

REVISION NO.	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				01	ERIE	0000	MML	1 of ___
CITY OF ERIE								

# BUREAU OF ENGINEERING DEPARTMENT OF PUBLIC WORKS CITY OF ERIE

DISTRICT	COUNTY	CITY	BOROUGH	ROUTE	SECTION	TOTAL SHEETS			
1-0	ERIE	ERIE			MML				
SYS.	S.R.	OR	W.R.	SPUR	PHA	SECTION	DIST. CO.	ECMS NO.	111014

## DRAWINGS FOR CONSTRUCTION OF

STREET NAME WEST 8TH STREET



### WEST 8TH STREET CORRIDOR IMPROVEMENT PROJECT

STATE ROUTE NA SECTION NA

IN ERIE COUNTY

FROM STA. 0+00 TO STA. 46+00 LENGTH 4600 FT. 0.87 MI.

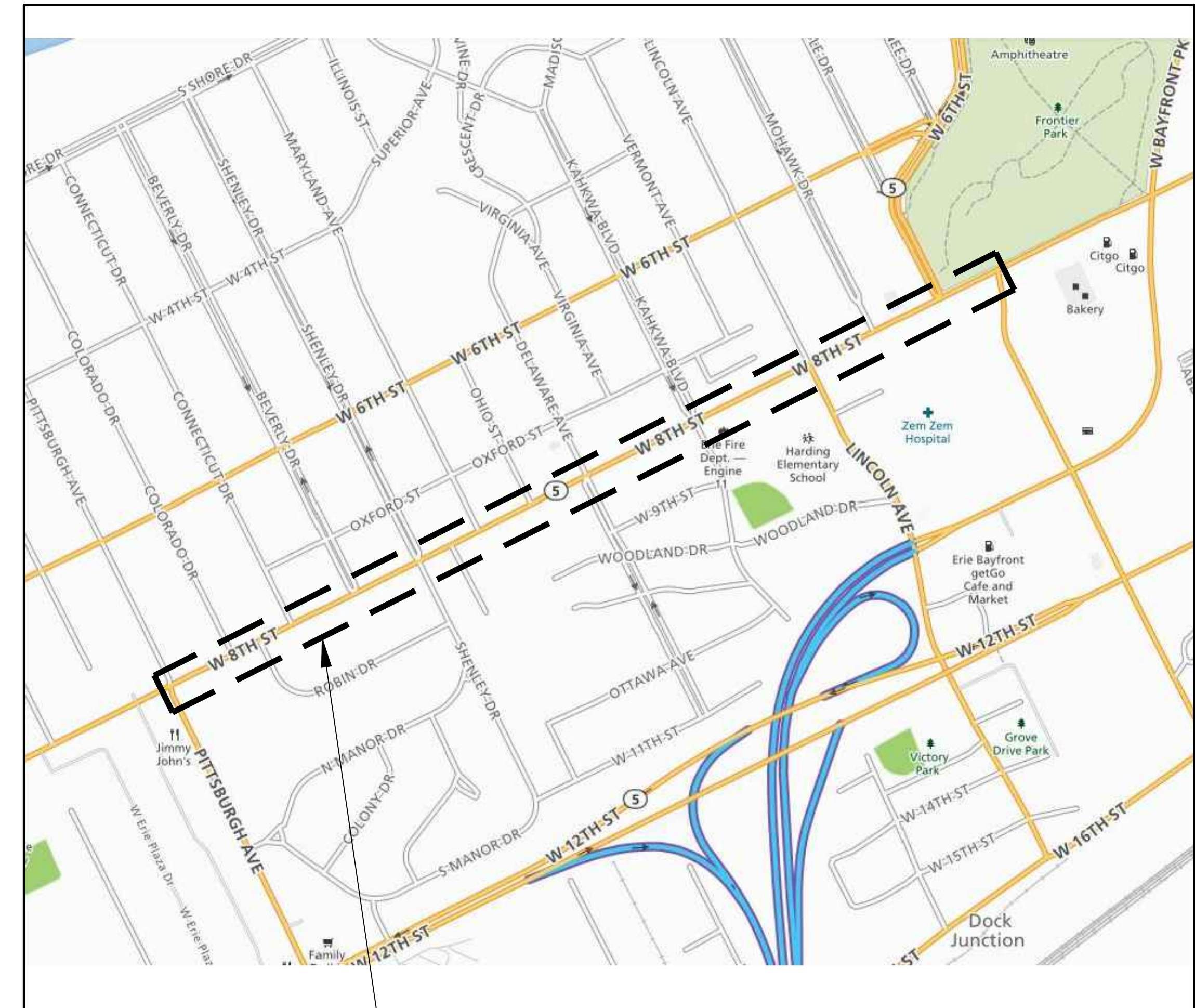
DESIGN DESIGNATION:		TRAFFIC DATA:	
HIGHWAY CLASSIFICATION	CITY OF ERIE LOCAL ROAD	CURRENT ADT	7427
DESIGN SPEED	___ MPH	DESIGN YEAR ADT	
PAVEMENT WIDTH	VARIABLE	DHV	
SHOULDER WIDTH	N/A	D	55
		T	5%

PENNSYLVANIA ONE CALL SYSTEM, INC.  
CALL 3 BUSINESS DAYS BEFORE YOU DIG!  
1-800-242-1776 or 8-1-1

POCS SERIAL NO: 20192491497  
South Side W 8th St. (Ward 3)  
DATE: 09-06-2019

POCS SERIAL NO: 20192491498  
North Side W 8TH ST. (WARD 4)  
DATE: 09-06-2019

POCS SERIAL NO: 20192491496  
MILLCREEK TWP  
DATE: 09-06-2019



LOCATION MAP  
NOT TO SCALE

PROJECT LOCATION

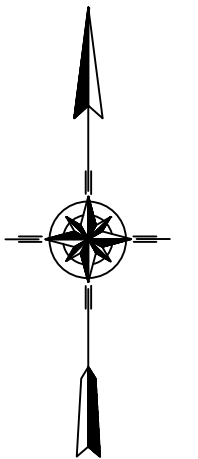
75% PRELIMINARY FOR  
REVIEW AND COMMENT ONLY  
DATE: 11/19/2020

RECOMMENDED DATE: \_\_\_\_\_

DISTRICT EXECUTIVE \_\_\_\_\_

PREPARED BY:  
CITY OF ERIE  
BUREAU OF ENGINEERING  
626 STATE STREET, ROOM 400  
ERIE, PA 16501

BUREAU OF ENGINEERING DEPT. OF PUBLIC WORKS CITY OF ERIE			
WEST 8TH STREET CORRIDOR IMPROVEMENT PROJECT PITTSBURGH AVENUE TO GREENGARDEN ROAD.			
DATE	2020	DESIGN BY	J.SAYERS, P.E.
DRAWN BY	ENGINEERING	DRAWER NO.	
CHECKED BY		DRAWING NO.	
SCALE	AS NOTED	SHEET	1 of ___
DATE	APPROVED BY: JON TUSHAK, P.E. CITY ENGINEER		



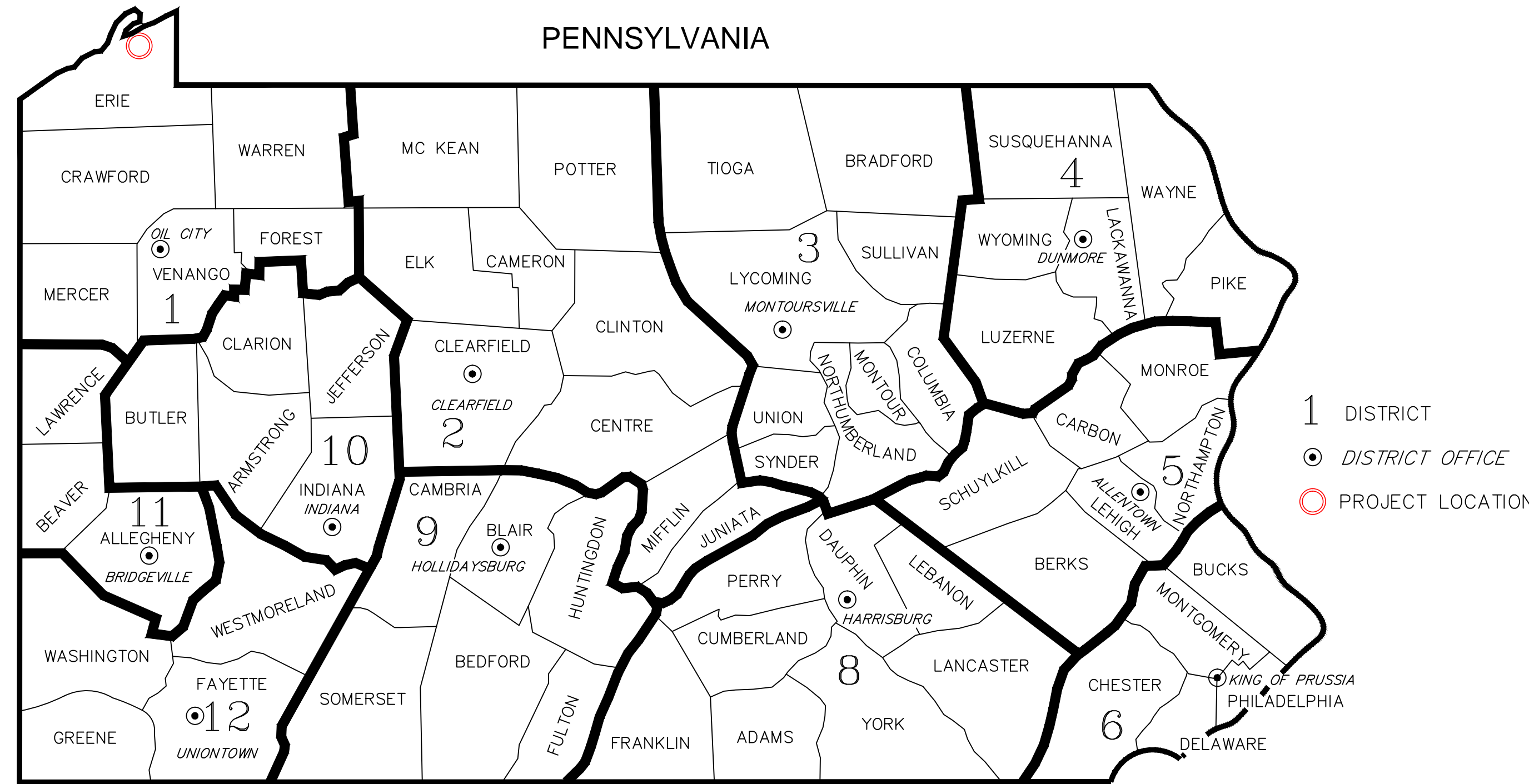
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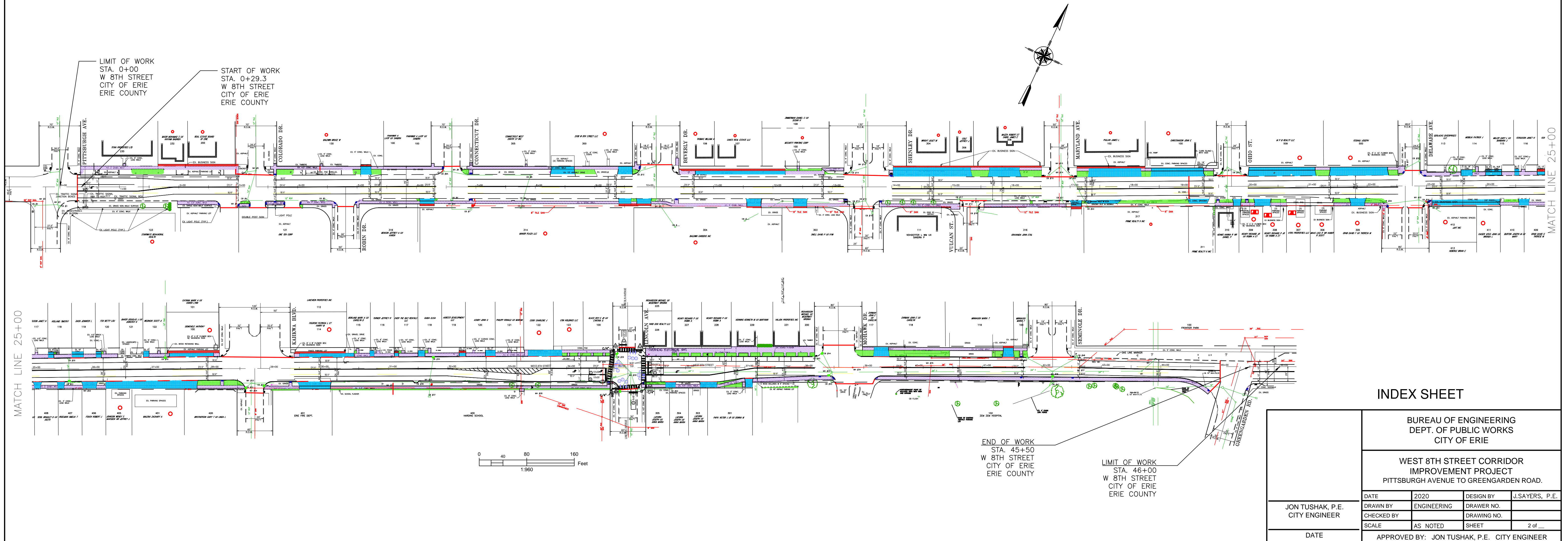
**SHEET INDEX**

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- 1 DISTRICT
- DISTRICT OFFICE
- PROJECT LOCATION



**INDEX SHEET**

BUREAU OF ENGINEERING DEPT. OF PUBLIC WORKS CITY OF ERIE			
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TABULATION OF BENCHMARKS			
STATION	SIDE	ELEVATION	DESCRIPTION
0+16	LT	128.17	HYDRANT NE CORNER W 8TH & PITTSBURGH
3+46	LT	126.54	HYDRANT NE CORNER W 8TH & COLORADO
6+21	LT	125.96	HYDRANT NW CORNER W 8TH & CONNECTICUT
13+96	LT	118.85	HYDRANT NE CORNER W 8TH & SHENLEY
19+30	LT	115.89	HYDRANT NW CORNER W 8TH & OHIO
22+91	LT	113.27	HYDRANT NE CORNER W 8TH & DELAWARE
28+30	LT	110.04	HYDRANT NW CORNER W 8TH & KAHKWA
35+17	LT	104.81	HYDRANT NE CORNER W 8TH & LINCOLN
38+88	LT	103.19	HYDRANT NE CORNER W 8TH & MOHAWK

**TABULATION OF OVERALL LENGTH**  
 STA. 00+00 TO STA. 46+00 = 4600 FT = 0.87 MILE

**TABULATION OF CONSTRUCTION LENGTH**  
 STA. 00+29 TO STA. 45+50 = 4521 FT = 0.86 MILE

**EQUALITIES**  
 NONE

**PROJECT NOTES:**

- THE LEGAL RIGHT-OF-WAY FOR WEST 8TH STREET IS AS FOLLOWS:  
 70 FEET ± PITTSBURGH AVE. TO MOHAWK DR.  
 60 FEET MOHAWK DR. TO GREENGARDEN RD.  
 ALL RIGHT-OF-WAY INFORMATION IS SUPPLIED BY THE CITY OF ERIE WARD BOOK 3-1 AND WARD BOOK 4-1.
- CONSTRUCT PROJECT IN ACCORDANCE WITH PUBLICATION 408 SPECIFICATIONS, LATEST VERSION.
- DO NOT INTERFERE WITH THE OPERATION OF ANY FIRE HYDRANT, FIRE CALL BOX OR POLICE CALL BOX.
- THERE ARE NO EQUALITIES.
- DETAILS OTHER THAN THOSE INDICATED, ARE ON THE FOLLOWING STANDARD DRAWINGS:  
 RC-64M APPROVED JUNE 1, 2010  
 RC-67M APPROVED JUNE 10, 2013  
 RC-72M APPROVED FEBRUARY 8, 2019  
 RC-21M APPROVED JUNE 1, 2010  
 RC-91M APPROVED JUNE 1, 2010
- WORK ZONE TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH PUBLICATION 213 (LATEST VERSION) INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:  
 PATA 101 PATA 128  
 PATA 102 PATA 129  
 PATA 103
- THE DEPARTMENT RESERVES THE RIGHT TO ELIMINATE ANY OR ALL OF THIS WORK. DO NOT PERFORM WORK EXCEPT THAT WHICH IS WITHIN THE HIGHWAY RIGHT-OF-WAY UNTIL SO ORDERED IN WRITING BY THE ENGINEER. (THIS NOTE APPLIES TO DRIVEWAY ADJUSTMENTS AND OTHER SIMILAR WORK EXTENDING BEYOND THE RIGHT-OF-WAY. THIS SYMBOL SHALL APPEAR IN THE REMARKS SECTION OF THE TABULATIONS.)

**NOTES:**

- CONTRACTOR SHALL ADJUST ALL UTILITY VALVES AND MANHOLES TO MATCH FINAL GRADES. CONTRACTOR SHALL COORDINATE ADJUSTMENTS WITH UTILITIES. ADJUSTMENTS SHALL BE INCIDENTAL.
- PROPOSED MILLING AND RESURFACING ADJACENT TO THE CURB IS INDICATED ON THE DETAIL SHEET.

**CONTRACTOR NOTES:**

- WORK IN ROADWAYS SHALL BE IN ACCORDANCE WITH LATEST REVISIONS OF PENNDOT PUBLICATION 408, AND APPLICABLE ROADWAY CONSTRUCTION (RC) STANDARDS. OVERNIGHT STORAGE OF MATERIALS WITHIN THE ROADWAY IS NOT PERMITTED.
- THE CONTRACTOR SHALL CONTACT THE CITY TRAFFIC ENGINEER FOR LOCATIONS OF SIGNAL LINES AND LOOPS BEFORE DIGGING OR SAWCUTTING NEAR SIGNALIZED INTERSECTIONS.
- THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR BURIED UTILITIES AND SEWER SERVICE LATERALS, INCLUDING CAREFUL HAND EXCAVATION IF APPROPRIATE. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ANY UTILITY OR SERVICE CONNECTION DAMAGED BY CONSTRUCTION, AND FOR THE RECONNECTION OF ALL DISRUPTED SERVICES.
- ALL PAVEMENT AND SIDEWALK SHALL BE NEATLY SAWCUT BEFORE REMOVAL. PAVEMENT AND SIDEWALK TO REMAIN SHALL BE PROTECTED FROM DAMAGE FROM STEEL VEHICLE TRACKS.
- ALL REMOVED, UNUSED CASTINGS, HOODS AND GRATES REMAIN CITY PROPERTY AND SHALL BE DELIVERED TO THE BUREAU OF SEWERS BY THE CONTRACTOR. (68 PORT ACCESS ROAD, ERIE, PA)
- THE CONTRACTOR SHALL RESTORE ALL DAMAGED AND DISTURBED AREAS, UTILITIES AND STRUCTURES AT NO ADDED EXPENSE TO THE CITY OR PROPERTY OWNERS.
- PROJECT SAFETY IS SOLELY THE CONTRACTOR'S RESPONSIBILITY.
- IF REMOVED DURING CONSTRUCTION, SIGNS SHALL BE REPLACED BY THE CONTRACTOR.

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TABULATION OF DRIVEWAYS				
REMARKS	LOT	SIDE	STATIONS *	WIDTH *
DRIVEWAY	130	LT	5+06 TO 5+23	17 FT
DRIVEWAY	314	RT	6+06 TO 6+30	24 FT
DRIVEWAY	300	LT	8+27 TO 8+66	39 FT
DRIVEWAY	300	LT	9+39 TO 9+63	24 FT
DRIVEWAY	314	RT	9+41 TO 9+61	20 FT
DRIVEWAY	304	RT	9+71 TO 9+95	24 FT
DRIVEWAY	304	RT	11+56 TO 11+80	24 FT
DRIVEWAY	106,107,100	LT	10+69 TO 12+20	151 FT
DRIVEWAY	303	RT	12+35 TO 12+57	22 FT
DRIVEWAY	304,306	LT	14+02 TO 15+32	130 FT
DRIVEWAY	308	LT	15+64 TO 16+14	50 FT
DRIVEWAY	316	RT	17+02 TO 17+20	18 FT
DRIVEWAY	102	LT	17+32 TO 18+19	87 FT
DRIVEWAY	100	LT	18+37 TO 19+25	88 FT
DRIVEWAY	310,309	RT	19+75 TO 19+88	13 FT
DRIVEWAY	509	LT	19+99 TO 21+12	113 FT
DRIVEWAY	309,308	RT	20+11 TO 20+37	26 FT
DRIVEWAY	500	LT	21+38 TO 22+35	97 FT
DRIVEWAY	305	RT	21+72 TO 21+96	24 FT
DRIVEWAY	412,411	RT	23+09 TO 24+24	115 FT
DRIVEWAY	114	LT	23+58 TO 23+77	19 FT
DRIVEWAY	114,115	LT	23+99 TO 24+26	27 FT
DRIVEWAY	116	LT	24+48 TO 24+55	7 FT
DRIVEWAY	410,409	RT	24+46 TO 24+72	16 FT
DRIVEWAY	116,117	LT	24+86 TO 24+99	13 FT
DRIVEWAY	408	RT	25+04 TO 25+14	10 FT
DRIVEWAY	118	LT	25+28 TO 25+37	9 FT
DRIVEWAY	407	RT	25+44 TO 25+54	10 FT
DRIVEWAY	119	LT	25+67 TO 25+86	19 FT
DRIVEWAY	406	RT	25+86 TO 26+09	23 FT
DRIVEWAY	120	LT	26+08 TO 26+17	9 FT
DRIVEWAY	405,401,426	RT	26+24 TO 27+78	154 FT
DRIVEWAY	122	LT	26+88 TO 26+98	10 FT
DRIVEWAY	100	LT	27+31 TO 28+06	75 FT
DRIVEWAY	114,115	LT	29+50 TO 30+42	92 FT
DRIVEWAY	401	RT	29+50 TO 30+03	53 FT
DRIVEWAY	116	LT	30+69 TO 30+76	7 FT
DRIVEWAY	117	LT	31+10 TO 31+17	7 FT
DRIVEWAY	118	LT	31+50 TO 31+62	12 FT
DRIVEWAY	119	LT	32+19 TO 32+30	11 FT
DRIVEWAY	120	LT	32+63 TO 32+80	17 FT
DRIVEWAY	122,123	LT	33+35 TO 33+92	57 FT
DRIVEWAY	305,304	RT	35+67 TO 35+83	16 FT
DRIVEWAY	303,301	RT	36+25 TO 36+53	28 FT
DRIVEWAY	301	RT	37+01 TO 37+13	12 FT
DRIVEWAY	117,118	LT	39+18 TO 39+42	24 FT
DRIVEWAY	119	LT	41+35 TO 41.52	17 FT

\* STATIONS AND WIDTHS DO NOT INCLUDE THE FLARED SIDES.

**PUBLIC UTILITIES**

Penelec  
 5404 Evans Rd.  
 PO Box 1101  
 Erie, PA 16558  
 Attn: Jeannie Beeler  
 (814-868-8709)

Erie Water Works  
 240 West 12th Street  
 Erie, PA 16501  
 Attn: Chad Ellsworth  
 (814-870-8000)

Verizon North LLC.  
 20 East 10th St.  
 Erie, PA 16501  
 Attn: Eric Rodrigues  
 (814-871-2317)

City of Erie (Sewer)  
 626 State St. Rm 400  
 Erie, PA 16501  
 Attn: Jason Sayers  
 (814-870-1397)

Charter Communications  
 3315 N.Ridge RD. E.  
 Suite #100  
 Ashtabula, OH 44004  
 Attn: Jason Sprague  
 (440-261-4607)

Level 3 Communications  
 200 Technology Drive  
 Pittsburgh, PA 15219  
 Attn: Steve Putt  
 (412-770-9285)

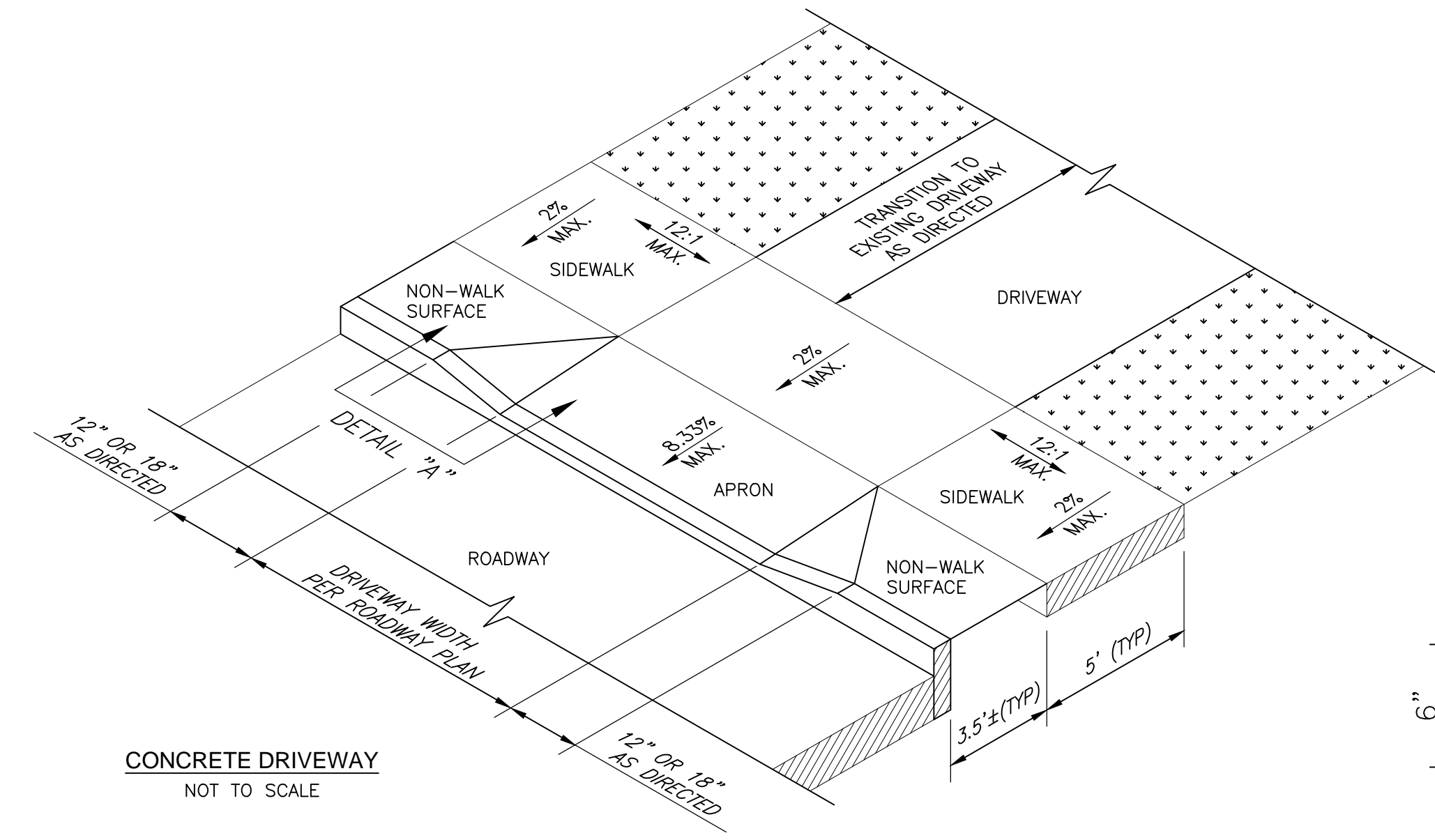
National Fuel Gas Dist.  
 1100 State Street  
 P.O. Box 2081  
 Erie, PA 16512  
 Attn: Jason Fleek  
 (814-871-8633)

EXISTING SIGN SURVEY				
STATION	OFFSET	MOUNT	TYPE	NOTES
X + XX	X' R or X' L	e.g. UTILITY POLE	e.g. SNOW EMERGENCY ROUTE	e.g. SIGN TO REMAIN
0 + 71	29' R	POST	SPEED LIMIT	SIGN TO REMAIN
1 + 34	27' R	POST	SNOW EMERGENCY ROUTE & NO PARKING ANYTIME	SIGN TO REMAIN
3 + 6	24' L	UTILITY POLE	SPEED LIMIT	SIGN TO REMAIN
4 + 97	24' L	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
8 + 25	24' L	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
10 + 57	24' L	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
11 + 83	23' L	UTILITY POLE	SNOW EMERGENCY ROUTE	SIGN TO REMAIN
11 + 84	26' R	UTILITY POLE	NO PARKING ANYTIME	SIGN TO REMAIN
12 + 16	27' R	POST	ADOPT A HIGHWAY	SIGN TO REMAIN
13 + 5	24' L	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
13 + 19	24' R	UTILITY POLE	SPEED LIMIT	SIGN TO REMAIN
15 + 32	24' L	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
16 + 28	24' L	UTILITY POLE	SPEED LIMIT	SIGN TO REMAIN
17 + 30	24' L	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
18 + 94	24' R	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
19 + 47	21' L	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
20 + 43	21' L	UTILITY POLE	SNOW EMERGENCY	SIGN TO REMAIN
20 + 63	21' R	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
21 + 28	22' L	UTILITY POLE	SNOW EMERGENCY	SIGN TO REMAIN
21 + 45	24' R	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
23 + 42	18' L	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
24 + 26	21' R	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
26 + 22	24' R	UTILITY POLE	SNOW EMERGENCY & SPEED LIMIT	SIGN TO REMAIN
26 + 39	20' L	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
27 + 29	20' L	UTILITY POLE	SPEED LIMIT	SIGN TO REMAIN
28 + 12	20' L	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
30 + 30	20' L	UTILITY POLE	END SCHOOL ZONE	SIGN TO REMAIN
30 + 90	24' R	POST	SCHOOL WARNING	SIGN TO REMAIN
31 + 23	25' R	POST	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
32 + 15	20' L	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
34 + 25	20' L	UTILITY POLE	30 MINUTE PARKING	SIGN TO REMAIN
34 + 71	25' R	UTILITY POLE	NO PARKING 2 AM-6 AM EXCEPT SAT & SUN	SIGN TO REMAIN
36 + 70	24' R	POST	SPEED LIMIT	SIGN TO REMAIN
36 + 74	20' L	UTILITY POLE	30 MINUTE PARKING	SIGN TO REMAIN
37 + 31	22' L	POST	SPEED LIMIT	SIGN TO REMAIN
37 + 82	25' R	POST	END SCHOOL ZONE & NO PARKING ANYTIME	SIGN TO REMAIN
38 + 13	20' L	UTILITY POLE	30 MINUTE PARKING	SIGN TO REMAIN
40 + 36	20' L	UTILITY POLE	SCHOOL WARNING	SIGN TO REMAIN
41 + 60	26' R	POST	EAST ALTERNATE ROUTE 5 & HOSPITAL	SIGN TO REMAIN
41 + 60	28' R	POST	LAKE ERIE CIRCLE TOUR	SIGN TO REMAIN
42 + 1	25' R	DOUBLE POST	LAKE ERIE CIRCLE TOUR & LARGE DOUBLE ARROW	SIGN TO REMAIN
43 + 60	18' L	POST	SEAWAY TRAIL & SPEED LIMIT	SIGN TO REMAIN
43 + 60	19' L	WOODEN POST	BLUE LANDMARK DIRECTIONAL SIGNS	SIGN TO REMAIN

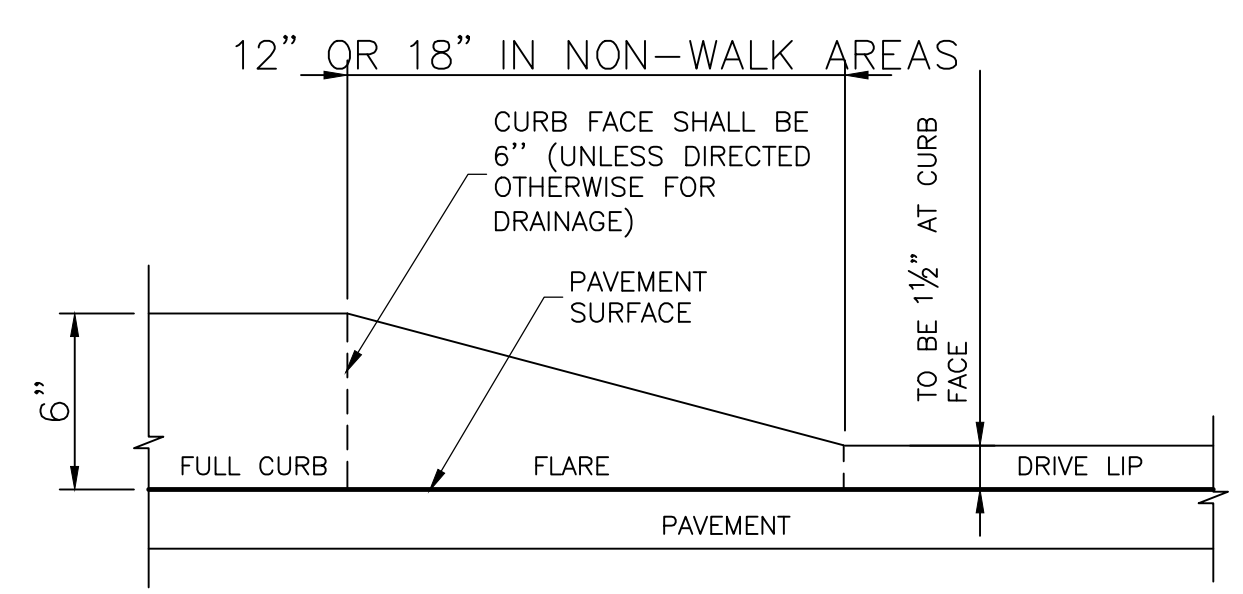
**GENERAL NOTES**

BUREAU OF ENGINEERING DEPT. OF PUBLIC WORKS CITY OF ERIE			
WEST 8TH STREET CORRIDOR IMPROVEMENT PROJECT PITTSBURGH AVENUE TO GREENGARDEN ROAD.			
DATE	2020	DESIGN BY	J.SAYERS, P.E.
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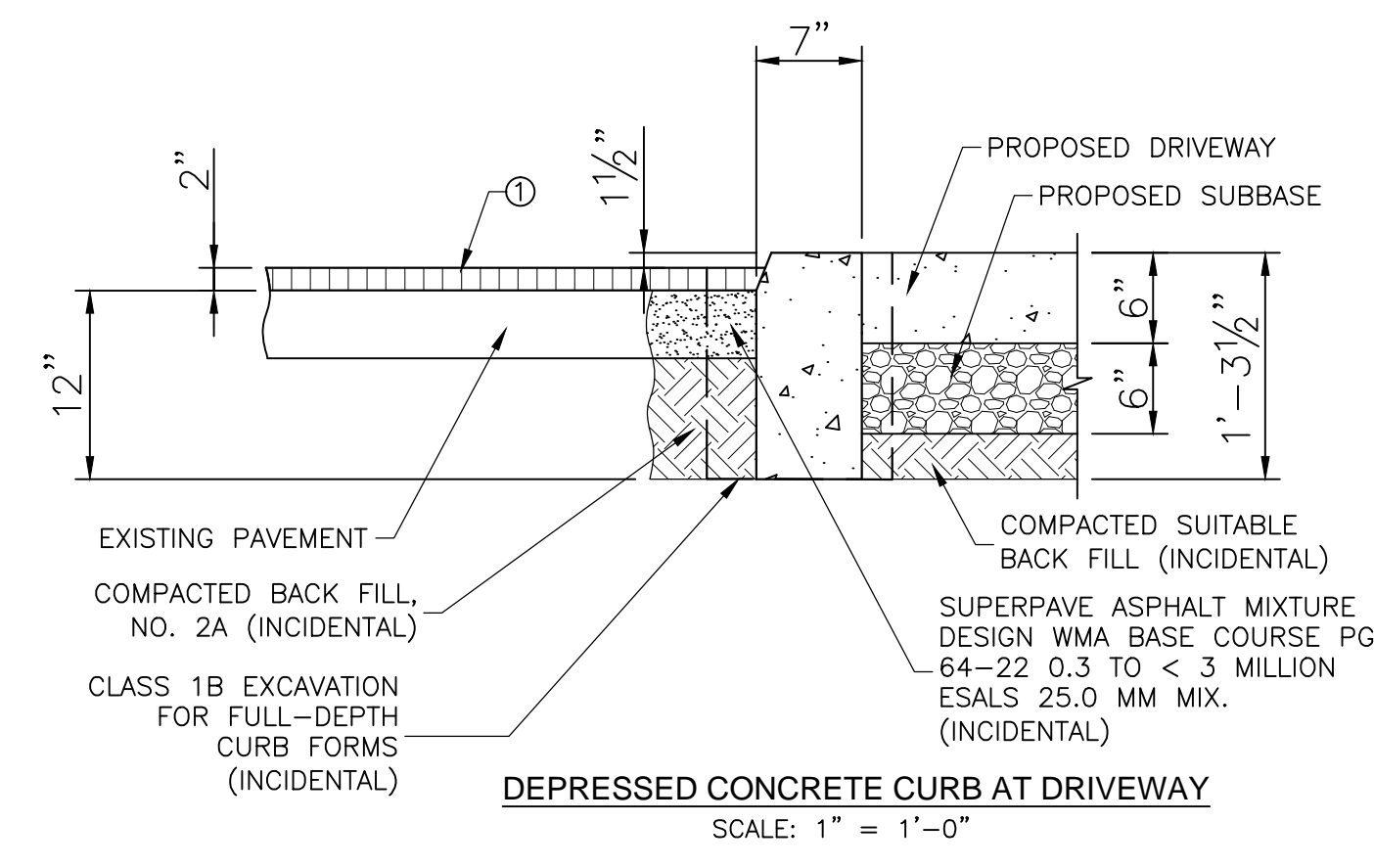
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**CONCRETE DRIVEWAY**  
NOT TO SCALE

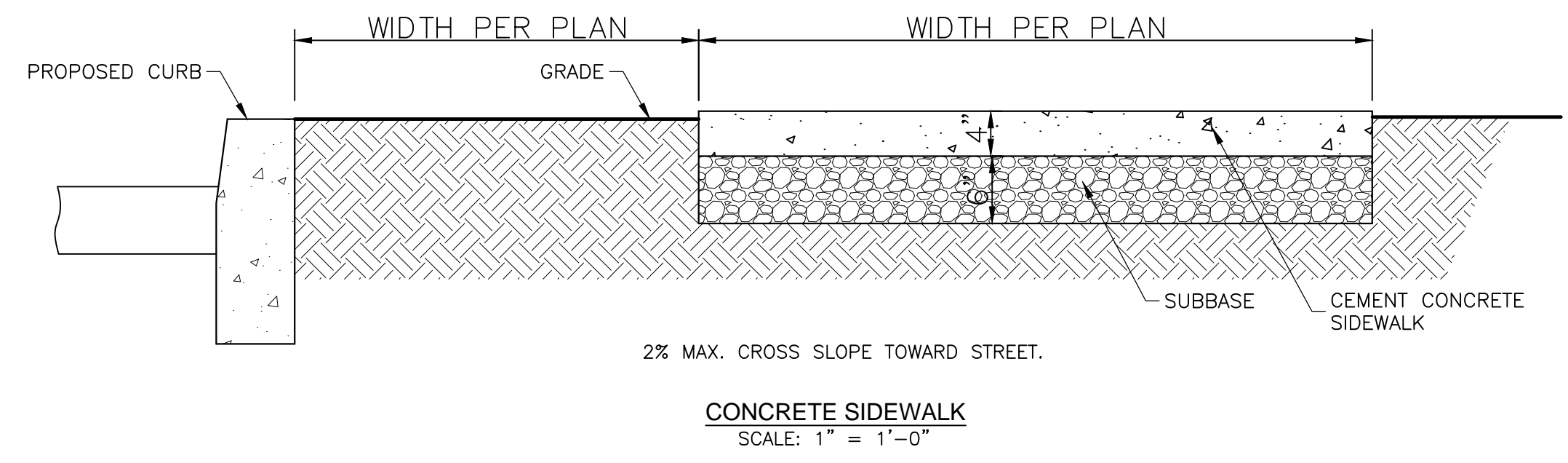


**DETAIL "A"**  
**FOR PROPOSED DRIVEWAY**  
NOT TO SCALE

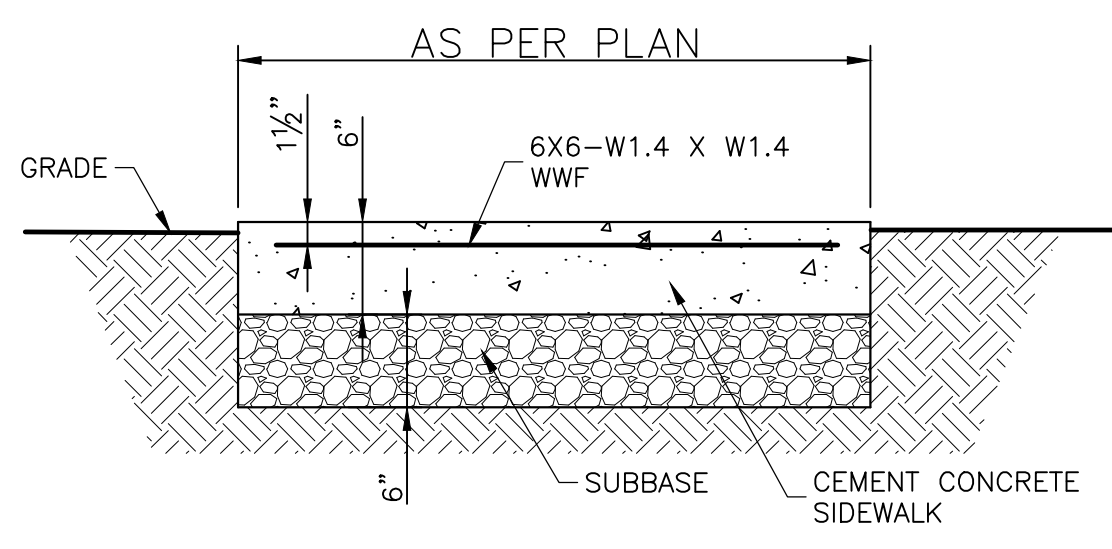


**DEPRESSED CONCRETE CURB AT DRIVEWAY**  
SCALE: 1" = 1'-0"

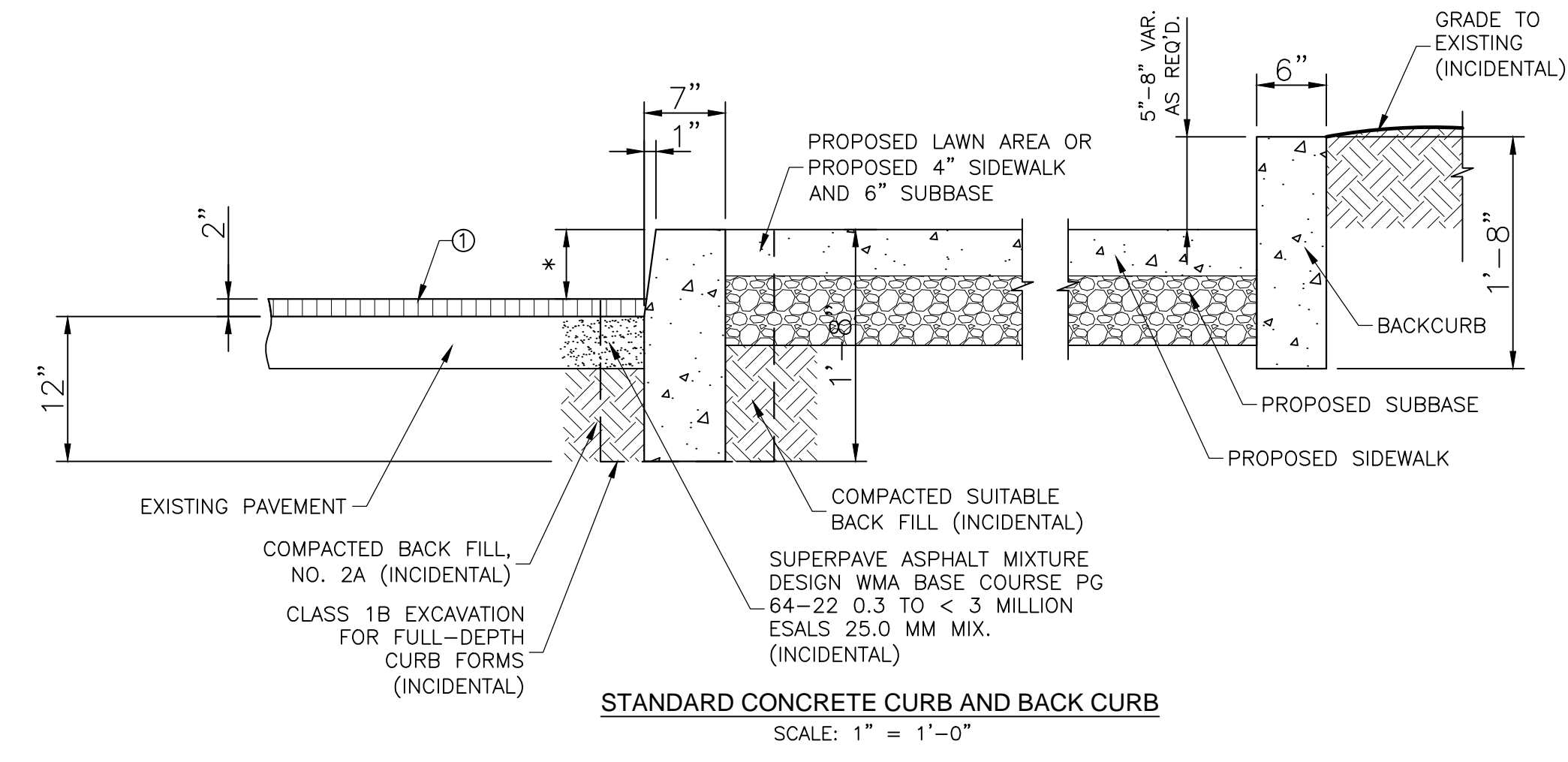
- ① ITEM 0491-0013, MILLING OF BITUMINOUS PAVEMENT SURFACE, 2" DEPTH
  - ITEM 0460-0001, BITUMINOUS TACK COAT
  - ITEM 0411-0492, WMA WEARING COURSE, 1 1/2" DEPTH
  - ITEM 0411-1495, WMA WEARING COURSE (LEVELING), 1/2" DEPTH
- \* REVEAL SHALL BE 6", (UNLESS DIRECTED OTHERWISE FOR DRAINAGE).  
CURB FACE REVEAL SHALL TAPER FROM 6" TO EXISTING REVEAL WITHIN 2' FROM ADJACENT EXISTING CURB.  
STREET SIDE FACE OF CURB SHALL BATTER 8" V : 1" H.



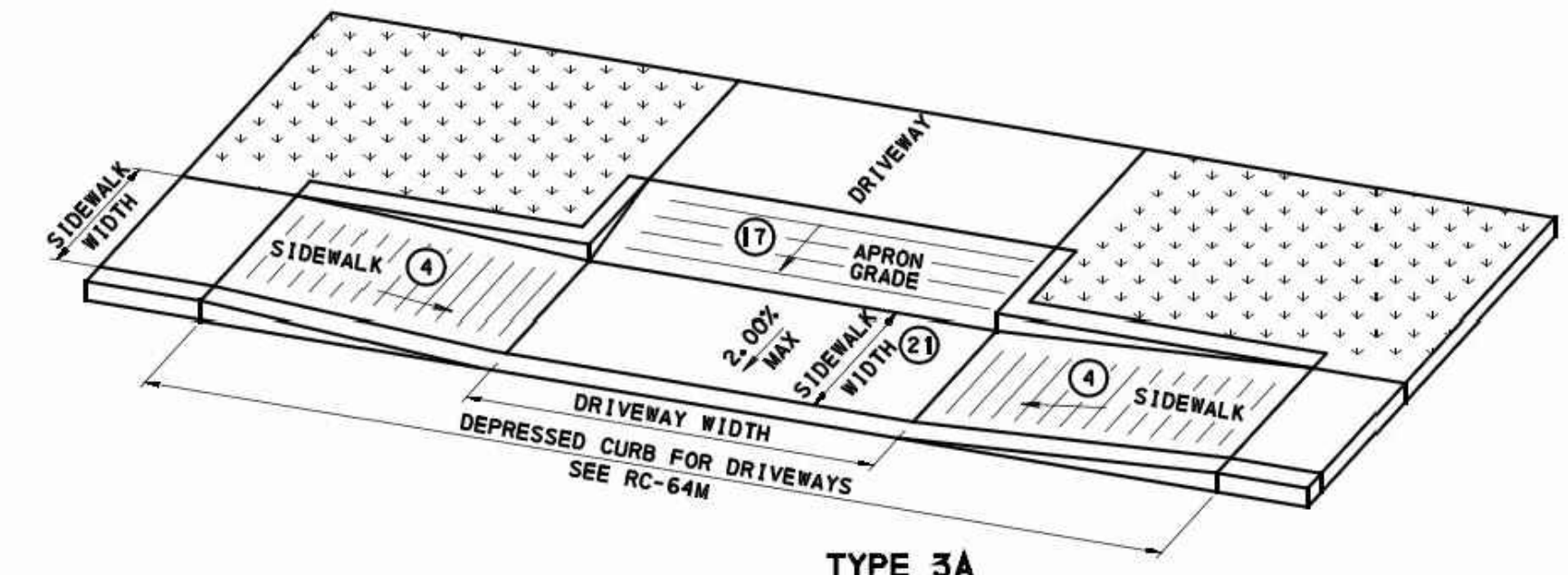
**CONCRETE SIDEWALK**  
SCALE: 1" = 1'-0"



**CONCRETE SIDEWALK AND APRON IN DRIVEWAY LOCATIONS**  
SCALE: 1" = 1'-0"



**STANDARD CONCRETE CURB AND BACK CURB**  
SCALE: 1" = 1'-0"



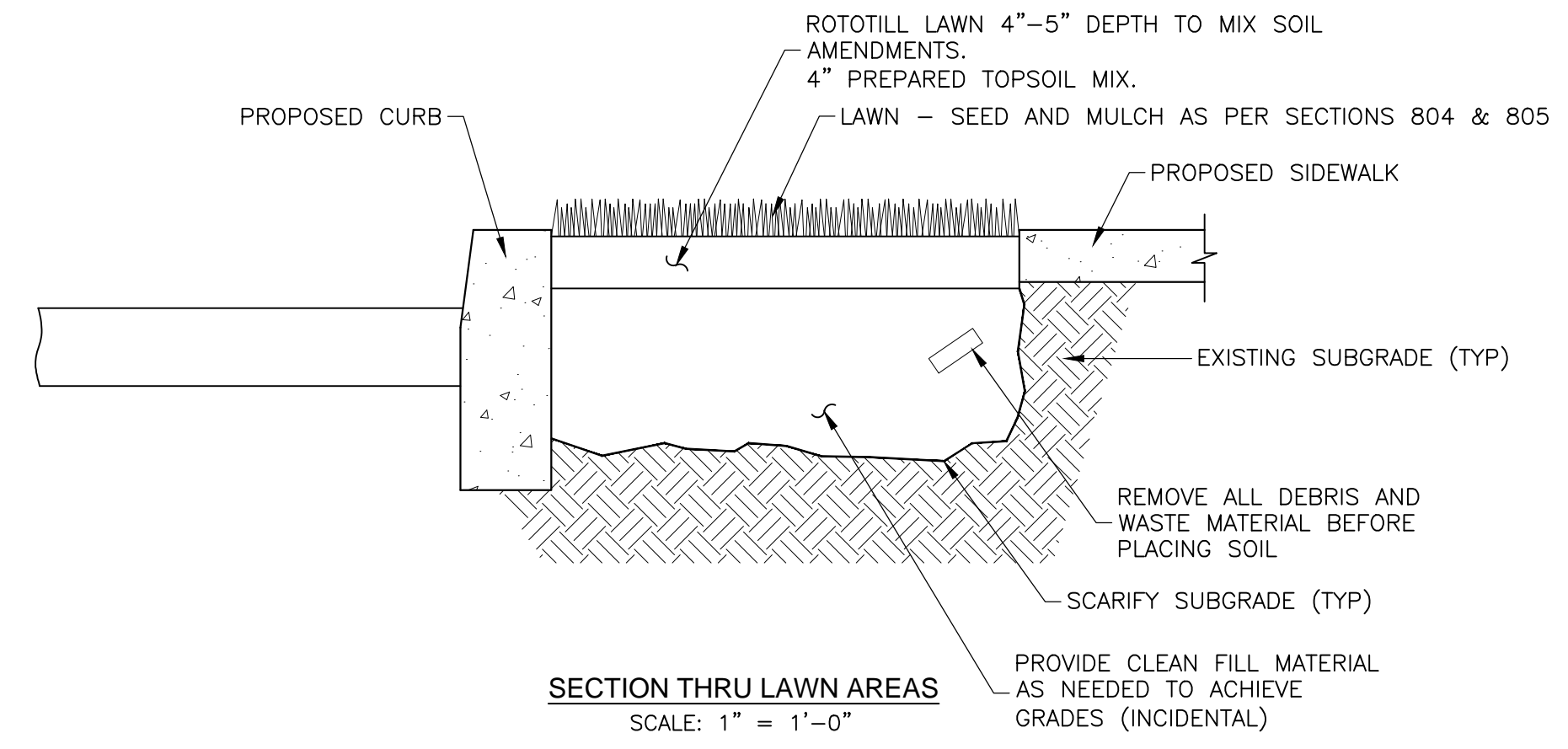
**TYPE 3A DRIVEWAY APRON**

PARALLEL DRIVEWAY CROSSINGS ENHANCE PEDESTRIAN ACCESS AT A DRIVEWAY CROSSING WHEN THERE IS NO ROOM TO TRANSITION THE GRADES AND PROVIDE A CONTINUOUS SIDEWALK WIDTH WITH A 2.00% CROSS SLOPE. PARALLEL DRIVEWAY CROSSINGS ARE NOT AS DESIRABLE AS OTHER ACCESSIBLE DRIVEWAY CROSSINGS BECAUSE USERS ARE FORCED TO NEGOTIATE TWO RAMPS INSTEAD OF A LEVEL SURFACE.

- ④ 8.33% MAX SLOPE
- ⑦ 8% MAX CHANGE IN GRADE BETWEEN ROAD SURFACE AND DRIVEWAY
- ② MINIMUM SIDEWALK WIDTH 1525 (5'-0")

**NOTE: CERTAIN SITE CONDITIONS MAY REQUIRE CONSTRUCTING ADDITIONAL CHEEK WALL CURBING TO INSTALL THIS TYPE OF CROSSING. THIS IS LESS PREFERRED DUE TO THE CHANGE IN SLOPE FOR THE PEDESTRIAN.**

**FIGURE 7.7**  
**Type 3A Driveway Apron**



**SECTION THRU LAWN AREAS**  
SCALE: 1" = 1'-0"

**CONSTRUCTION DETAILS**

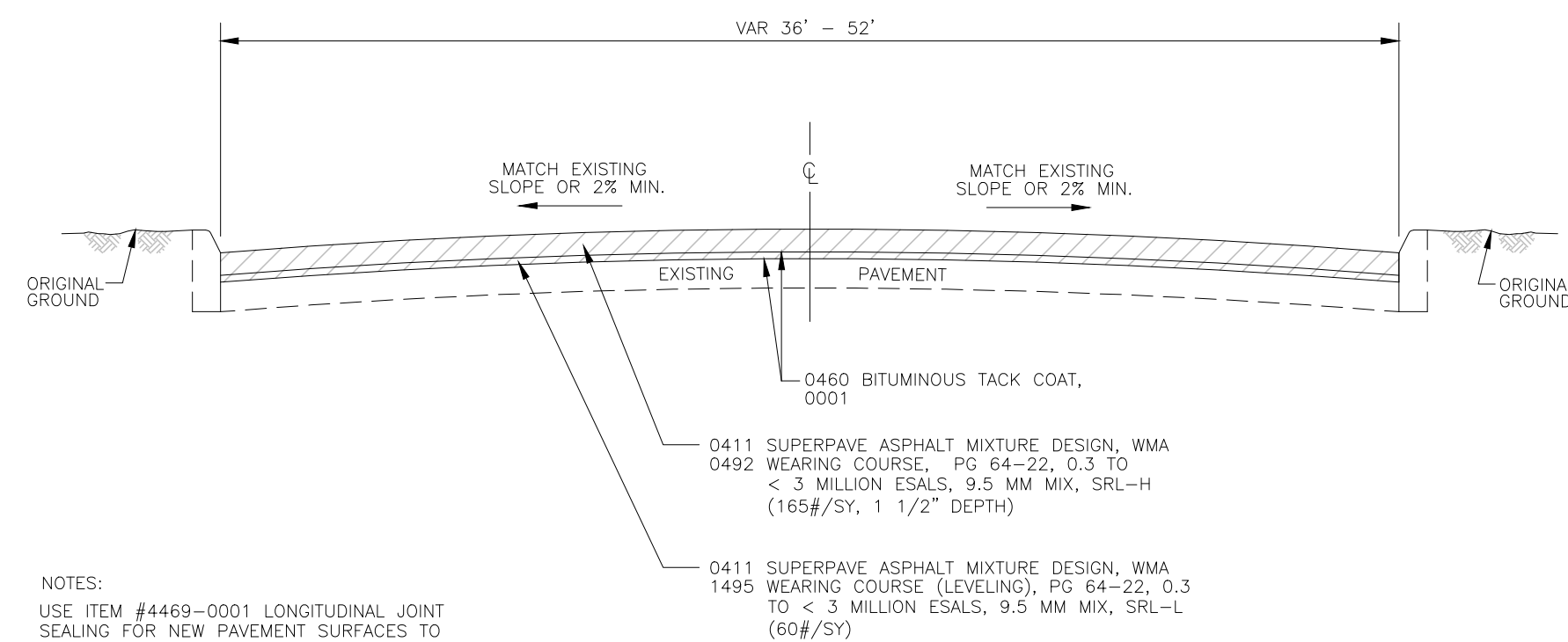
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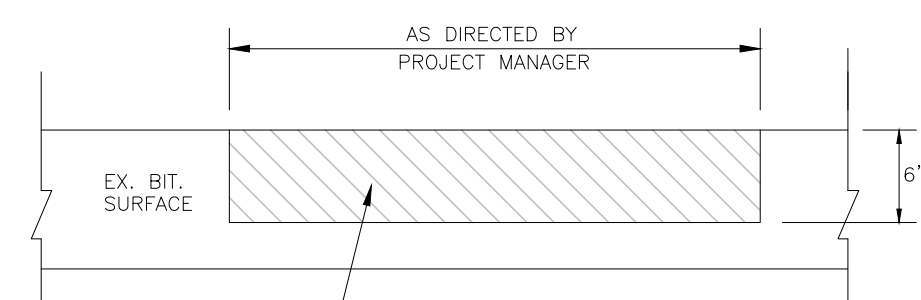
## 7080Z 7080T 5352M Assembly



NOTES:  
USE ITEM #4469-0001 LONGITUDINAL JOINT SEALING FOR NEW PAVEMENT SURFACES TO SEAL LONGITUDINAL PAVING JOINTS.

0491 MILLING OF BITUMINOUS PAVEMENT SURFACE, 0013 2" DEPTH, MILLED MATERIAL RETAINED BY CONTRACTOR (2" TARGET DEPTH-MILL CURB TO CURB)

TYPICAL MILLED SECTION  
NOT TO SCALE

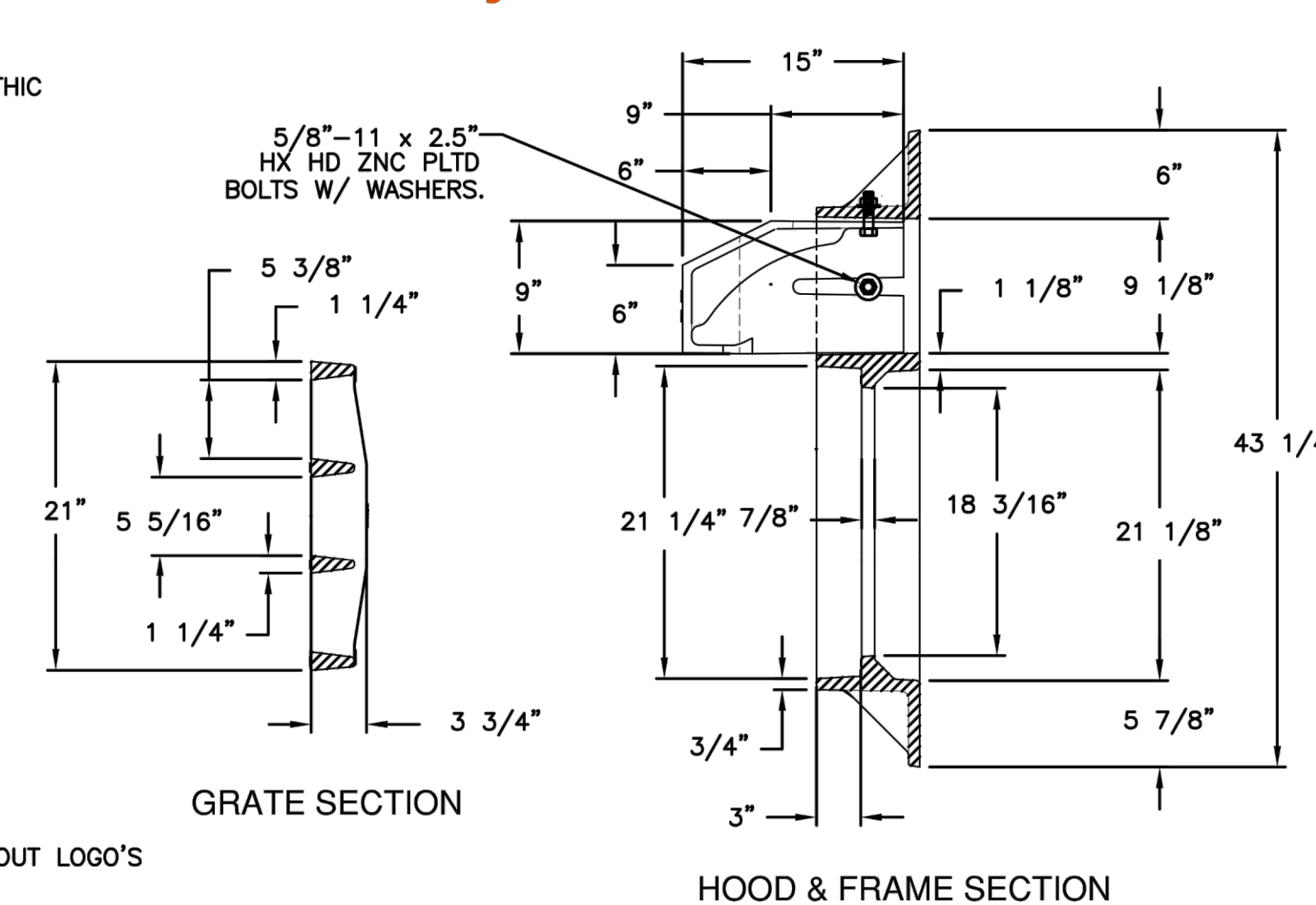
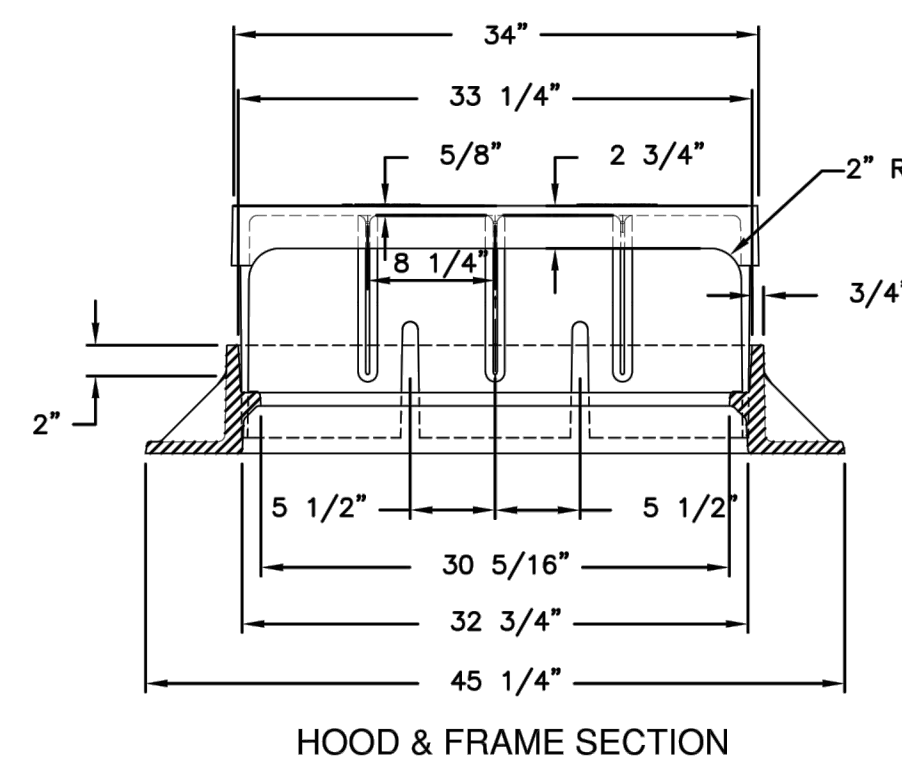
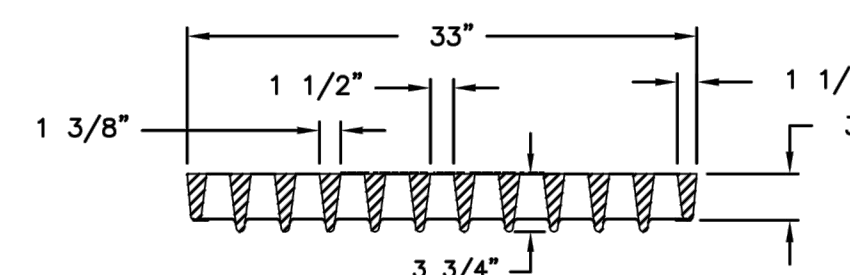
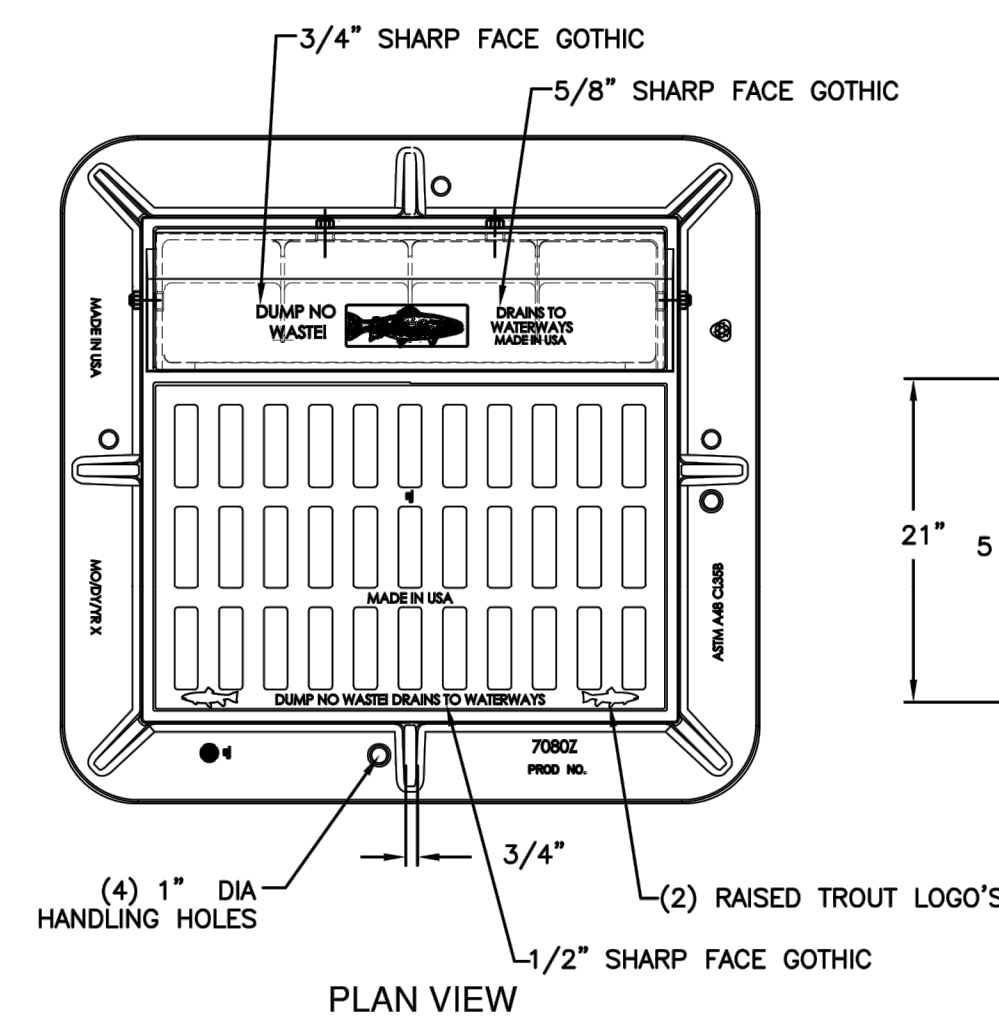


USE ITEM # 0316-0437 FOR LONGITUDINAL AND TRANSVERSE BASE REPAIR  
0316 SUPERPAVE ASPHALT MIXTURE DESIGN, FLEXIBLE  
0437 BASE REPLACEMENT, PG 64-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX (WARM MIX ASPHALT)

SAW CUTTING, EXCAVATION, HAULING, PG 64-22, FLEXIBLE BASE REPLACEMENT, AND SEALING OF THE JOINTS ARE CONSIDERED AS INCIDENTAL TO ITEM 0316-0437.

BASE REPAIR NOTES:  
- CLEAN ALL VERTICAL SURFACES ON THE AREA TO BE PATCHED AND COAT THE VERTICAL FACES WITH A UNIFORM APPLICATION OF PG 64-22.  
- REPLACE PAVEMENT DISTURBED BY THIS OPERATION WITHIN THE SAME WORKING DAY  
- LENGTH AND WIDTH OF BASE REPAIRS TO BE DETERMINED BY PROJECT MANAGER.

LONGITUDINAL AND TRANSVERSE BASE REPAIR  
NOT TO SCALE



**Product Number**

00708001

**Design Features**

- Materials  
Curb Inlet Frame  
Gray Iron (CL35B)  
Hood  
Gray Iron (CL35B)  
Grate  
Gray Iron (CL35B)

- Design Load  
Heavy Duty
- Open Area  
262 Sq. Inches
- Coating  
Undipped
- √ Designates Machined Surface

**Certification**

- ASTM A48
- 
- Country of Origin: USA

**Major Components**

00708011  
00708061  
00535231

**Drawing Revision**

06/23/2004 Designer: DEW  
02/15/2017 Revised By: DVD

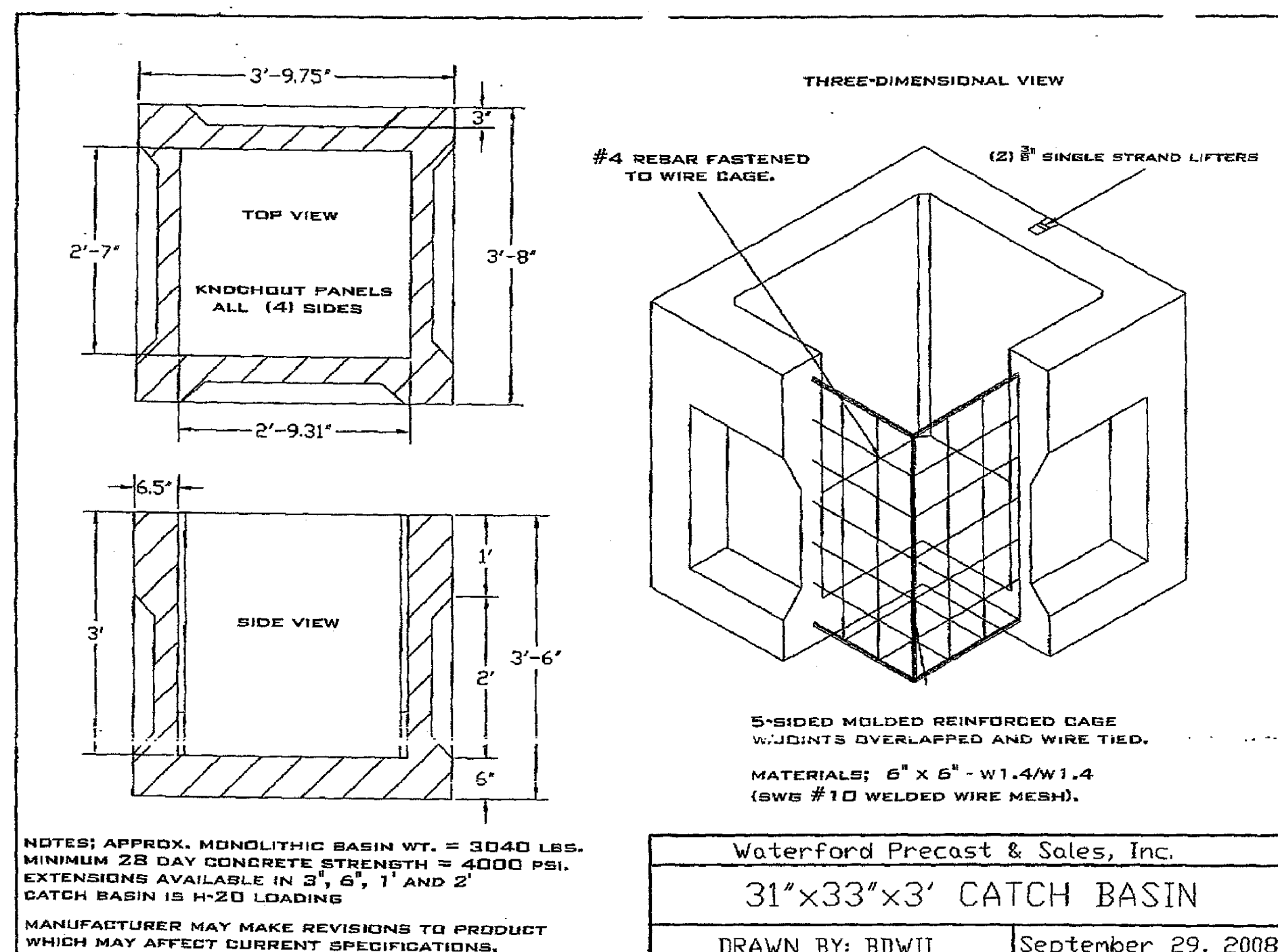
**Disclaimer**

Weights (lbs./kg) dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

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**Contact**

800 626 4653  
ejco.com



NOTES: APPROX. MONOLITHIC BASIN WT. = 3040 LBS.  
MINIMUM 28 DAY CONCRETE STRENGTH = 4000 PSI.  
EXTENSIONS AVAILABLE IN 3', 6', 1' AND 2'  
CATCH BASIN IS H-20 LOADING  
MANUFACTURER MAY MAKE REVISIONS TO PRODUCT WHICH MAY AFFECT CURRENT SPECIFICATIONS.

Waterford Precast & Sales, Inc.

31"x33"x3' CATCH BASIN

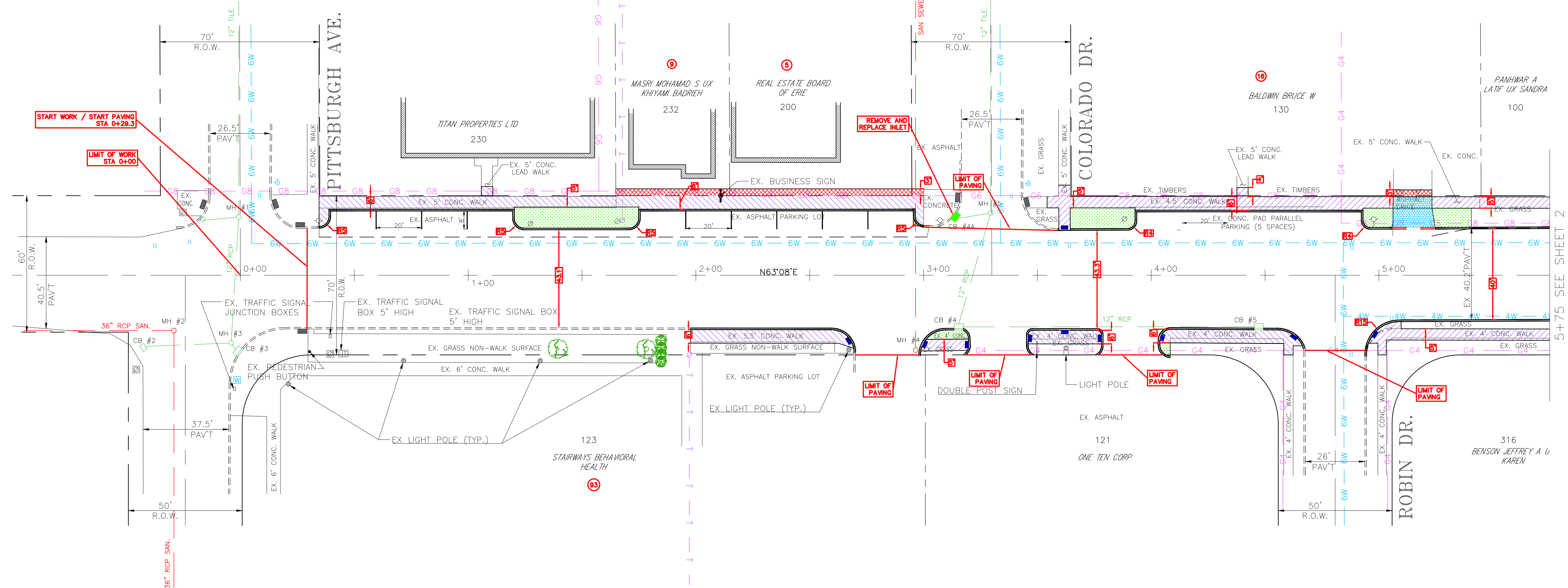
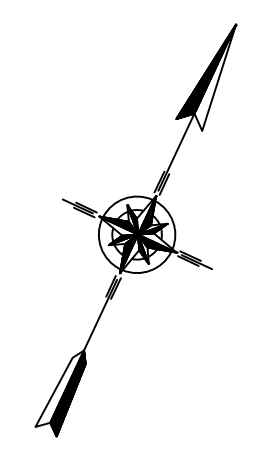
DRAWN BY: BDWII

September 29, 2008

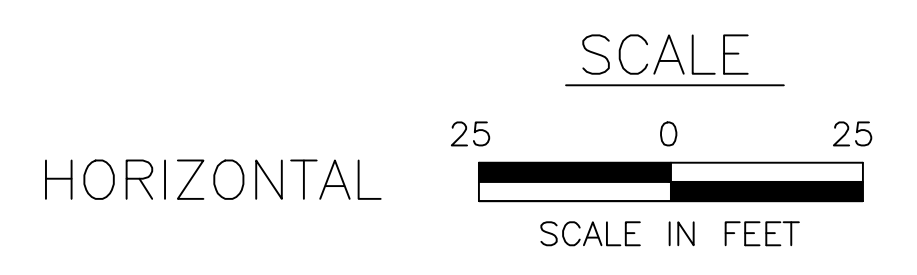
**CONSTRUCTION DETAILS**

BUREAU OF ENGINEERING DEPT. OF PUBLIC WORKS CITY OF ERIE			
WEST 8TH STREET CORRIDOR IMPROVEMENT PROJECT PITTSBURGH AVENUE TO GREENGARDEN ROAD.			
DATE	2020	DESIGN BY	J.SAYERS, P.E.
JON TUSHAK, P.E. CITY ENGINEER	DRAWN BY ENGINEERING	DRAWING NO.	
	CHECKED BY	DRAWING NO.	
	SCALE	SHEET	5 of ___
DATE	APPROVED BY: JON TUSHAK, P.E. CITY ENGINEER		

REVISION NO.	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				01	ERIE	0000	MML	6 of 6
CITY OF ERIE								



NOTE: FOR EXISTING PROFILE SEE SHEET \_\_\_



SYMBOL LEGEND

	ROAD RIGHT-OF-WAY
	EXISTING ROAD CURB
	EXISTING EDGE OF ROAD OR DRIVEWAY
	CENTER OF PAVEMENT
	EXISTING SIDEWALK
	PROPERTY LINE
	LOT NUMBER
	HOUSE NUMBER
	EXISTING ELECTRIC LINE
	EXISTING GAS LINE
	EXISTING SEWER SANITARY
	EXISTING SEWER STORM
	EXISTING WATER LINE
	EXISTING TELEPHONE LINE
	EXISTING TREE
	EXISTING SHRUBS/HEDGES
	EXISTING UTILITY POLE
	EXISTING LIGHT POLE
	EXISTING UTILITY POLE WITH STREET LIGHT
	EXISTING STREET SIGN
	EXISTING UTILITY VALVE
	EXISTING WATER METER
	EXISTING MANHOLE
	EXISTING INLET
	EXISTING FIRE HYDRANT
	EXISTING DETECTABLE WARNING SURFACE (DWS)

STREETSCAPE LEGEND

	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 4" SIDEWALK (0676-0001)
	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 6" PAVEMENT (0501-0296)
	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH LANDSCAPING (0802-0001 AND 0804-0001)
	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH WMA ITEMS (0311-0437, 0411-0485 AND 0460-0001)
	PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
	DEPRESSED PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
	CITY OF ERIE STANDARD INLET ITEM NO. 3000-0002
	PVC STORM SEWER PIPE ITEM NO. 0601-0411
	DETECTABLE WARNING SURFACE (DWS) ITEM NO. 0685-0004
	NUMBER OF PARKING SPACES REQUIRED BY ZONING ORDINANCE.

NOTES:  
ALL UTILITY VALVES AND MANHOLES SHALL BE ADJUSTED TO MATCH FINAL GRADES. CONTRACTOR SHALL COORDINATE ADJUSTMENTS WITH UTILITIES.  
USE CAUTION WHEN REMOVING / REPLACING SIDEWALKS AND DRIVEWAYS - GAS LINE.

75% PRELIMINARY FOR REVIEW AND COMMENT ONLY  
DATE: 11/19/2020

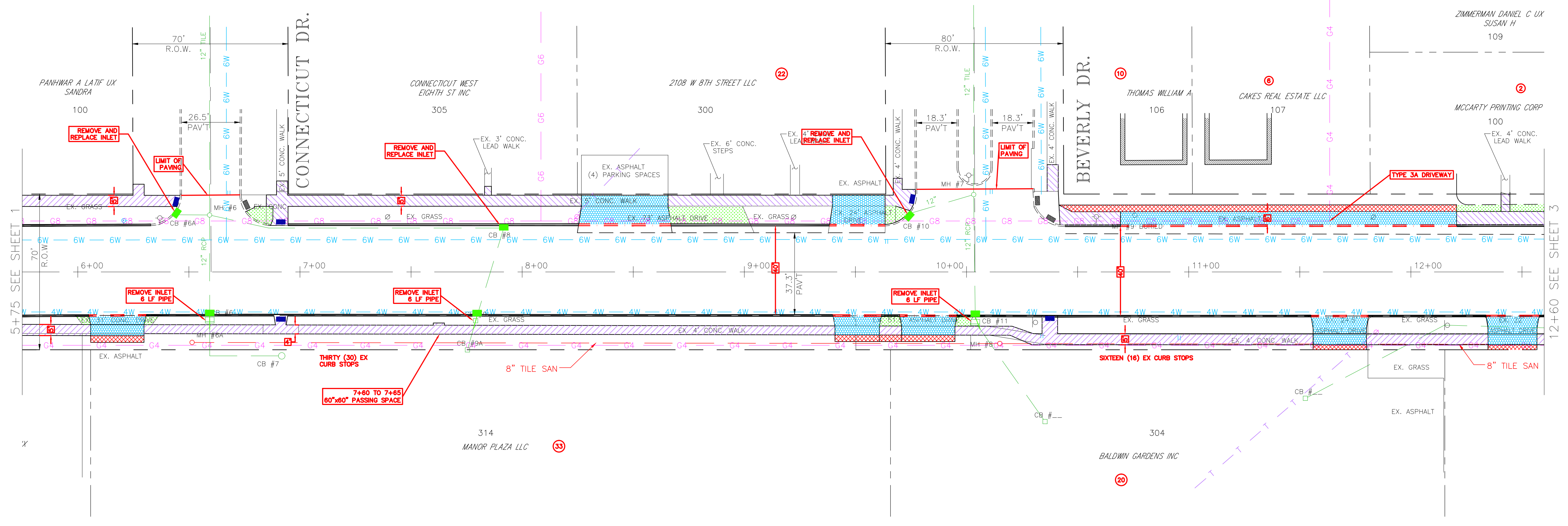
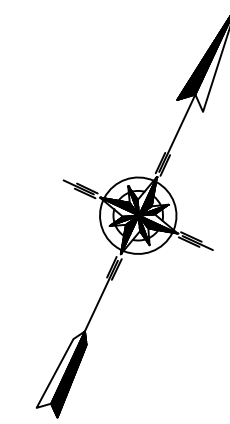
**ROADWAY PLAN**

BUREAU OF ENGINEERING DEPT. OF PUBLIC WORKS CITY OF ERIE			
WEST 8TH STREET CORRIDOR IMPROVEMENT PROJECT PITTSBURGH AVENUE TO GREENGARDEN ROAD.			
DATE	2020	DESIGN BY	J. SAYERS, P.E.
DRAWN BY	ENGINEERING	DRAWER NO.	
CHECKED BY		DRAWING NO.	
SCALE	AS NOTED	SHEET	6 of 6
APPROVED BY: JON TUSHAK, P.E. CITY ENGINEER			

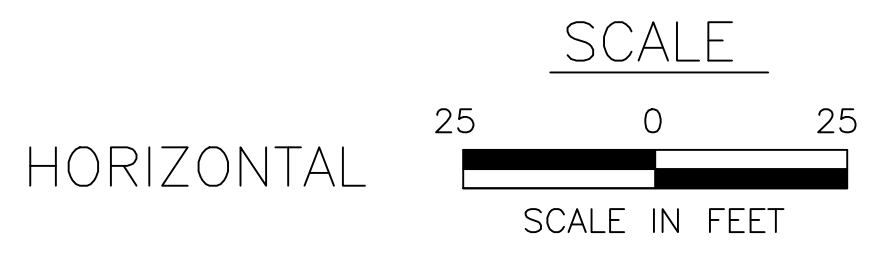
SURVEY BOOK #21

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REVISION NO.	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				01	ERIE	0000	MML	7 of 7
CITY OF ERIE								



NOTE: FOR EXISTING PROFILE SEE SHEET ---



**SYMBOL LEGEND**

---	ROAD RIGHT-OF-WAY
---	EXISTING ROAD CURB
---	EXISTING EDGE OF ROAD OR DRIVEWAY
---	CENTER OF PAVEMENT
---	EXISTING SIDEWALK
---	PROPERTY LINE
---	LOT NUMBER
---	HOUSE NUMBER
---	EXISTING ELECTRIC LINE
---	EXISTING GAS LINE
---	EXISTING SEWER SANITARY
---	EXISTING SEWER STORM
---	EXISTING WATER LINE
---	EXISTING TELEPHONE LINE
---	EXISTING TREE
---	EXISTING SHRUBS/HEDGES
---	EXISTING UTILITY POLE
---	EXISTING LIGHT POLE
---	EXISTING UTILITY POLE WITH STREET LIGHT
---	EXISTING STREET SIGN
---	EXISTING UTILITY VALVE
---	EXISTING WATER METER
---	EXISTING MANHOLE
---	EXISTING INLET
---	EXISTING FIRE HYDRANT
---	EXISTING DETECTABLE WARNING SURFACE (DWS)

**STREETSCAPE LEGEND**

---	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 4" SIDEWALK (0676-0001)
---	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 6" PAVEMENT (0501-0296)
---	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH LANDSCAPING (0802-0001 AND 0804-0001)
---	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH WMA ITEMS (0311-0437, 0411-0485 AND 0460-0001)
---	PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
---	DEPRESSED PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
---	CITY OF ERIE STANDARD INLET ITEM NO. 9000-0002
---	PVC STORM SEWER PIPE ITEM NO. 0601-0411
---	DETECTABLE WARNING SURFACE (DWS) ITEM NO. 0695-0004
---	NUMBER OF PARKING SPACES REQUIRED BY ZONING ORDINANCE

NOTES:  
ALL UTILITY VALVES AND MANHOLES SHALL BE ADJUSTED TO MATCH FINAL GRADES. CONTRACTOR SHALL COORDINATE ADJUSTMENTS WITH UTILITIES.  
USE CAUTION WHEN REMOVING / REPLACING SIDEWALKS AND DRIVEWAYS - GAS LINE.

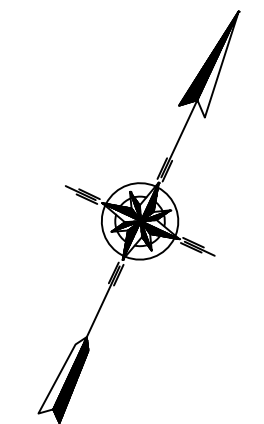
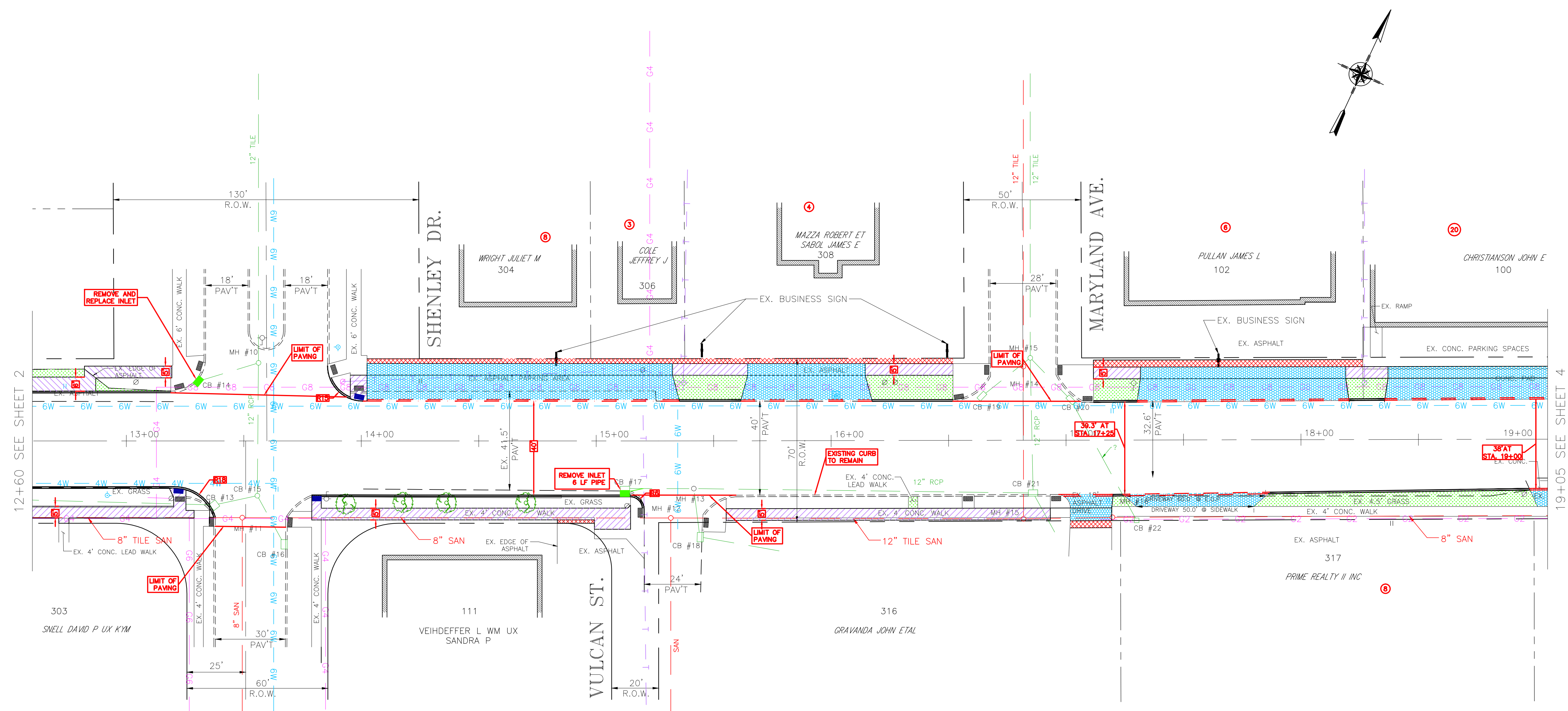
**ROADWAY PLAN**

BUREAU OF ENGINEERING DEPT. OF PUBLIC WORKS CITY OF ERIE			
WEST 8TH STREET CORRIDOR IMPROVEMENT PROJECT PITTSBURGH AVENUE TO GREENGARDEN ROAD.			
DATE	2020	DESIGN BY	J.SAYERS, P.E.
DRAWN BY	ENGINEERING	DRAWER NO.	
CHECKED BY		DRAWING NO.	
SCALE	AS NOTED	SHEET	7 of 7
DATE		APPROVED BY: JON TUSHAK, P.E. CITY ENGINEER	

SURVEY BOOK #21

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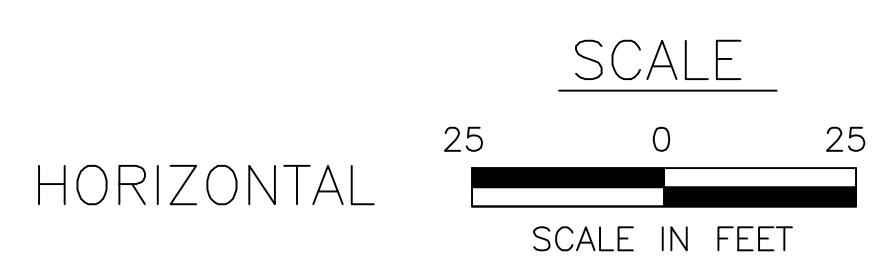
REVISION NO.	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				01	ERIE	0000	MML	8 of _
CITY OF ERIE								



12+60 SEE SHEET 2

19+05 SEE SHEET 4

NOTE: FOR EXISTING PROFILE SEE SHEET



SYMBOL LEGEND

---	ROAD RIGHT-OF-WAY
---	EXISTING ROAD CURB
---	EXISTING EDGE OF ROAD OR DRIVEWAY
---	CENTER OF PAVEMENT
---	EXISTING SIDEWALK
---	PROPERTY LINE
---	LOT NUMBER
---	HOUSE NUMBER
---	EXISTING ELECTRIC LINE
---	EXISTING GAS LINE
---	EXISTING SEWER SANITARY
---	EXISTING SEWER STORM
---	EXISTING WATER LINE
---	EXISTING TELEPHONE LINE
---	EXISTING TREE
---	EXISTING SHRUBS/HEDGES
---	EXISTING UTILITY POLE
---	EXISTING LIGHT POLE
---	EXISTING UTILITY POLE WITH STREET LIGHT
---	EXISTING STREET SIGN
---	EXISTING UTILITY VALVE
---	EXISTING WATER METER
---	EXISTING MANHOLE
---	EXISTING INLET
---	EXISTING FIRE HYDRANT
---	EXISTING DETECTABLE WARNING SURFACE (DWS)

STREETSCAPE LEGEND

---	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 4" SIDEWALK (0676-0001)
---	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 6" PAVEMENT (0501-0296)
---	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH LANDSCAPING (0802-0001 AND 0804-0001)
---	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH WMA ITEMS (0311-0437, 0411-0485 AND 0460-0001)
---	PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
---	DEPRESSED PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
---	CITY OF ERIE STANDARD INLET ITEM NO. 9000-0002
---	PVC STORM SEWER PIPE ITEM NO. 0601-0411
---	DETECTABLE WARNING SURFACE (DWS) ITEM NO. 0695-0004
---	NUMBER OF PARKING SPACES REQUIRED BY ZONING ORDINANCE.

NOTES:  
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USE CAUTION WHEN REMOVING / REPLACING SIDEWALKS AND DRIVEWAYS - GAS LINE.

**ROADWAY PLAN**

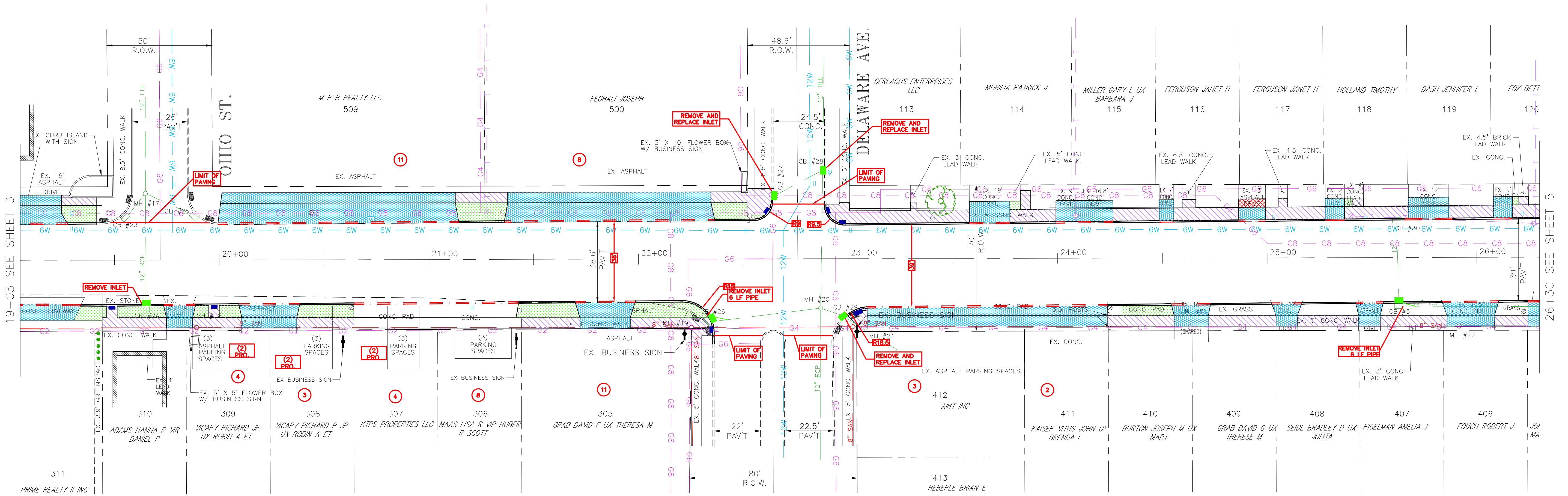
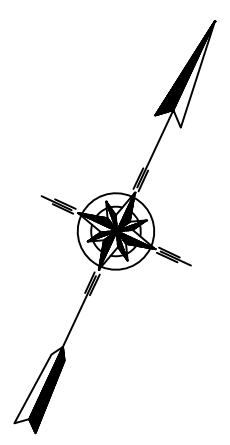
BUREAU OF ENGINEERING DEPT. OF PUBLIC WORKS CITY OF ERIE			
WEST 8TH STREET CORRIDOR IMPROVEMENT PROJECT PITTSBURGH AVENUE TO GREENGARDEN ROAD.			
DATE	2020	DESIGN BY	J. SAYERS, P.E.
DRAWN BY	ENGINEERING	DRAWER NO.	
CHECKED BY		DRAWING NO.	
SCALE	AS NOTED	SHEET	8 of _
APPROVED BY: JON TUSHAK, P.E. CITY ENGINEER			

SURVEY BOOK #21

JON TUSHAK, P.E.  
CITY ENGINEER



REVISION NO.	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				01	ERIE	0000	MML	9 of 9

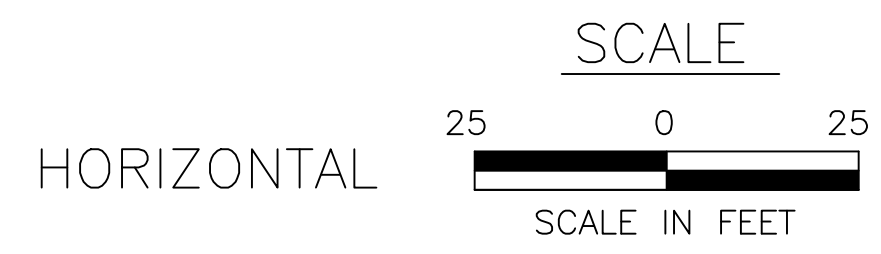


19+05 SEE SHEET 3

26+30 SEE SHEET 5

STATION 23+00 LEFT TO STATION 26+30 LEFT:  
 • DRIVEWAYS SHALL BE TYPE 3A  
 • CURB REVEAL SHALL BE 5" ±

NOTE: FOR EXISTING PROFILE SEE SHEET \_\_\_



SYMBOL LEGEND		STREETSCAPE LEGEND	
---	ROAD RIGHT-OF-WAY	[Hatched Box]	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 4" SIDEWALK (0676-0001)
- - - -	EXISTING ROAD CURB	[Blue Box]	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 6" PAVEMENT (0501-0296)
- - - -	EXISTING EDGE OF ROAD OR DRIVEWAY	[Green Box]	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH LANDSCAPING (0802-0001 AND 0804-0001)
---	CENTER OF PAVEMENT	[Red Box]	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH WMA ITEMS (0311-0437, 0411-0465 AND 0469-0001)
---	EXISTING SIDEWALK	[Red Box]	PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
---	PROPERTY LINE	[Dashed Line]	DEPRESSED PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
[Box]	LOT NUMBER	[Green Box]	CITY OF ERIE STANDARD INLET ITEM NO. 9000-0002
[Box]	HOUSE NUMBER	[Green Box]	PVC STORM SEWER PIPE ITEM NO. 0601-0411
---	EXISTING ELECTRIC LINE	[Green Box]	DETECTABLE WARNING SURFACE (DWS) ITEM NO. 0695-0004
---	EXISTING GAS LINE	[Green Box]	NUMBER OF PARKING SPACES REQUIRED BY ZONING ORDINANCE.
---	EXISTING SEWER SANITARY	[Green Box]	
---	EXISTING SEWER STORM	[Green Box]	
---	EXISTING WATER LINE	[Green Box]	
---	EXISTING TELEPHONE LINE	[Green Box]	
[Symbol]	EXISTING TREE	[Green Box]	
[Symbol]	EXISTING SHRUBS/HEDGES	[Green Box]	
[Symbol]	EXISTING UTILITY POLE	[Green Box]	
[Symbol]	EXISTING LIGHT POLE	[Green Box]	
[Symbol]	EXISTING UTILITY POLE WITH STREET LIGHT	[Green Box]	
[Symbol]	EXISTING STREET SIGN	[Green Box]	
[Symbol]	EXISTING UTILITY VALVE	[Green Box]	
[Symbol]	EXISTING WATER METER	[Green Box]	
[Symbol]	EXISTING MANHOLE	[Green Box]	
[Symbol]	EXISTING INLET	[Green Box]	
[Symbol]	EXISTING FIRE HYDRANT	[Green Box]	
[Symbol]	EXISTING DETECTABLE WARNING SURFACE (DWS)	[Green Box]	

NOTES:  
 ALL UTILITY VALVES AND MANHOLES SHALL BE ADJUSTED TO MATCH FINAL GRADES. CONTRACTOR SHALL COORDINATE ADJUSTMENTS WITH UTILITIES.  
 USE CAUTION WHEN REMOVING / REPLACING SIDEWALKS AND DRIVEWAYS - GAS LINE.

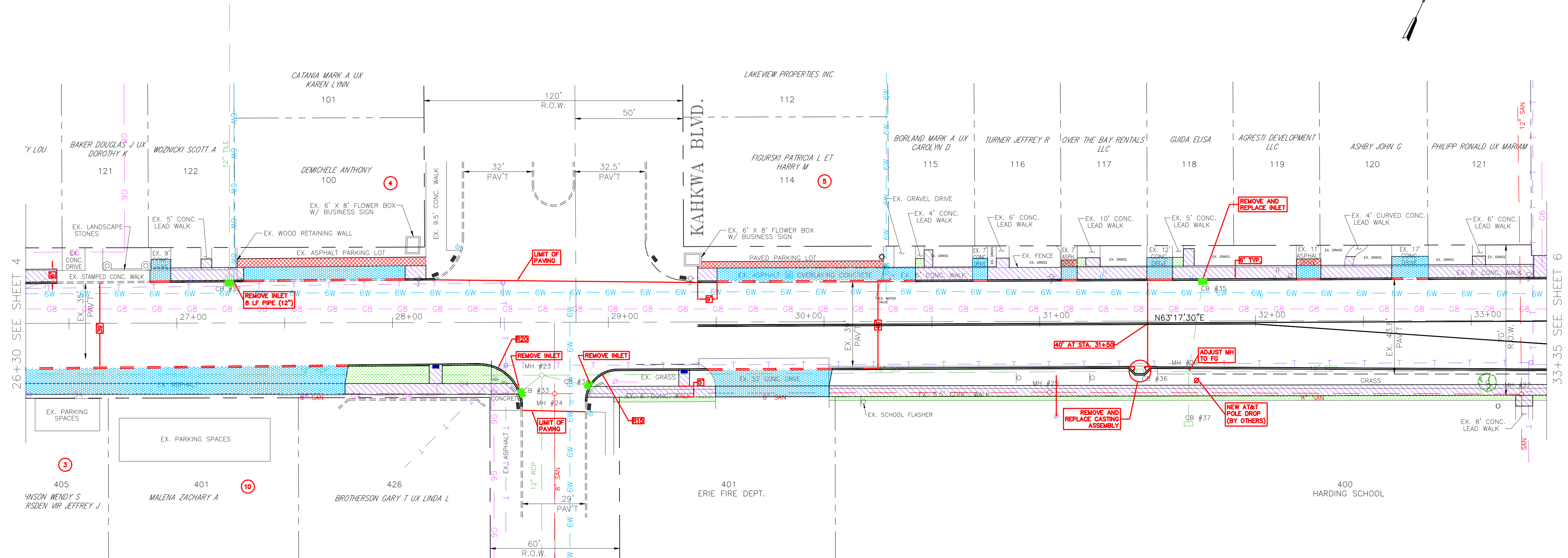
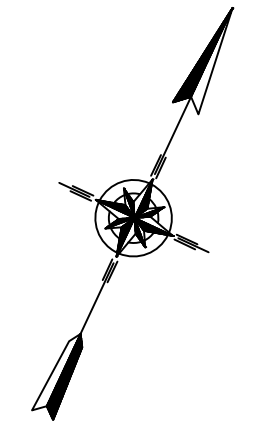
ROADWAY PLAN

BUREAU OF ENGINEERING DEPT. OF PUBLIC WORKS CITY OF ERIE			
WEST 8TH STREET CORRIDOR IMPROVEMENT PROJECT PITTSBURGH AVENUE TO GREENGARDEN ROAD.			
DATE	2020	DESIGN BY	J. SAYERS, P.E.
DRAWN BY	ENGINEERING	DRAWER NO.	
CHECKED BY		DRAWING NO.	
SCALE	AS NOTED	SHEET	9 of 9
DATE		APPROVED BY: JON TUSHAK, P.E. CITY ENGINEER	

SURVEY BOOK #21

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REVISION NO.	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				01	ERIE	0000	MML	10 of _
CITY OF ERIE								



STATION 26+30 LEFT TO STATION 28+06 LEFT:  
 STATION 29+41.5 LEFT TO STATION 32+80 LEFT:  
 • DRIVEWAYS SHALL BE TYPE 3A  
 • CURB REVEAL SHALL BE 5" ±

NOTE: FOR EXISTING PROFILE SEE SHEET \_\_\_



SYMBOL LEGEND		STREETSCAPE LEGEND	
---	ROAD RIGHT-OF-WAY	[Hatched Box]	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 4" SIDEWALK (0676-0001)
---	EXISTING ROAD CURB	[Blue Box]	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 6" PAVEMENT (0501-0296)
---	EXISTING EDGE OF ROAD OR DRIVEWAY	[Green Box]	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH LANDSCAPING (0802-0001 AND 0804-0001)
---	CENTER OF PAVEMENT	[Red Box]	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH WMA ITEMS (0311-0437, 0411-0485 AND 0460-0001)
---	EXISTING SIDEWALK	[Black Line]	PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
---	PROPERTY LINE	[Dashed Line]	DEPRESSED PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
[204]	LOT NUMBER	[Green Square]	CITY OF ERIE STANDARD INLET ITEM NO. 9000-0002
[756]	HOUSE NUMBER	[Green Line]	PVC STORM SEWER PIPE ITEM NO. 0601-0411
---	EXISTING ELECTRIC LINE	[Blue Square]	DETECTABLE WARNING SURFACE (DWS) ITEM NO. 0665-0004
---	EXISTING GAS LINE	[Red Circle]	NUMBER OF PARKING SPACES REQUIRED BY ZONING ORDINANCE.
---	EXISTING SEWER SANITARY	[Green Circle]	
---	EXISTING SEWER STORM	[Green Triangle]	
---	EXISTING WATER LINE	[Green Square]	
---	EXISTING TELEPHONE LINE	[Green Circle]	
[Tree Symbol]	EXISTING TREE	[Green Circle]	
[Shrub Symbol]	EXISTING SHRUBS/HEDGES	[Green Circle]	
[Pole Symbol]	EXISTING UTILITY POLE	[Green Circle]	
[Light Pole Symbol]	EXISTING LIGHT POLE	[Green Circle]	
[Pole Symbol]	EXISTING UTILITY POLE WITH STREET LIGHT	[Green Circle]	
[Sign Symbol]	EXISTING STREET SIGN	[Green Circle]	
[Valve Symbol]	EXISTING UTILITY VALVE	[Green Circle]	
[Meter Symbol]	EXISTING WATER METER	[Green Circle]	
[Manhole Symbol]	EXISTING MANHOLE	[Green Circle]	
[Inlet Symbol]	EXISTING INLET	[Green Circle]	
[Hydrant Symbol]	EXISTING FIRE HYDRANT	[Green Circle]	
[DWS Symbol]	EXISTING DETECTABLE WARNING SURFACE (DWS)	[Green Circle]	

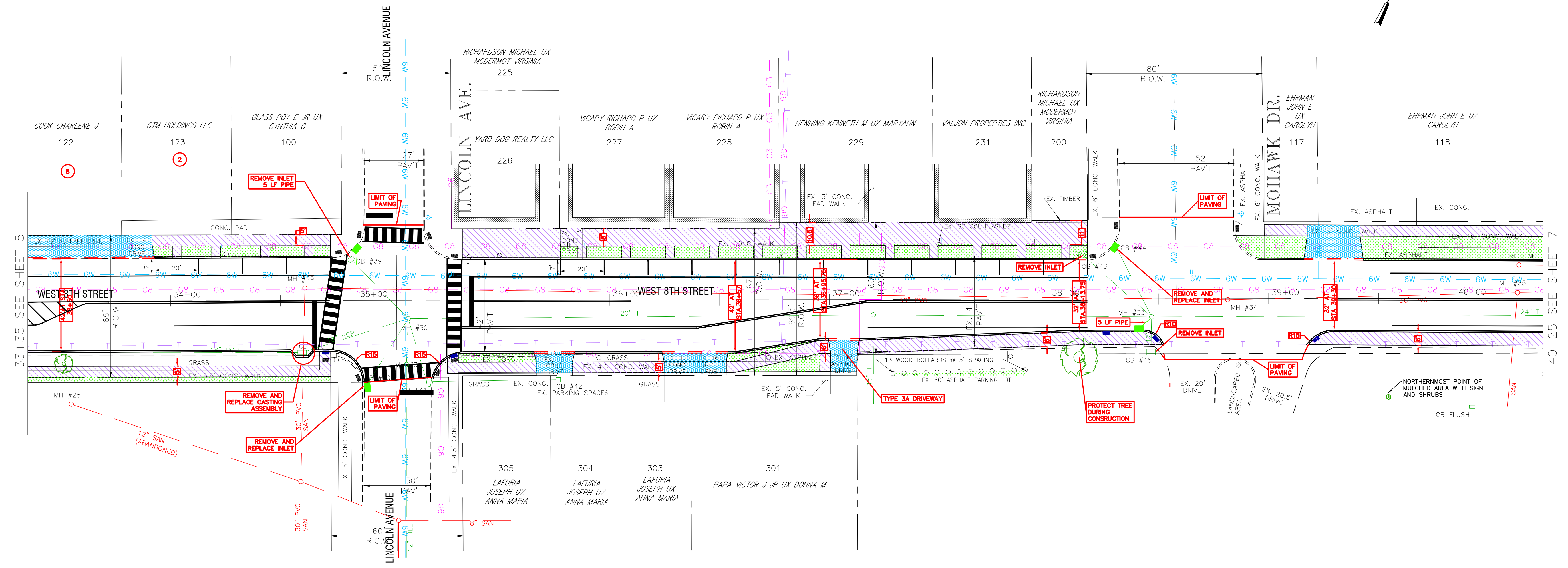
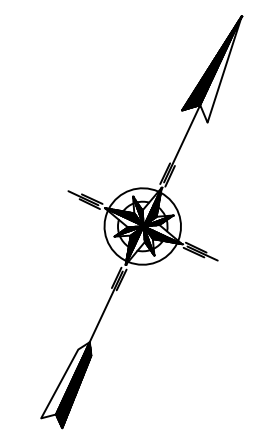
NOTES:  
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 USE CAUTION WHEN REMOVING / REPLACING SIDEWALKS AND DRIVEWAYS - GAS LINE.

**ROADWAY PLAN**

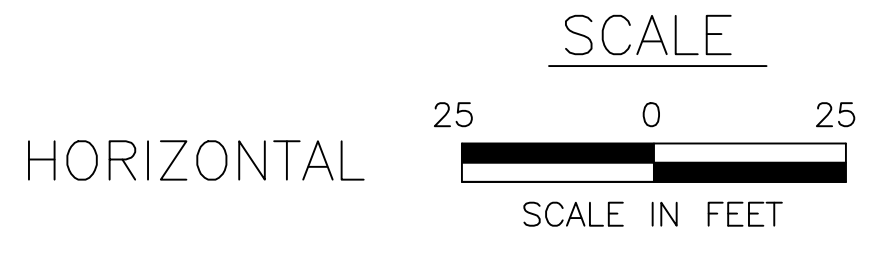
BUREAU OF ENGINEERING DEPT. OF PUBLIC WORKS CITY OF ERIE			
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DATE	2020	DESIGN BY	J.SAYERS, P.E.
DRAWN BY	ENGINEERING	DRAWER NO.	
CHECKED BY		DRAWING NO.	
SCALE	AS NOTED	SHEET	10 of _
APPROVED BY: JON TUSHAK, P.E. CITY ENGINEER		DATE	

SURVEY BOOK #21

REVISION NO.	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				01	ERIE	0000	MML	11 of _
CITY OF ERIE								



NOTE: FOR EXISTING PROFILE SEE SHEET \_\_\_



**SYMBOL LEGEND**

---	ROAD RIGHT-OF-WAY
---	EXISTING ROAD CURB
---	EXISTING EDGE OF ROAD OR DRIVEWAY
---	CENTER OF PAVEMENT
---	EXISTING SIDEWALK
---	PROPERTY LINE
---	LOT NUMBER
---	HOUSE NUMBER
---	EXISTING ELECTRIC LINE
---	EXISTING GAS LINE
---	EXISTING SEWER SANITARY
---	EXISTING SEWER STORM
---	EXISTING WATER LINE
---	EXISTING TELEPHONE LINE
---	EXISTING TREE
---	EXISTING SHRUBS/HEDGES
---	EXISTING UTILITY POLE
---	EXISTING LIGHT POLE
---	EXISTING UTILITY POLE WITH STREET LIGHT
---	EXISTING STREET SIGN
---	EXISTING UTILITY VALVE
---	EXISTING WATER METER
---	EXISTING MANHOLE
---	EXISTING INLET
---	EXISTING FIRE HYDRANT
---	EXISTING DETECTABLE WARNING SURFACE (DWS)

**STREETSCAPE LEGEND**

---	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 4" SIDEWALK (0676-0001)
---	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 6" PAVEMENT (0501-0296)
---	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH LANDSCAPING (0802-0001 AND 0804-0001)
---	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH HMA ITEMS (0311-0437, 0411-0485 AND 0460-0001)
---	PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
---	DEPRESSED PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
---	CITY OF ERIE STANDARD INLET ITEM NO. 9000-0002
---	PVC STORM SEWER PIPE ITEM NO. 0601-0411
---	DETECTABLE WARNING SURFACE (DWS) ITEM NO. 0695-0004
---	NUMBER OF PARKING SPACES REQUIRED BY ZONING ORDINANCE

NOTES:  
ALL UTILITY VALVES AND MANHOLES SHALL BE ADJUSTED TO MATCH FINAL GRADES. CONTRACTOR SHALL COORDINATE ADJUSTMENTS WITH UTILITIES.  
USE CAUTION WHEN REMOVING / REPLACING SIDEWALKS AND DRIVEWAYS - GAS LINE.

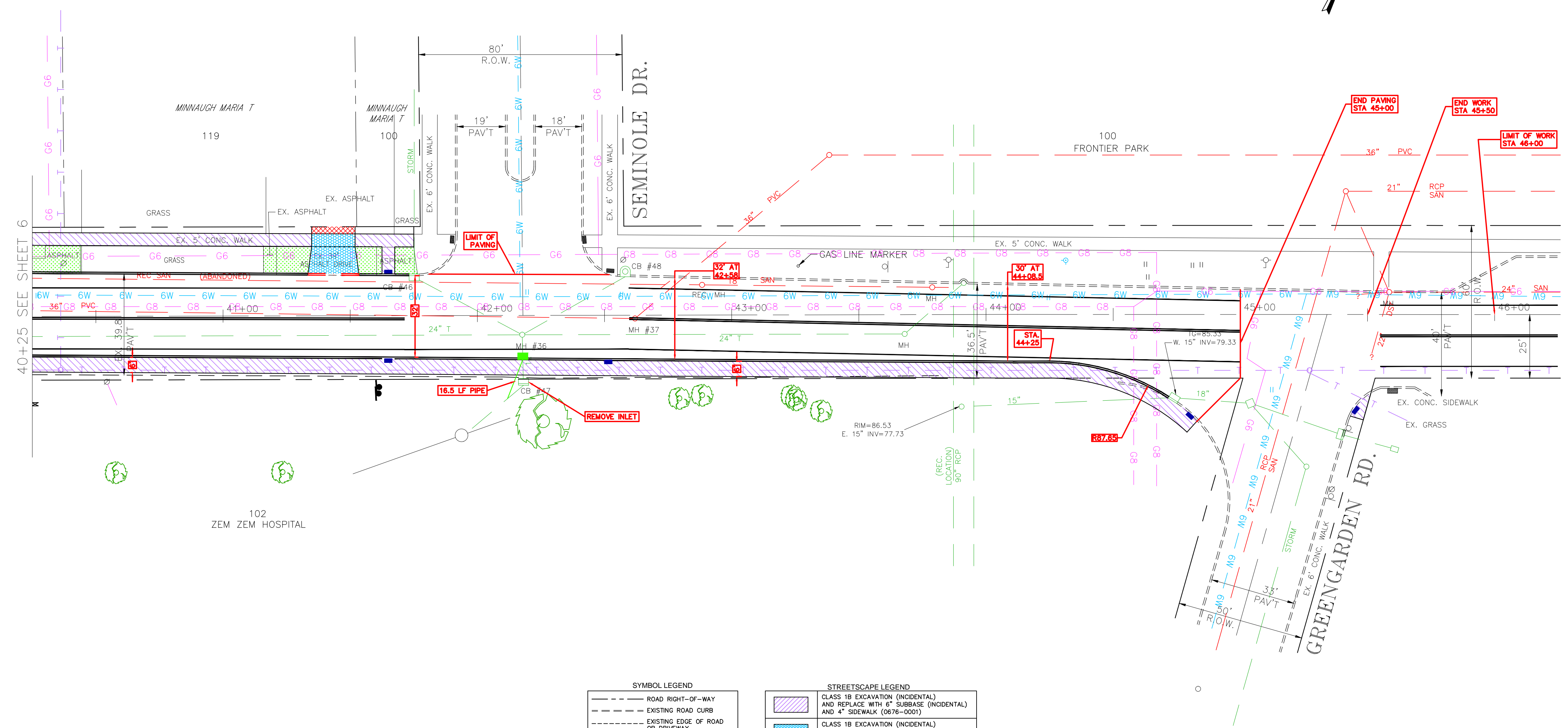
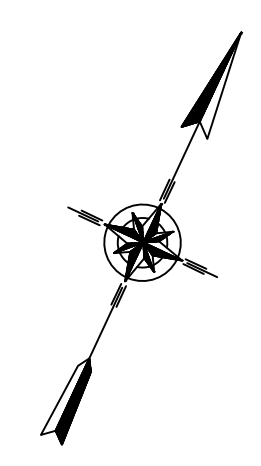
SURVEY BOOK #21

**ROADWAY PLAN**

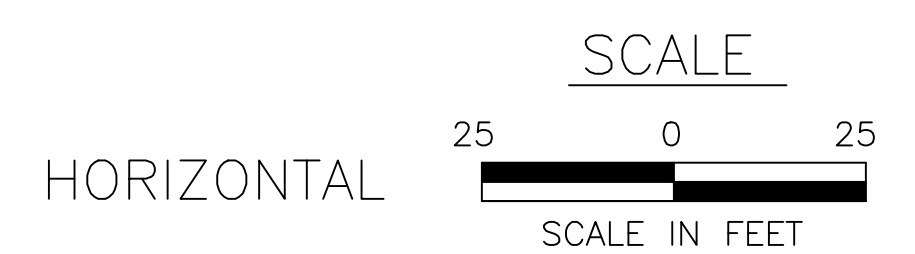
BUREAU OF ENGINEERING DEPT. OF PUBLIC WORKS CITY OF ERIE			
WEST 8TH STREET CORRIDOR IMPROVEMENT PROJECT PITTSBURGH AVENUE TO GREENGARDEN ROAD.			
DATE	2020	DESIGN BY	J. SAYERS, P.E.
DRAWN BY	ENGINEERING	DRAWING NO.	
CHECKED BY		DRAWING NO.	
SCALE	AS NOTED	SHEET	11 of _
DATE		APPROVED BY: JON TUSHAK, P.E. CITY ENGINEER	

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REVISION NO.	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				01	ERIE	0000	MML	12 of _
CITY OF ERIE								



NOTE: FOR EXISTING PROFILE SEE SHEET \_\_\_



SYMBOL LEGEND

	ROAD RIGHT-OF-WAY
	EXISTING ROAD CURB
	EXISTING EDGE OF ROAD OR DRIVEWAY
	CENTER OF PAVEMENT
	EXISTING SIDEWALK
	PROPERTY LINE
	LOT NUMBER
	HOUSE NUMBER
	EXISTING ELECTRIC LINE
	EXISTING GAS LINE
	EXISTING SEWER SANITARY
	EXISTING SEWER STORM
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	EXISTING LIGHT POLE
	EXISTING UTILITY POLE WITH STREET LIGHT
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	EXISTING UTILITY VALVE
	EXISTING WATER METER
	EXISTING MANHOLE
	EXISTING INLET
	EXISTING FIRE HYDRANT
	EXISTING DETECTABLE WARNING SURFACE (DWS)

STREETSCAPE LEGEND

	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 4" SIDEWALK (0876-0001)
	CLASS 1B EXCAVATION (INCIDENTAL) AND REPLACE WITH 6" SUBBASE (INCIDENTAL) AND 6" PAVEMENT (0501-0296)
	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH LANDSCAPING (9802-0001 AND 0804-0001)
	CLASS 1B EXCAVATION (0203-0004) AND REPLACE WITH WMA ITEMS (0311-0437, 0411-0485 AND 0485-0001)
	PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
	DEPRESSED PLAIN CEMENT CONCRETE CURB ITEM NO. 0630-0001 OR 0630-0010
	CITY OF ERIE STANDARD INLET ITEM NO. 9000-0002
	PVC STORM SEWER PIPE ITEM NO. 0601-0411
	DETECTABLE WARNING SURFACE (DWS) ITEM NO. 0695-0004
	NUMBER OF PARKING SPACES REQUIRED BY ZONING ORDINANCE.

NOTES:  
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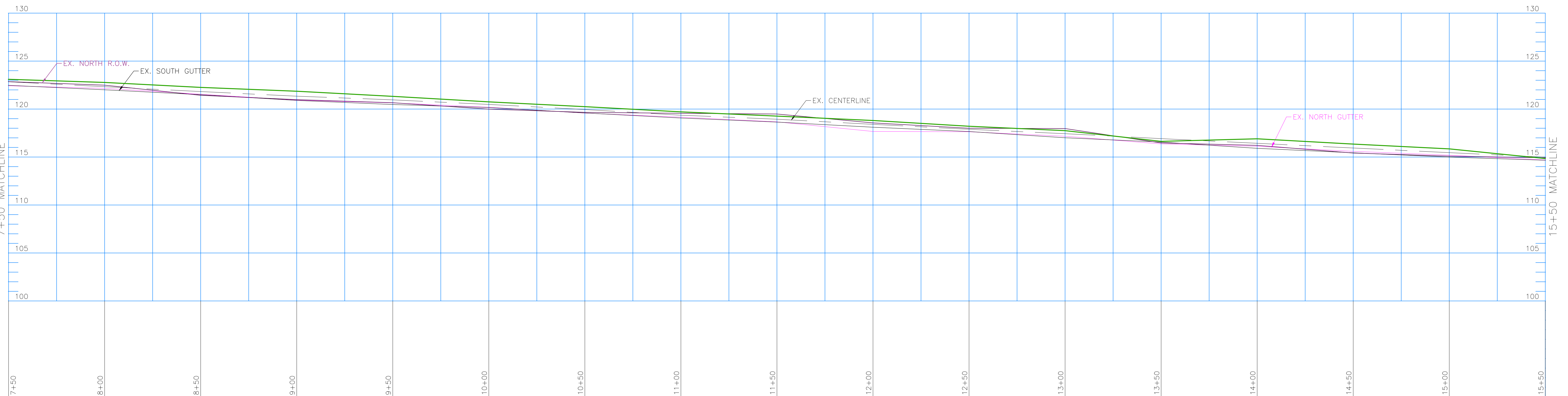
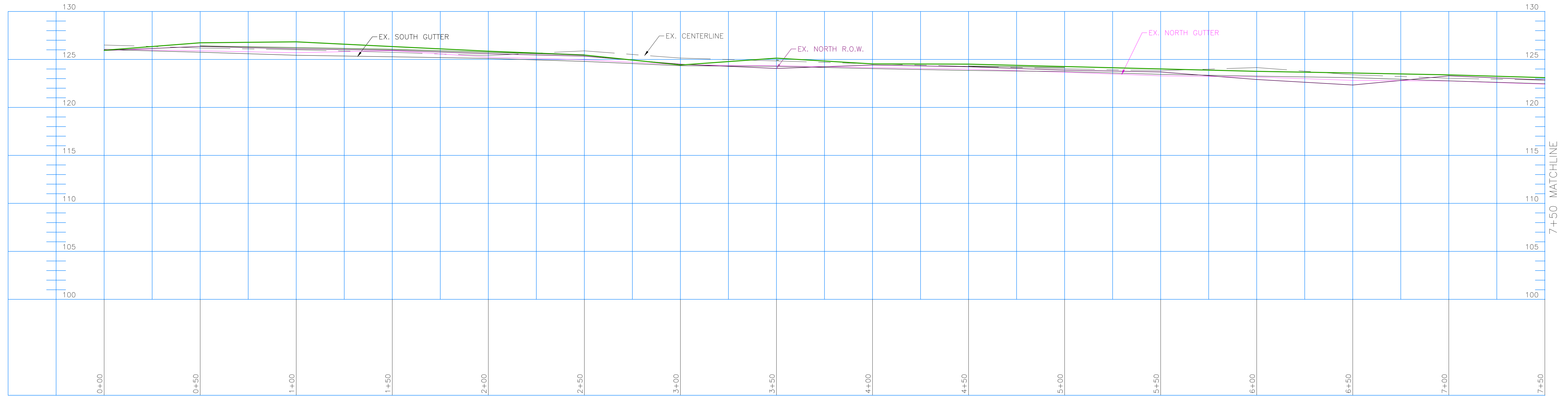
**ROADWAY PLAN**

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WEST 8TH STREET CORRIDOR IMPROVEMENT PROJECT PITTSBURGH AVENUE TO GREENGARDEN ROAD.			
DATE	2020	DESIGN BY	J.SAYERS, P.E.
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DATE		APPROVED BY: JON TUSHAK, P.E. CITY ENGINEER	

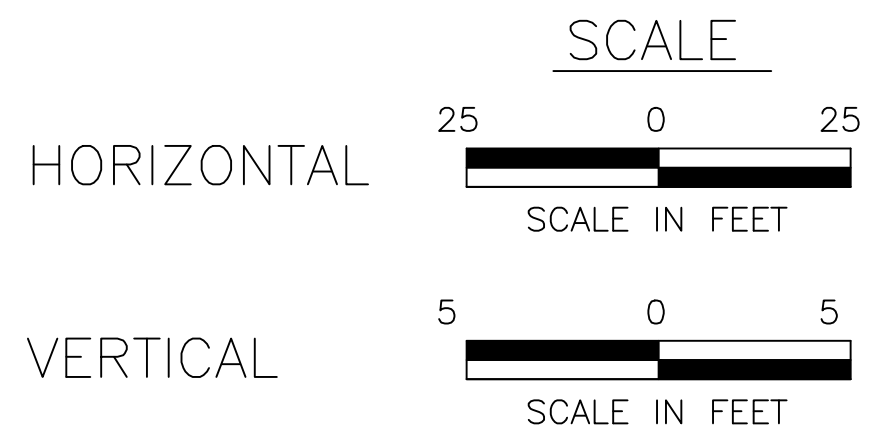
SURVEY BOOK #21

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REVISION NO.	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				01	ERIE	0000	MML	13 of _
CITY OF ERIE								



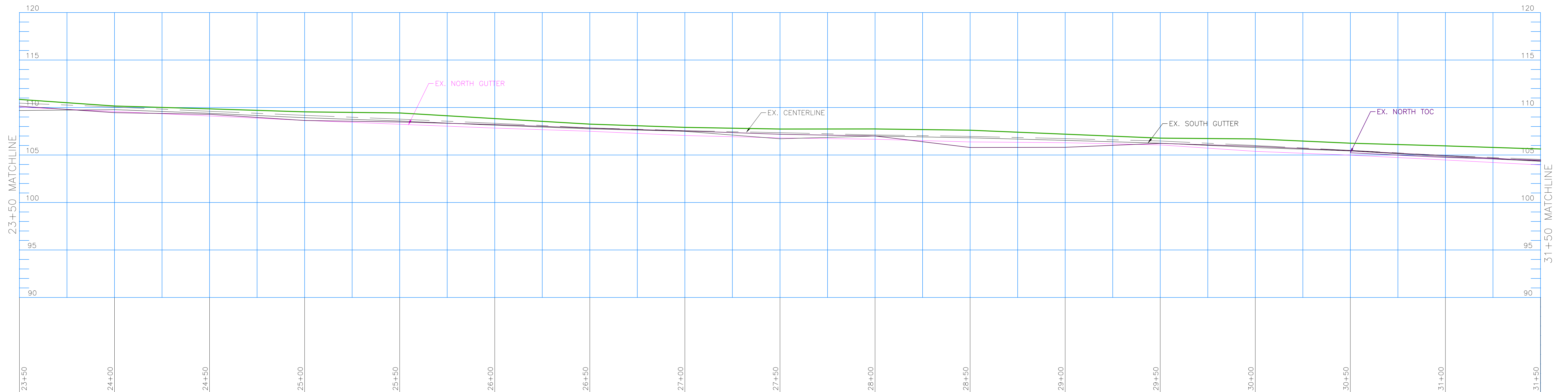
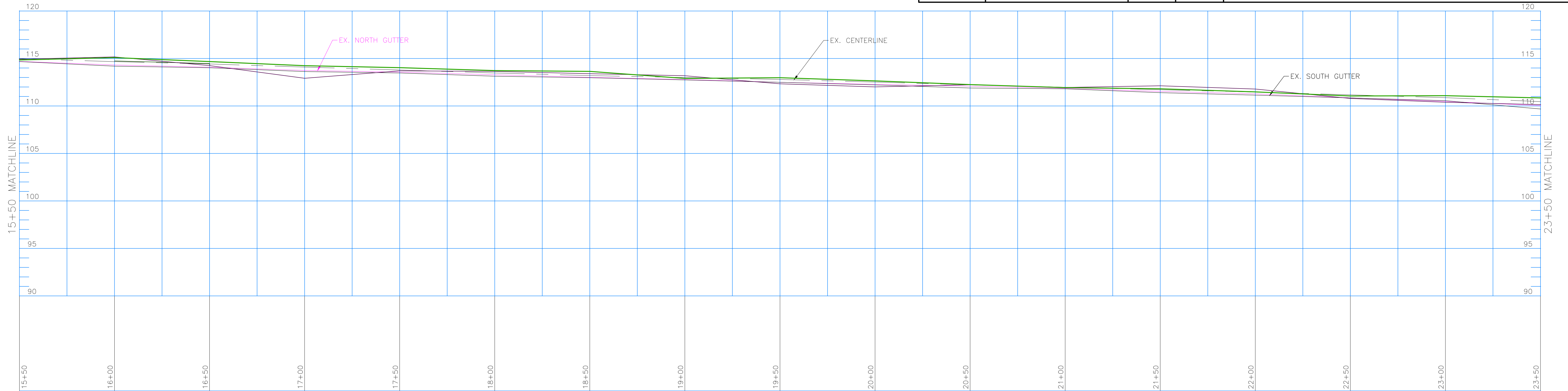
**ROADWAY PROFILE**



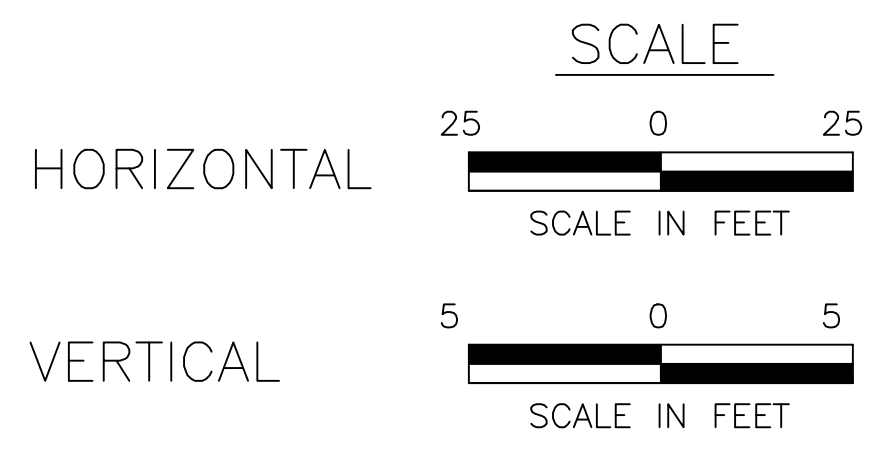
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DATE	2020	DESIGN BY	J.SAYERS, P.E.
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CHECKED BY		DRAWING NO.	
SCALE	AS NOTED	SHEET	13 of _
DATE	APPROVED BY: JON TUSHAK, P.E. CITY ENGINEER		

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REVISION NO.	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				01	ERIE	0000	MML	14 of _
CITY OF ERIE								



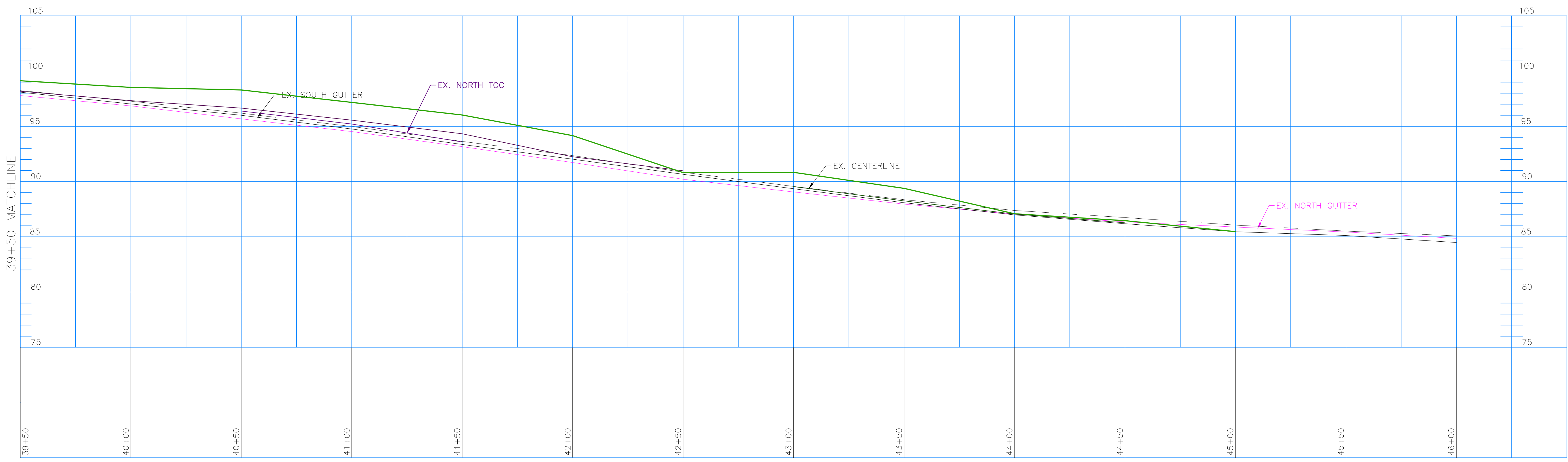
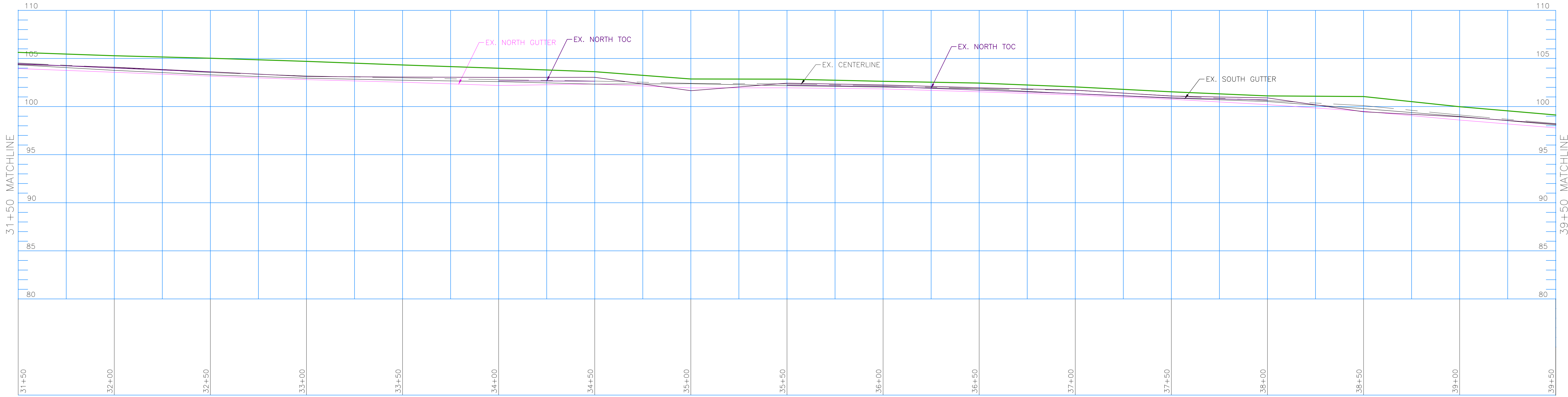
**ROADWAY PROFILE**



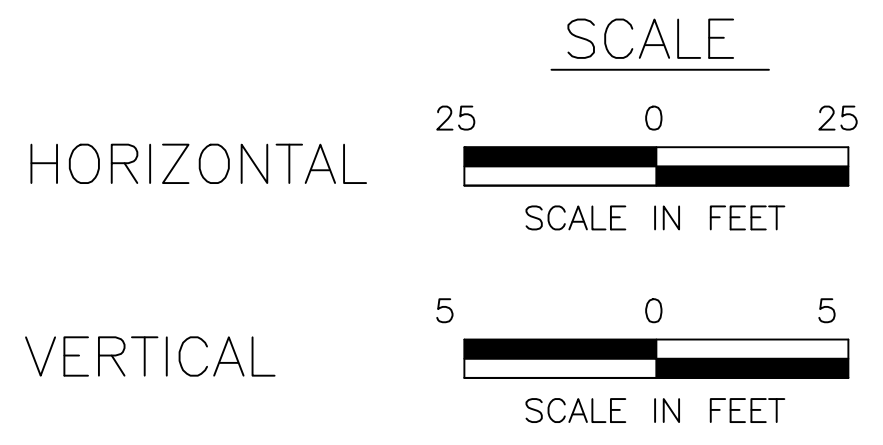
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DATE	2020	DESIGN BY	J. SAYERS, P.E.
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SCALE	AS NOTED	SHEET	14 of _
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CITY OF ERIE								



**ROADWAY PROFILE**



BUREAU OF ENGINEERING DEPT. OF PUBLIC WORKS CITY OF ERIE			
WEST 8TH STREET CORRIDOR IMPROVEMENT PROJECT PITTSBURGH AVENUE TO GREENGARDEN ROAD.			
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JON TUSHAK, P.E. CITY ENGINEER		APPROVED BY: JON TUSHAK, P.E. CITY ENGINEER	
DATE			

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