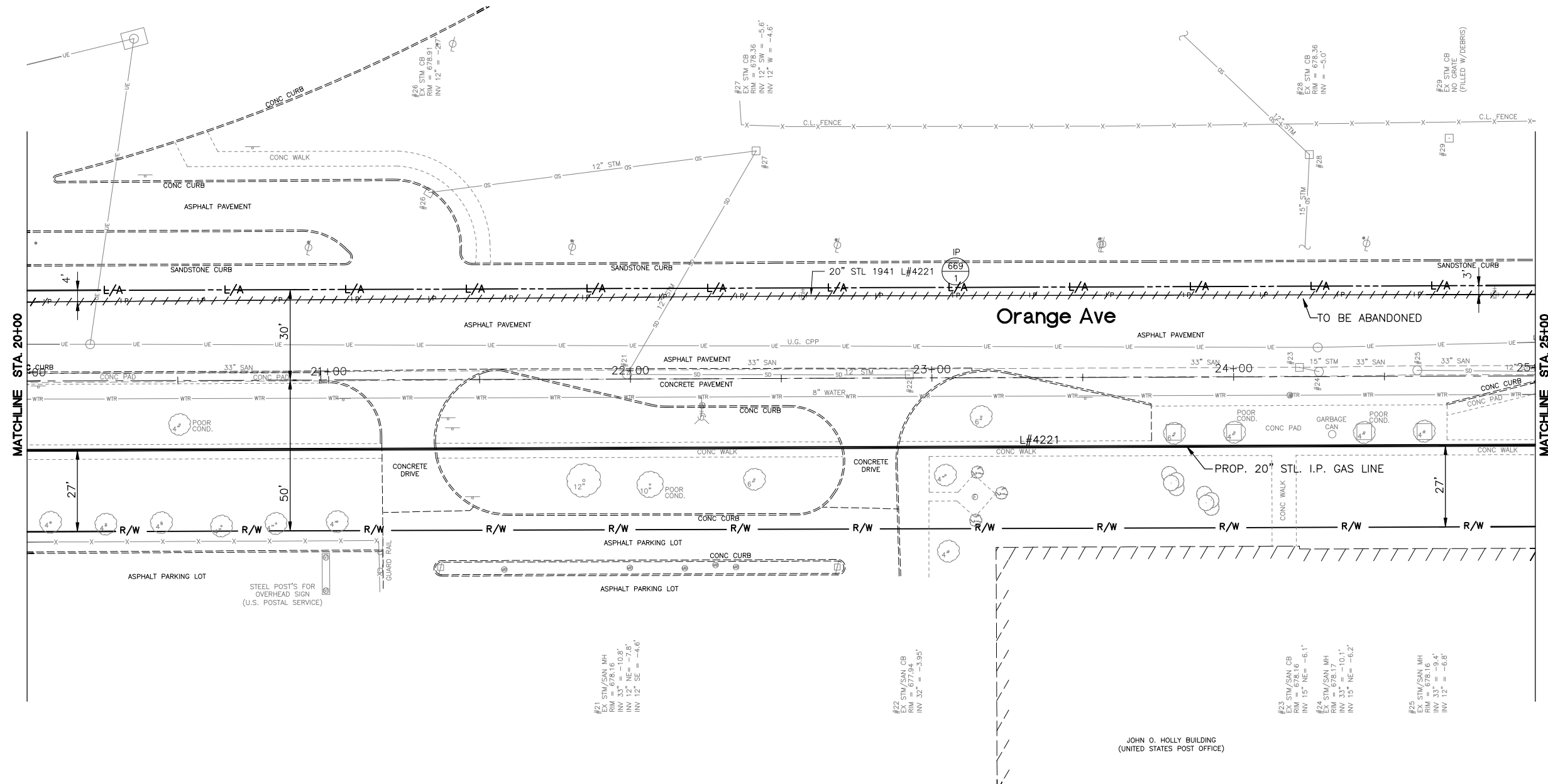
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**ORANGE AVENUE**

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**ORANGE AVENUE**  
 ABANDON 500' - 20" IP BARE STEEL  
 INSTALL 500' - 20" IP COATED STEEL  
 L#4221 - W#1W07243252

**SHEET NOTES:**

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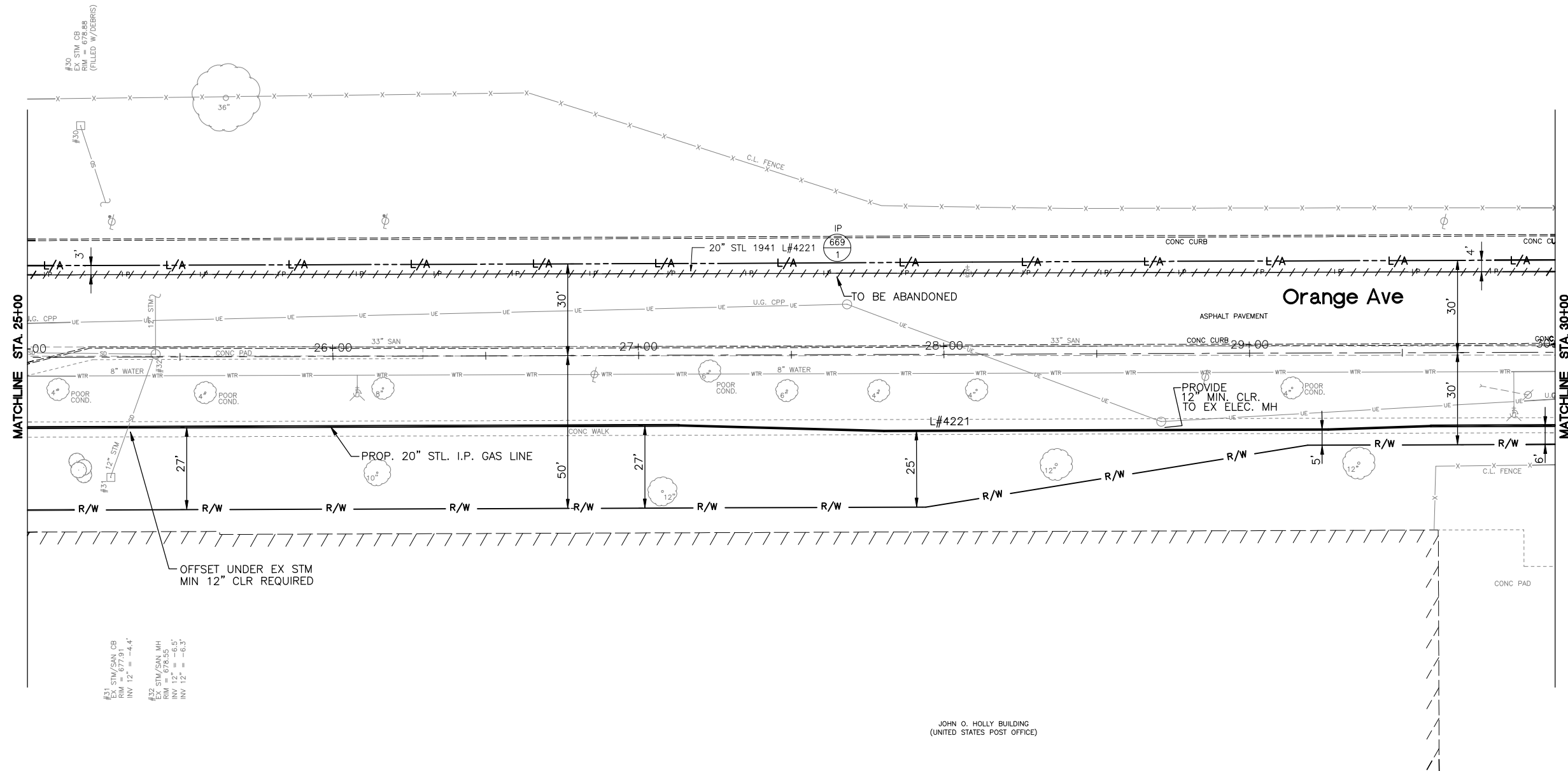
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#1 EX STM/SAN CB  
 RM = 677.91  
 INV 12" = -4.4'  
 #2 EX STM/SAN MH  
 RM = 678.55  
 INV 12" = -6.5'  
 #3 EX STM/SAN MH  
 RM = 678.55  
 INV 12" = -6.5'

**ORANGE AVENUE**  
 ABANDON 500'-20" IP BARE STEEL  
 INSTALL 500' - 20" IP COATED STEEL  
 L#4221 - W#1W07243252

JOHN O. HOLLY BUILDING  
 (UNITED STATES POST OFFICE)

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NORTH

DRAWING SCALE  
 0 20' 40'

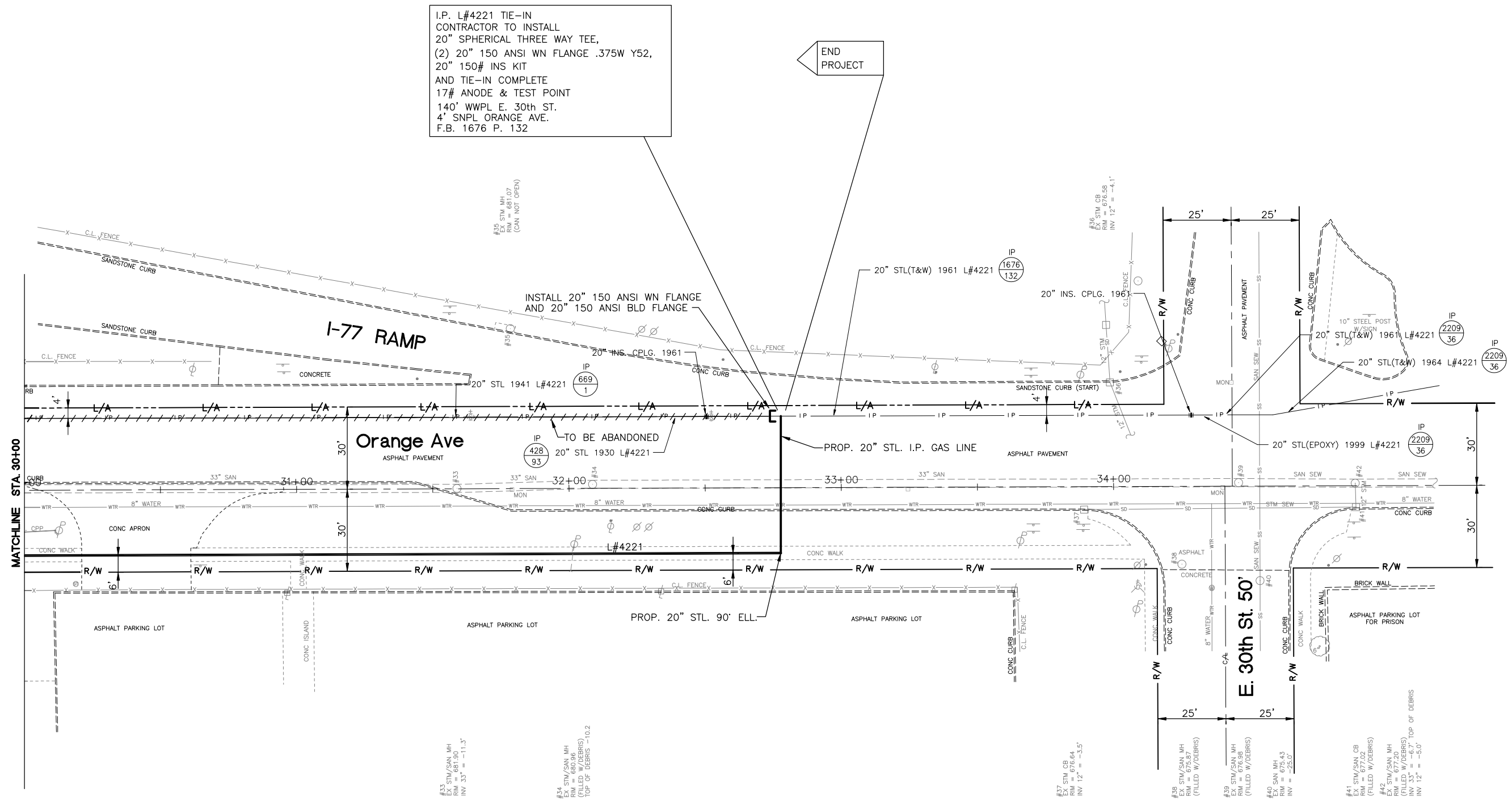
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I.P. L#4221 TIE-IN  
 CONTRACTOR TO INSTALL  
 20" SPHERICAL THREE WAY TEE,  
 (2) 20" 150 ANSI WN FLANGE .375W Y52,  
 20" 150# INS KIT  
 AND TIE-IN COMPLETE  
 17# ANODE & TEST POINT  
 140' WWPL E. 30th ST.  
 4' SNPL ORANGE AVE.  
 F.B. 1676 P. 132

END PROJECT

MATCHLINE STA. 30+00

ORANGE AVENUE  
 ABANDON 280' - 20" IP BARE STEEL  
 INSTALL 330' - 20" IP COATED STEEL  
 L#4221 - W#1W07243252

- SHEET NOTES:**
- SEEDING AND MULCHING SHALL BE APPLIED TO ALL GRASSED AREAS DISTURBED DURING CONSTRUCTION IN ACCORDANCE WITH ODOT ITEM 659.
  - EXISTING UTILITY LOCATIONS AND DEPTHS, INCLUDING SERVICES, AS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO ANY CONSTRUCTION OPERATIONS TO ENSURE PROPER CLEARANCES.
  - ALL WALK, DRIVES, & PAVEMENT TO BE RESTORED PER THE GOVERNING MUNICIPALITY REQUIREMENTS AND DETAILS SHOWN ON SUBSEQUENT SHEETS.
  - ANY TREES, BUSHES, SHRUBS, ETC. DISTURBED DURING CONSTRUCTION MUST BE REPLACED IN KIND BY CONTRACTOR.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL, STORAGE AND RE-INSTALLATION OF ANY FENCE DISTURBED DURING CONSTRUCTION.
  - ALL PAVEMENT, CURB, WALK ETC. TO BE REMOVED SHALL BE SAW CUT FULL DEPTH AT NEAREST CONSTRUCTION JOINT.

ADD STORM DRAIN INLET PROTECTION TO ANY IMPACTED INLET SHOWN OR NOT SHOWN ON PLANS.

JOHN O. HOLLY BUILDING  
 (UNITED STATES POST OFFICE)



REV.#	DATE	BY	DESCRIPTION



**PIR-149  
 ORANGE AVENUE**

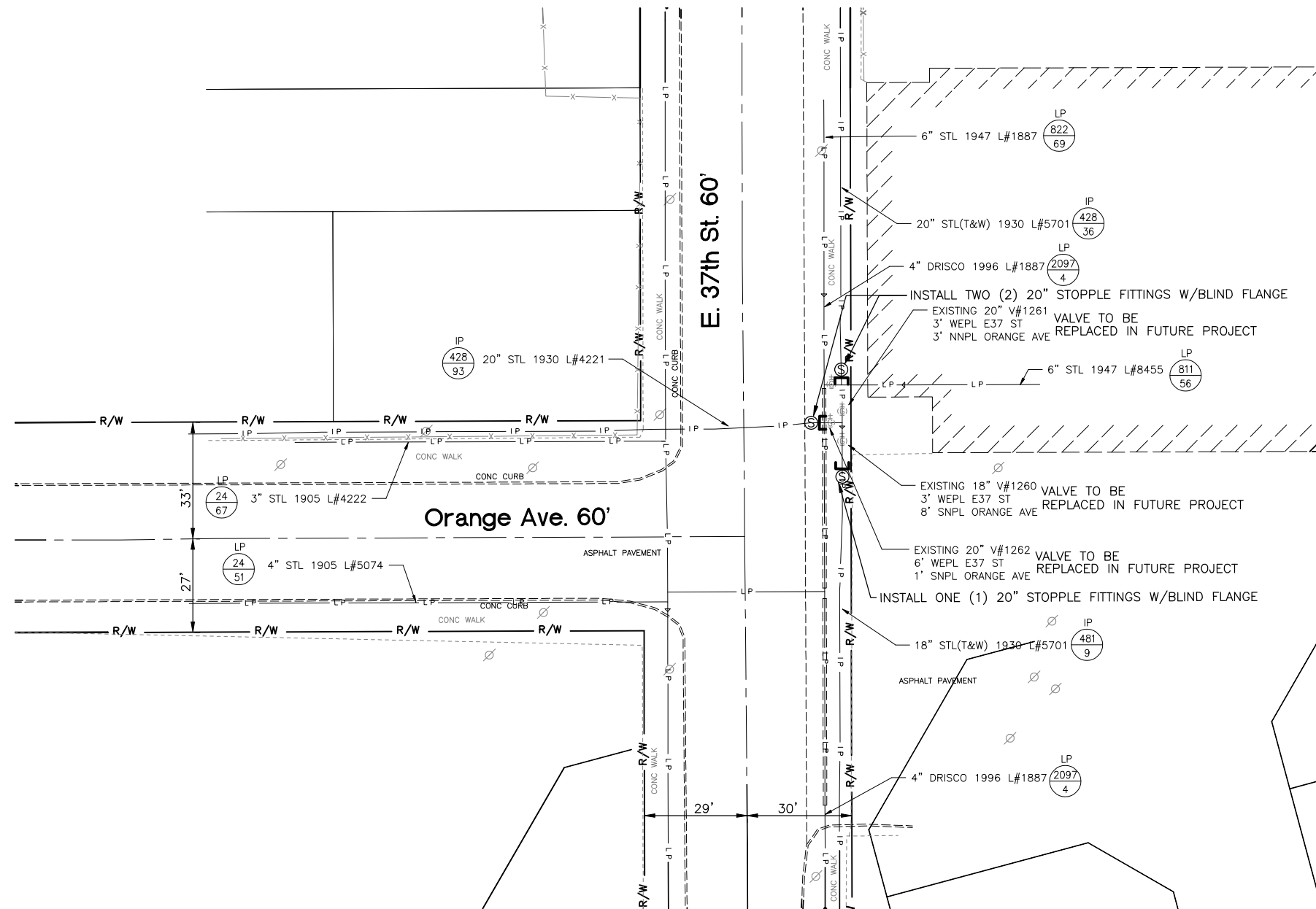
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 8/24/2011

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PROJECT ID#:  
**P70536**



THE OWNER DOES NOT WARRANT THE ACCURACY, SUFFICIENCY, OR COMPLETENESS OF THIS DRAWING OR MAP FOR ANY PURPOSE, AND RELIANCE HEREON AND USE HEREOF IS AT THE RISK OF THE USER, WHO AGREES TO HOLD HARMLESS AND INDEMNIFY THE OWNER AGAINST ANY AND ALL LIABILITY IN CONNECTION WITH ITS USE.



REV.#	DESCRIPTION	DATE	BY



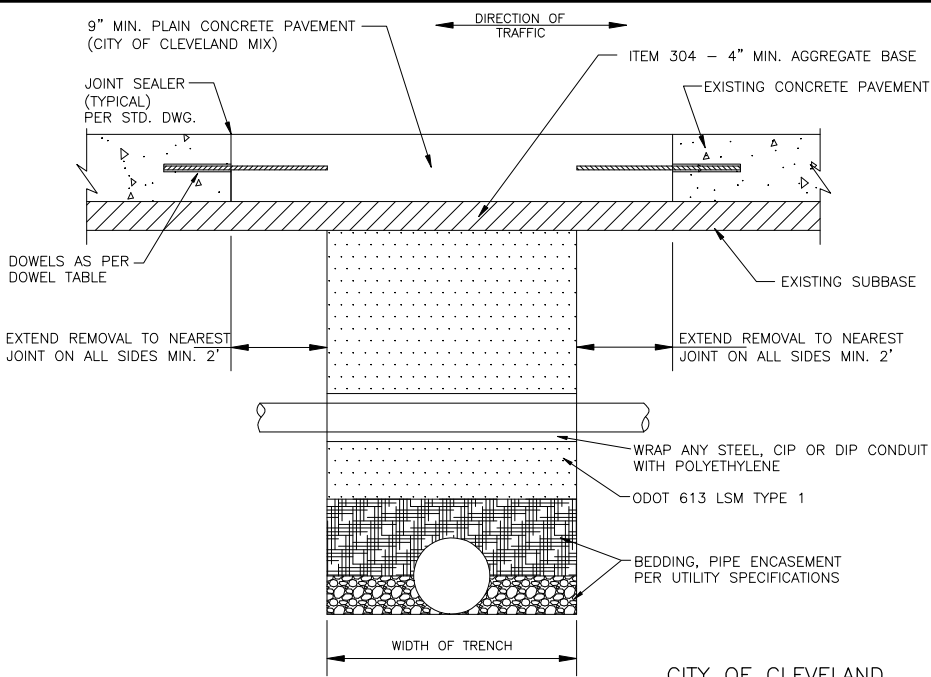
**PIR-149**  
**ORANGE AVENUE & 37th Street**

DATE:  
8/24/2011

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PROJECT ID#:  
P70536

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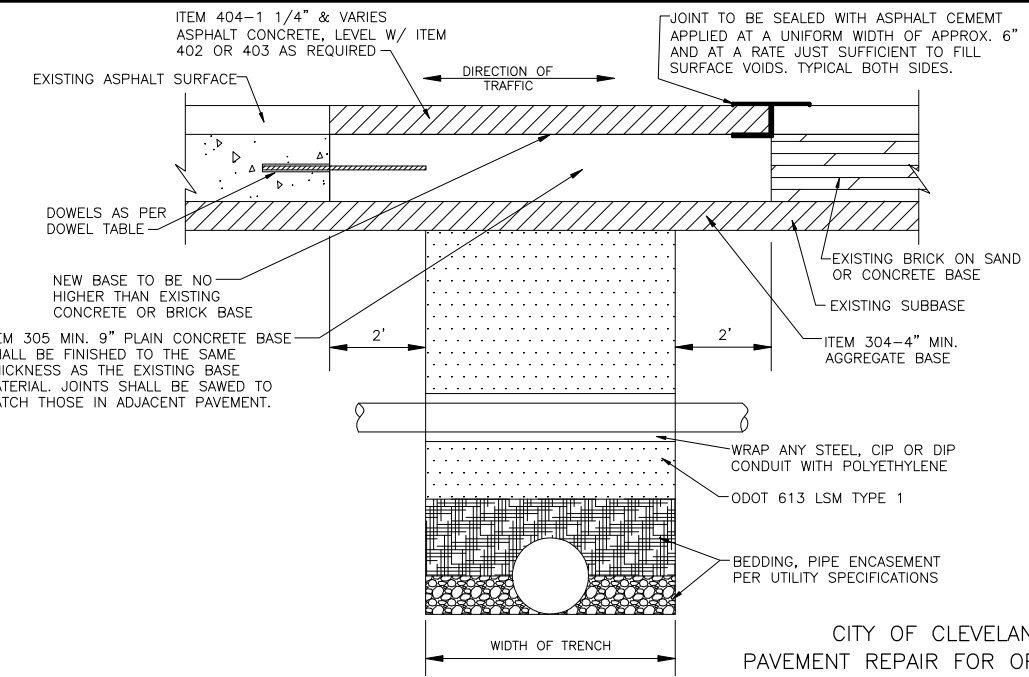


CITY OF CLEVELAND  
PAVEMENT REPAIR FOR OPENING IN  
CONCRETE PAVEMENT

- NOTES:
1. ALL PAVEMENT OPENINGS SHALL BE SAWED FULL DEPTH AND HAVE SMOOTH VERTICAL FACES. DOWELS SHALL BE REQUIRED, AS PER DOWEL TABLE THIS SHEET.
  2. CONCRETE REPAVING SHALL BE PERFORMED IN SUCH A MANNER THAT THE ENTIRE LANE AND/OR SLAB IN WHICH THE REPAIR AREA IS LOCATED SHALL BE RESTORED. SHOULD ANY PORTION OF THE REPAIR AREA EXTEND INTO AN ADJACENT LANE AND/OR SLAB, THAT LANE OR SLAB SHALL ALSO BE REPAVED.
  3. ALL BACKFILL MATERIALS USED UNDER ANY PAVEMENTS SHALL BE ODOT-613 LSM BACKFILL TYPE 1 PLACED FROM THE INITIAL ONE FOOT OVER THE TOP OF UTILITIES, TO PREVENT FLOTATION AND ENTRY OF FLOWABLE FILL INTO ANY OTHER AREAS, TO THE SUBGRADE.
  4. ENCASE IN POLYETHYLENE (ODOT 748.07 8-mil) ANY EXISTING CONDUITS OF FERROUS MATERIAL CROSSING THE TRENCH OR REPAIR OPENINGS PRIOR TO BACKFILLING.
  5. COVER ALL JOINTS IN CLAY PIPE IN THE TRENCH AREA WITH POLYETHYLENE MATERIAL BEFORE POURING FLOWABLE FILL. REPAIR TECHNIQUES SHALL BE IN ACCORDANCE WITH THE UTILITY COMPANY'S STANDARD REPAIR PROCEDURES.

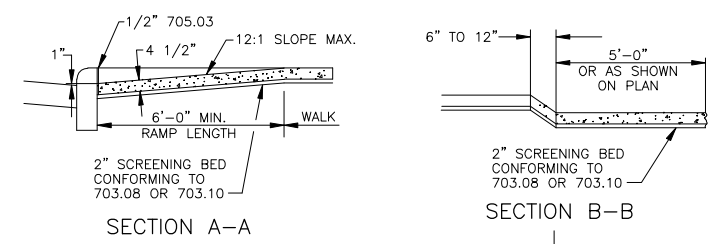
DOWEL TABLE

PAVEMENT THICKNESS	DIAMETER OF DOWELS
8" OR LESS	1"
9"	1 1/8"
10"	1 1/4"
OVER 10"	AS DIRECTED



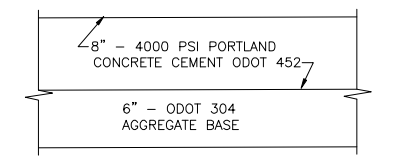
CITY OF CLEVELAND  
PAVEMENT REPAIR FOR OPENING IN  
ASPHALT ON CONCRETE OR BRICK BASE

- NOTES:
1. ALL PAVEMENT OPENINGS SHALL BE SAWED FULL DEPTH AND HAVE SMOOTH VERTICAL FACES. DOWELS SHALL BE REQUIRED, AS PER DOWEL TABLE THIS SHEET.
  2. ASPHALT RESURFACING SHALL BE PERFORMED IN SUCH A MANNER THAT THE ENTIRE LANE IN WHICH THE REPAIR AREA IS LOCATED SHALL BE RESTORED. SHOULD ANY PORTION OF THE REPAIR AREA EXTEND INTO AN ADJACENT LANE, THAT LANE SHALL ALSO BE RESURFACED. FOR PAVEMENTS WITH A WIDTH OF 40' OR LESS A LANE SHALL BE CONSIDERED 1/2 THE PAVEMENT WIDTH.
  3. EXTEND OVERCUT IN LONGITUDINAL DIRECTION TWO FEET (2') ONTO UNDISTURBED SUBGRADE.
  4. ENCASE IN POLYETHYLENE (ODOT 748.07 8-mil) ANY EXISTING CONDUITS OF FERROUS MATERIAL CROSSING THE TRENCH OR REPAIR OPENINGS PRIOR TO BACKFILLING.
  5. COVER ALL JOINTS IN CLAY PIPE IN THE TRENCH AREA WITH POLYETHYLENE MATERIAL BEFORE POURING FLOWABLE FILL. REPAIR TECHNIQUES SHALL BE IN ACCORDANCE WITH THE UTILITY COMPANY'S STANDARD REPAIR PROCEDURES.

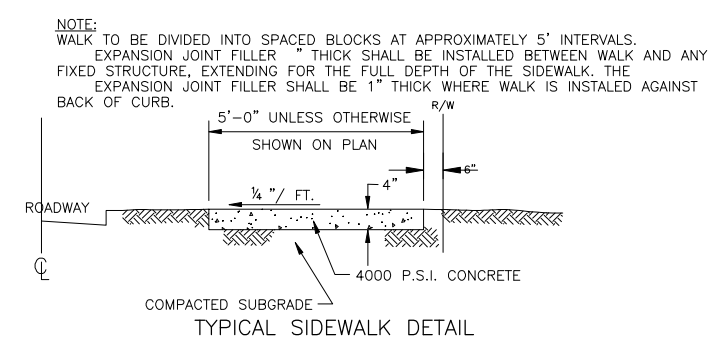


CURB RAMP W/ PLATES TYPE 2 DETAIL

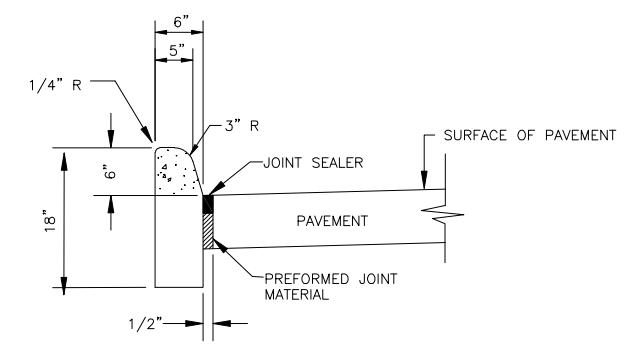
- NOTE:
1. EJIW (RED) DETECTABLE WARNING PLATES (24"x24") SHALL BE INSTALLED PER CITY OF CLEVELAND STANDARDS.
  2. SAW CUT AND REMOVE EXISTING CURB TO FULL DEPTH, AND REPLACE CURB AS SHOWN ADJACENT TO EXISTING CURBS. ALL WORK SHALL CONFORM TO ODOT 608, EXCEPT AS MODIFIED BY THE MUNICIPAL SPECIFICATIONS.



DRIVE APRON REPLACEMENT DETAIL



TYPICAL SIDEWALK DETAIL



TYPE 6 CURB DETAIL

2 WBRB  
CA  
OHIO UTIL

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