

Gibson, Ornette

From: Edward Kisiel <EKisiel@HNTB.com>
Sent: Tuesday, January 24, 2012 3:36 PM
To: Gibson, Ornette; Malone, Curtice
Subject: FW: Innerbelt, Central Viaduct / E. 9th & Carnegie
Attachments: carnegie.pdf; central viaduct.pdf

I'm not sure if I forwarded this over to you guys... sorry if I didn't.

Thanks,
Ed

From: Bryan D Dayton [mailto:bryan.d.dayton@dom.com]
Sent: Monday, December 19, 2011 1:14 PM
To: Edward Kisiel
Cc: Paul E. Emery; Richard L Householder
Subject: Innerbelt, Central Viaduct / E. 9th & Carnegie

Ed,

Attached are the relocation plans for the 2 area's listed above, for your review. Feel free to contact me with any questions.

Bryan D. Dayton
Engineering Technician
Gas Distribution Design
Dominion East Ohio
320 Springside Drive, Suite 320
Akron, Oh. 44333
Office: (330) 664-2456
Tie: 8-657-2456

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GENERAL NOTES

- CONTRACTOR MUST MAINTAIN A SAFE WALKWAY FOR PEDESTRIAN TRAVELING THROUGH THE WORK ZONE.
- INGRESS AND EGRESS TO DRIVENAYS TO BE MAINTAINED WHEN PRACTICAL FOR CONSTRUCTION.
- DEO CONTRACTOR IS TO FOLLOW PCB PIPELINE GUIDELINES:
 - PCB ZONE IS GREEN:
 - 1) ABANDONED PIPE TO BE PURGED AND CAPPED ACCORDING TO DOMINION SOP. CONTRACTOR IS TO ABANDON AND PURGE ALL MAINS. GROUT WILL NOT BE NEEDED AS MAINLINE IS WITHIN A GREEN PCB ZONE.
 - 2) REMOVED PIPE TO BE PURGED AND DISPOSED OF BY THE DEO CONTRACTOR.
- ALL PAVEMENT OPENINGS TO BE RESTORED PER QTY. 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.
- ODOT TO BE CONTACTED 2 WORKING DAYS BEFORE START OF CONSTRUCTION. CALL CURTICE MALONE AT 216-684-2131.
- 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.
- DEO WILL PAY FOR ANY AND ALL NON-DESTRUCTIVE TESTING (NDT) OF WELDS. THE CONTRACTOR SHALL ASSIST THE NDT CONTRACTOR WHERE NEEDED AT NO ADDITIONAL COST TO DEO.

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.

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	LP	LP
EXISTING MEDIUM PRESSURE GAS LINE	MP	MP
EXISTING INTERMEDIATE PRESSURE GAS LINE	IP	IP
EXISTING HIGH PRESSURE GAS LINE	HP	HP
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	SO	SO
EXISTING WATERMAIN	WR	WR
RIGHT OF WAY	R/W	
CENTER LINE		
EXISTING ROAD PAVEMENT		
EXISTING WALK/DRIVE		



Dominion[®]

INNERBELT

CARNEGIE AVE.

CUY-90-14.90

CLEVELAND, CUYAHOGA COUNTY, OH
P83167

WR# 1W07404055 - RP RELOCATION

1W07404070 - LP RELOCATION

RELOCATE 225' OF VARIOUS SIZE LP STEEL AND 335' OF VARIOUS SIZE RP STEEL DUE TO CONFLICTS WITH GRADE CUTS



LOCATION MAP



INDEX OF SHEETS

TITLE SHEET	1
PLAN SHEET	2-3

TAKE DOWN PLAN

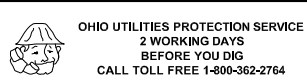
Tapping existing 20" steel IP main in (2) locations with 3-way tee.
(Dominion to acquire 3-way tee material)
Tapping existing 6" steel IP main in (2) locations with 3-way tee.
Tapping existing 6" steel MP main in (2) locations with 3-way tee.

CONTACTS

PLANNING: DAVID KANE - 216-736-5755 / KERTIS LIMPBERT - 216-736-6757
ENVIRONMENTAL: N/A
LAND: N/A
GAS MEASUREMENT & REGULATION: TOM AGOSTINO - 216-736-6912
TAPPING & STOPPING: RICK KAWIECKI - 330-664-2560
CONSTRUCTION & MAINTENANCE: MIKE ANDREJCAK - 216-736-6911 / RON COX - 216-736-5908
CORROSION: CHRIS WASHINGTON - 216-736-6575
CONTRACTOR INSPECTION: PHIL SAIN - 330-664-2549
SURVEY: N/A
PROJECT MANAGER: PAUL EMERY - 330-664-2421
MUNICIPALITIES: ODOT / CURTICE MALONE - 216-584-2131
DESIGNER: BRYAN DAYTON - 330-664-2456
IN CASE OF EMERGENCY CALL 9-1-1, THEN: DOMINION DISPATCH 216-736-6650 DOMINION CUSTOMER SERVICE 800-362-7557
DOMINION CUSTOMER SERVICE: JIMMY MARTINEZ - 216-736-6907 TONI ANDERSON - 216-736-5903 DAVE DEWITT - 216-736-5901 RICK MITCHELL - 216-736-6930

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.

MUNICIPALITY: Cleveland CSD	COUNTY: CUYAHOGA
TAX DIST: OH11281	ZIP CODE: 44113
INV. DIV. 500	
OPERATING AREA: 1W	PIPELINE SYSTEM ID: WM13
PCB ZONE: GREEN	DESIGN CLASS LOCATION: 3
CLASS LOCATION: 3	XRAY: YES (20" IP ONLY)
TEST MEDIUM: AIR	
TEST PRESSURE IP: 150 lb.	SEGMENT MAOP IP: 95 lb.
TEST DURATION IP: 1 hr.	SYSTEM MAOP IP: 95lb.
TEST PRESSURE MP: 90 lb.	SEGMENT MAOP MP: 40 lb.
TEST DURATION MP: 1 hr.	SYSTEM MAOP MP: 40 lb.
TEST PRESSURE LP: 90 lb.	SEGMENT MAOP LP: 1 lb.
TEST DURATION LP: 1 hr.	SYSTEM MAOP LP: 1 lb.
O.U.P.S. DESIGN TICKET NO. A131102113-00A, A131102117-00A	



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

REV.#	DESCRIPTION	DATE	BY



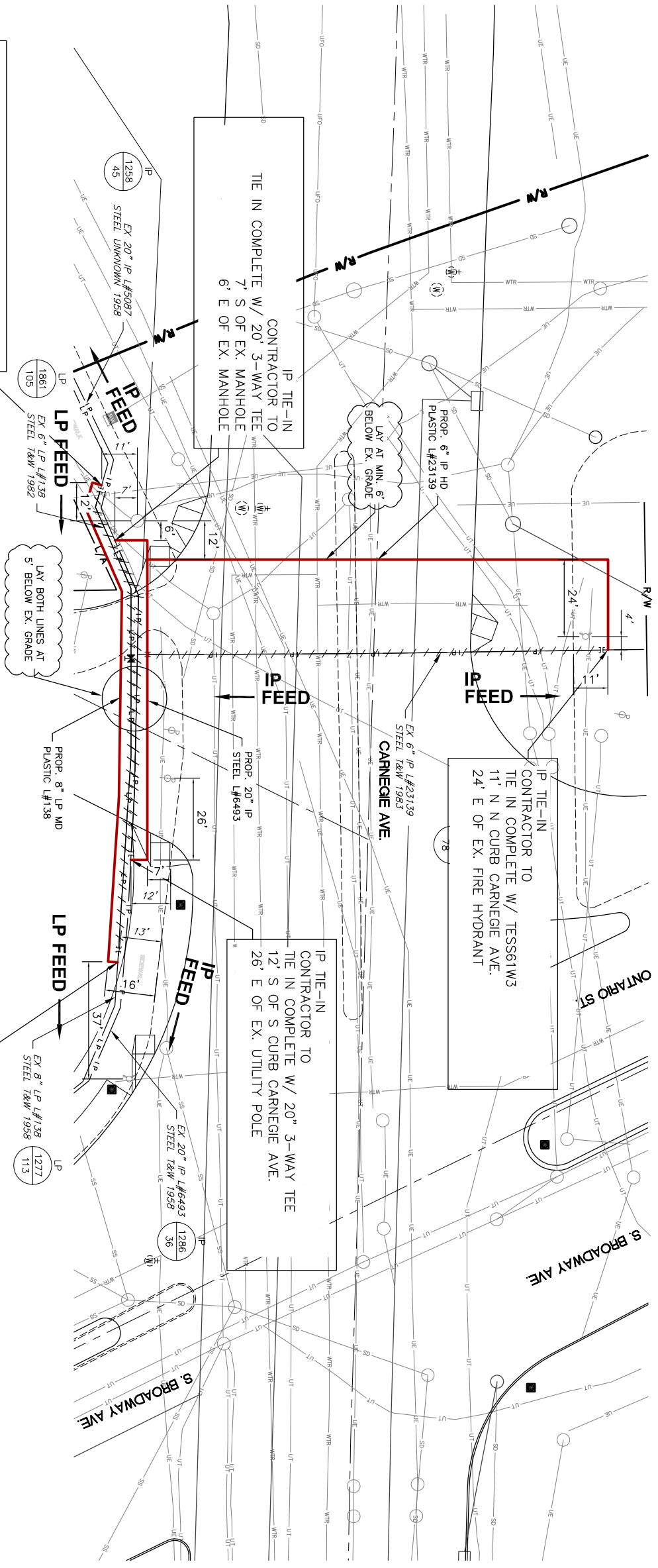
INNERBELT
CARNEGIE AVE.

TITLE SHEET	1
DATE:	12/9/11
PROJECT ID#:	P83167

CARNEGIE AVE.
 REM & ABD 150' - 6" IP STEEL
 RELOCATE 175' - 6" IP HD PLASTIC
 L#23139 - WR# 1W07404055

CARNEGIE AVE.
 REM & ABD 145' - 6" LP STEEL
 RELOCATE 160' - 6" LP MD PLASTIC
 L#138 - WR# 1W07404070

CARNEGIE AVE.
 REM & ABD 100' - 20" IP STEEL
 RELOCATE 120' - 20" IP STEEL
 L#6493 - WR# 1W07404055



LP TIE-IN
 CONTRACTOR TO INSTALL
 BYPASS &
 TIE IN COMPLETE W/ NIP6X24
 11' S OF EX. MANHOLE
 12' W OF EX. MANHOLE

IP TIE-IN
 CONTRACTOR TO
 TIE IN COMPLETE W/ 20\"/>

IP TIE-IN
 CONTRACTOR TO
 TIE IN COMPLETE W/ TESS61W3
 11' N N CURB CARNEGIE AVE.
 24' E OF EX. FIRE HYDRANT

IP TIE-IN
 CONTRACTOR TO
 TIE IN COMPLETE W/ 20\"/>

LP TIE-IN
 CONTRACTOR TO INSTALL
 BYPASS &
 TIE IN COMPLETE NIP8X24
 13' S OF S CURB CARNEGIE AVE.
 37' W OF EX. FIRE HYDRANT

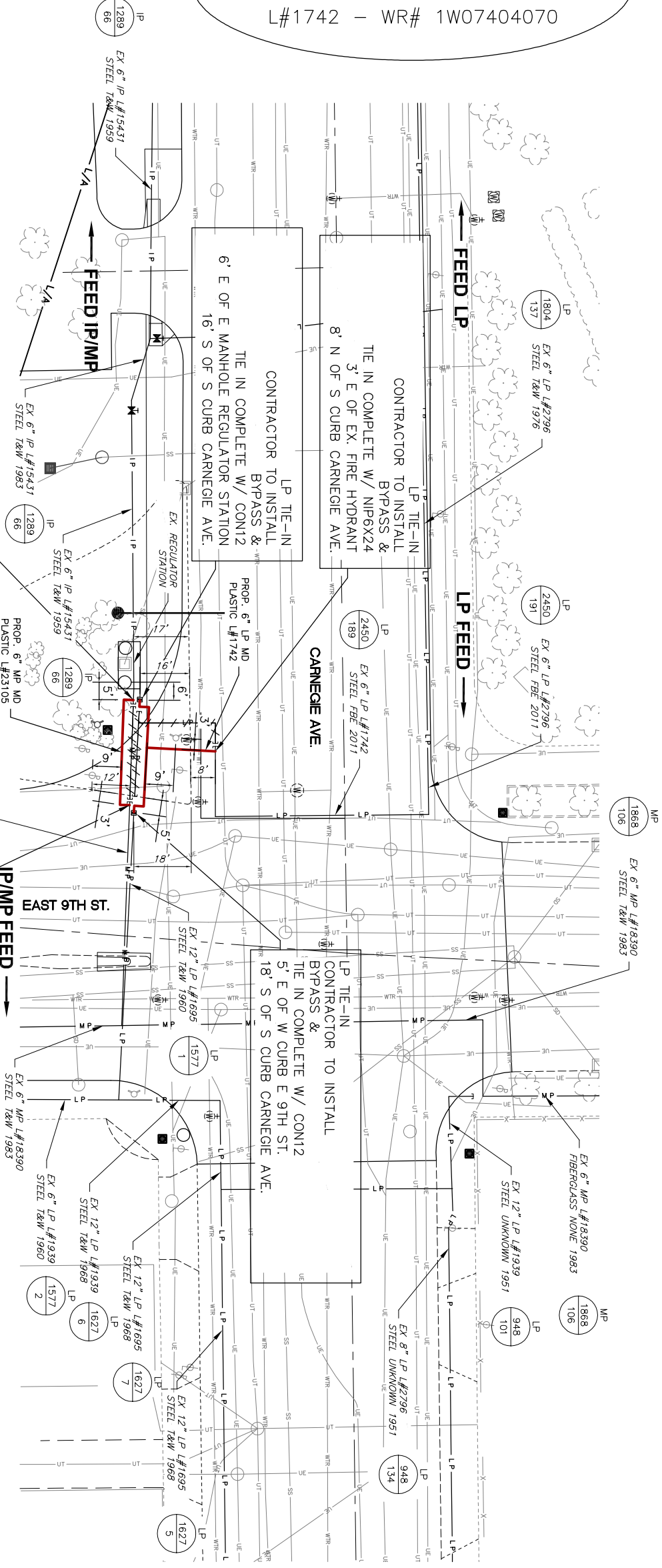
NOTE: CONTRACTOR MUST FOLLOW
 BEST PRACTICE REGARDING SAFE
 EMBEDMENT DISTANCE & JOINT
 REINFORCEMENT OF COMPRESSION
 COUPLINGS PER D&C MANUAL

Source Dwg: C:\WINDOWS\Temp\AcPublish_5112\PS3167 Design2.dwg Date: Dec 19, 2011: 11:34am Owner: bryon81

CARNEGIE AVE.
 REM & ABD 35' - 6" LP STEEL
 RELOCATE 25' - 6" LP MD PLASTIC
 L#1742 - WR# 1W07404070

CARNEGIE AVE.
 REM AND ABD 30' - 6" MP STEEL
 RELOCATE 40' - 6" MP MD PLASTIC
 L#23105 - WR# 1W07404055

CARNEGIE AVE.
 REM & ABD 30' - 12" LP STEEL
 RELOCATE 40' - 12" LP MD PLASTIC
 L#1695 - WR# 1W07404070



CONTRACTOR TO TIE IN COMPLETE
 W/ TESS61W3
 5' E OF E. MANHOLE REGULATOR STATION
 17' S OF S CURB CARNEGIE AVE.

MP TIE-IN
 CONTRACTOR TIE IN COMPLETE
 W/ TESS61W3
 3' E OF W CURB E 9TH ST.
 12' N OF EX. UTILITY POLE

NOTE: CONTRACTOR MUST FOLLOW
 BEST PRACTICE REGARDING SAFE
 EMBEDMENT DISTANCE & JOINT
 REINFORCEMENT OF COMPRESSION
 COUPLINGS PER D&C MANUAL

LAY ALL LINES
 6' BELOW EX. GRADE
 THIS SHEET ONLY

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EXISTING INTERMEDIATE PRESSURE GAS LINE	IP	IP
EXISTING HIGH PRESSURE GAS LINE	HP	HP
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	SO	SO
EXISTING WATERMAIN	WM	WM
RIGHT OF WAY	R/W	
CENTER LINE		
EXISTING ROAD PAVEMENT		
EXISTING WALK/DRIVE		



Dominion

**INNERBELT CENTRAL VIADUCT
PIR 1238**

CLEVELAND, CUYAHOGA COUNTY, OHIO

#81387

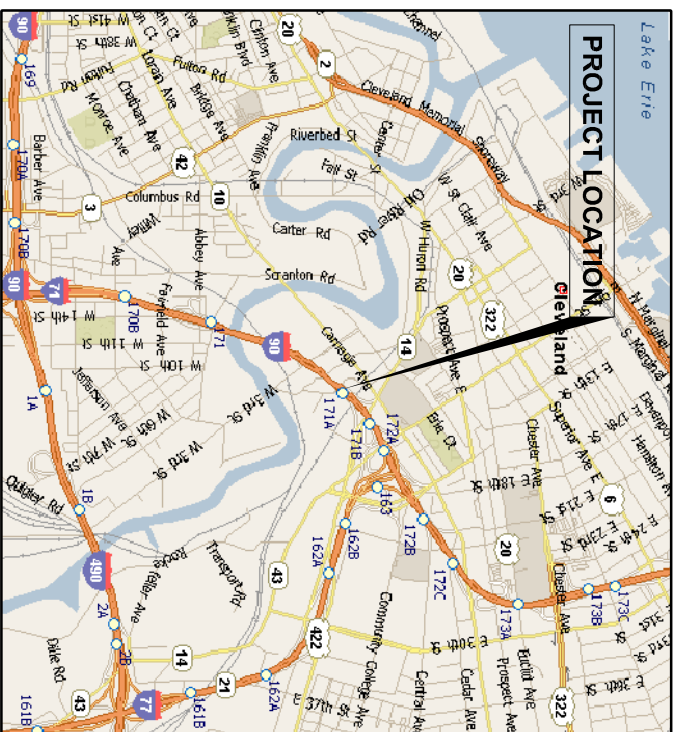
WR# 1W07350140 - IP MAINLINE RELOCATION

1W07390855 - IP MAINLINE REPLACEMENT

RELOCATE 300' OF 8" IP HD PLASTIC DUE TO CONFLICTS WITH BRIDGE SUPPORTS AND

GRADE CUT

REPLACE 445' OF 8" IP HD PLASTIC



LOCATION MAP



INDEX OF SHEETS

TITLE SHEET	1
PLAN SHEETS	2-3

TAKE DOWN PLAN

Tapping existing 8" steel IP mains in 2 locations with 3-way tees.

CONTACTS

PLANNING:	DAVID KANE - 216-736-5755 / KERTIS LIMPBERT - 216-736-5757
ENVIRONMENTAL:	N/A
LAND:	N/A
GAS MEASUREMENT & REGULATION:	TOM AGOSTINO - 216-736-6912
TAPPING & STOPPING:	RICK KAWIECKI - 330-664-2560
CONSTRUCTION & MAINTENANCE:	MIKE ANDREJCAK - 216-736-6911 / RON COX - 216-736-5908
CORROSION:	CHRIS WASHINGTON - 216-736-6575
CONTRACTOR INSPECTION:	PHIL SAIN - 330-664-2549
SURVEY:	N/A
PROJECT MANAGER:	PAUL EMERY - 330-664-2421
MUNICIPALITIES:	ODOT - CURTIS MALONE - 216-518-2100
DESIGNER:	BRYAN DAYTON - 330-664-2456
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DOMINION CUSTOMER SERVICE SERVICE	800-362-7557
DOMINION CUSTOMER SERVICE:	JIMMY MARTINEZ - 216-736-6907 TONI ANDERSON - 216-736-5903 DAVE DEWITT - 216-736-5901 RICK MITCHELL - 216-736-6930

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MUNICIPALITY:	Cleveland CSD
TAX DIST:	OH11281
INV. DIV.	500
OPERATING AREA:	1W
PCB ZONE:	GREEN
CLASS LOCATION:	3
TEST MEDIUM:	AIR
TEST PRESSURE:	150 lb.
TEST DURATION:	1 hr.
O.U.P.S. DESIGN TICKET NO.	A131102113-00A, A131102117-00A



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

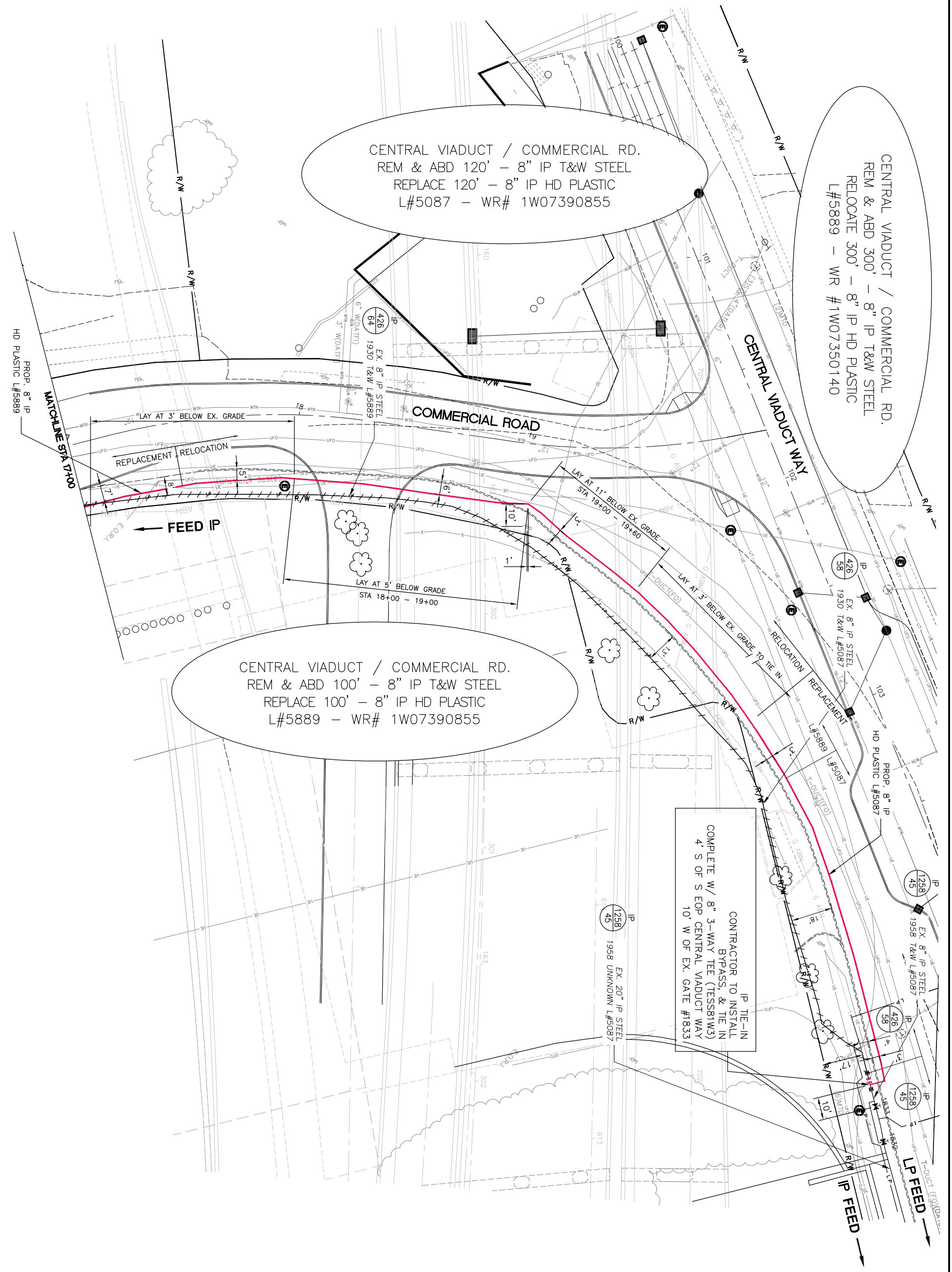
REV.#	DESCRIPTION	DATE	BY



**CENTRAL VIADUCT
RELOCATION**

TITLE SHEET

DATE:	12/9/11
PROJECT ID#:	PR1387



PROJECT ID#: P81387	2
	3
DATE: 12/9/11	PLAN SHEET CENTRAL VIADUCT

CENTRAL VIADUCT RELOCATION

REV.#	DESCRIPTION	DATE	BY

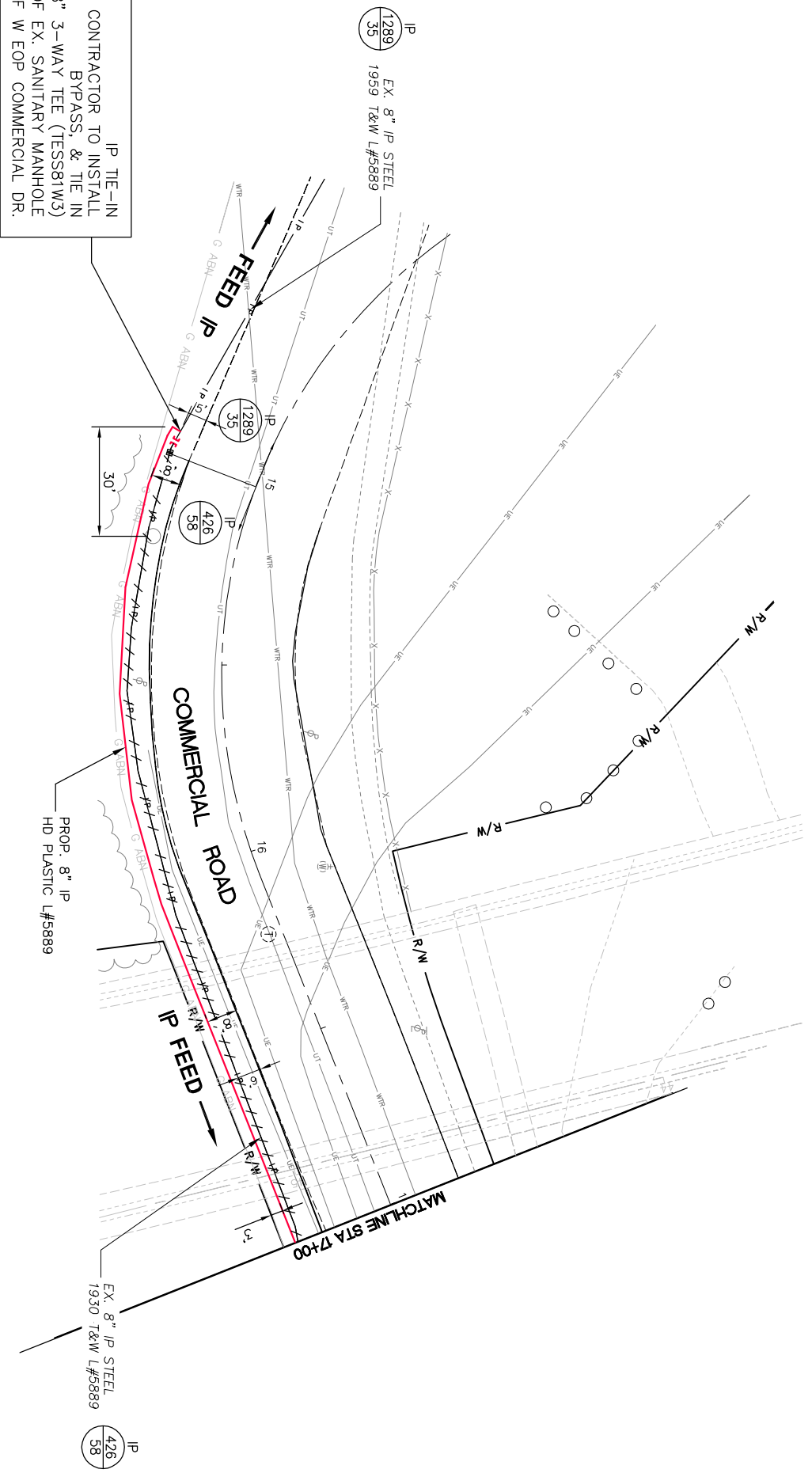


DRAWING SCALE	
0 20' 40'	

COMMERCIAL RD.
 REM & ABD 220' - 8" IP T&W STEEL
 REPLACE 225' - 8" IP HD PLASTIC
 L#5889 - WR# 1W07390855

IP TIE-IN
 CONTRACTOR TO INSTALL
 BYPASS, & TIE IN
 30' S OF EX. SANITARY MANHOLE
 8' E OF W EOP COMMERCIAL DR.

LAY AT 3' BELOW EX. GRADE
 THIS SHEET ONLY



	DATE: 12/9/11	PLAN SHEET COMMERCIAL RD.	CENTRAL VIADUCT RELOCATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV.#</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV.#	DESCRIPTION	DATE	BY						DRAWING SCALE 	NORTH
REV.#	DESCRIPTION	DATE	BY												