

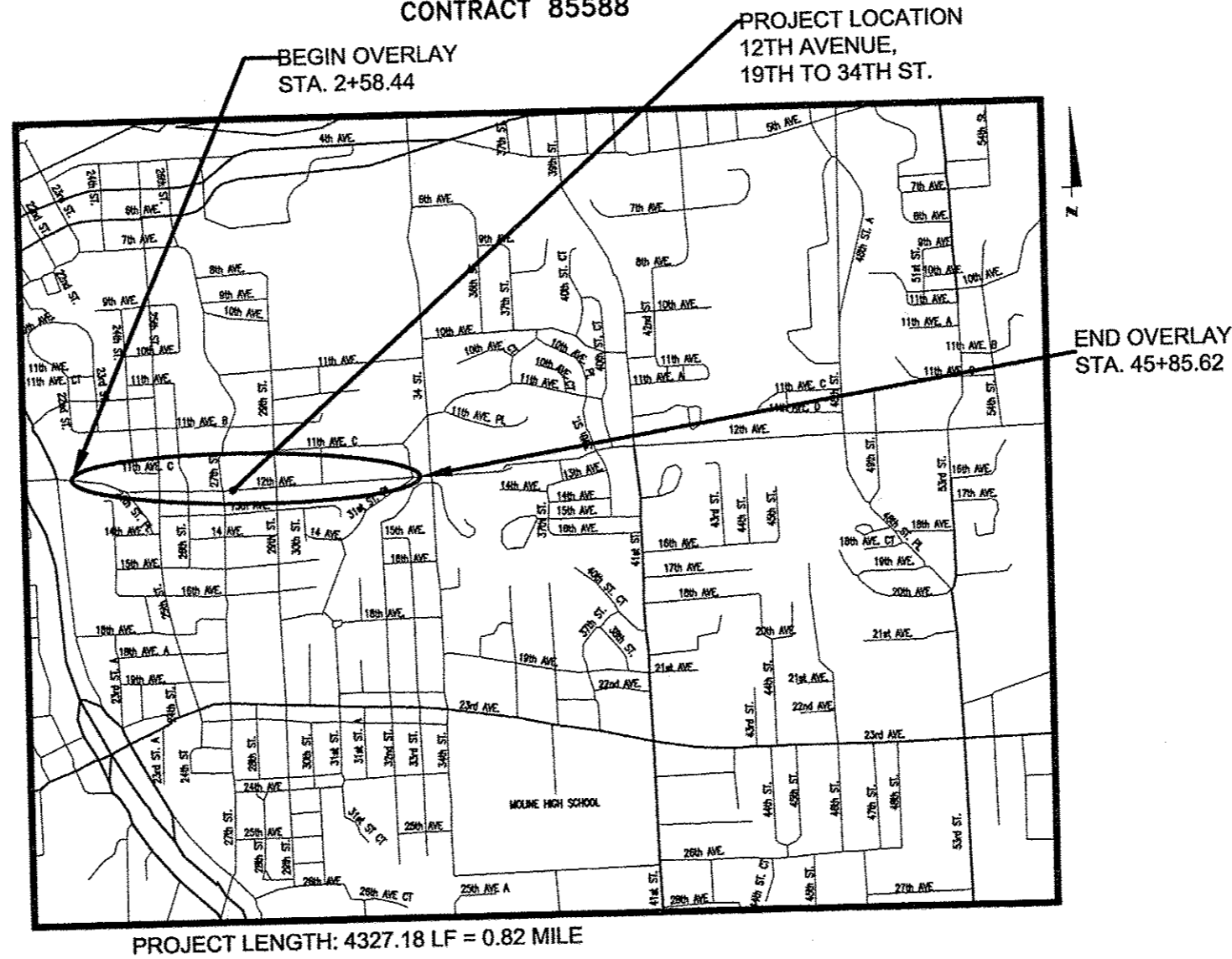
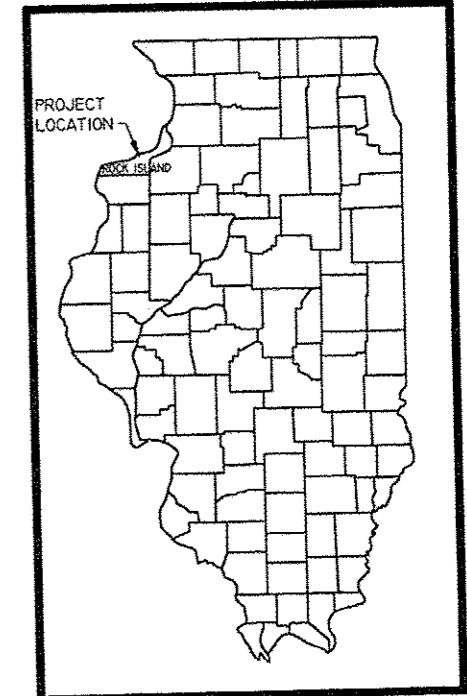
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ILLINOIS HIGHWAY STANDARDS	
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF INCH & FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-07	PERPENDICULAR CURB RAMPS
424006-01	DIAGONAL CURB RAMPS
424011-01	CORNER PARALLEL CURB RAMPS
442101-07	CLASS B PATCHES
602401-03	MANHOLE TYPE A
604001-03	FRAME & LIDS TYPE 1
606001-05	CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER
701006-04	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PV EDGE
701011-03	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701427-01	LANE CLOSURE MULTILANE - INTERMEDIATE OR MOVING OPERATIONS FOR SPEEDS < 40 MPH
701501-06	URBAN LANE CLOSURE 2L2W - UNDIVIDED
701601-08	URBAN LANE CLOSURE MULTILANE 1W2W & NONTRANSVERSABLE MEDIAN
701606-08	URBAN LANE CLOSURE MULTILANE 2W, MOUNTABLE MEDIAN
701701-08	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-05	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECT DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS
780001-03	TYPICAL PAVEMENT MARKINGS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
PLANS FOR  
PROPOSED LOCAL AGENCY IMPROVEMENT  
URBAN PROJECT

FAU 5768 (12TH AVENUE, 19TH STREET TO 34TH STREET)  
SECTION 12-00254-00-RS  
ROCK ISLAND COUNTY  
PROJECT NO M-5074(092)

CITY OF MOLINE  
JOB NO. C-92-120-12  
CONTRACT 85588



PROJECT LENGTH: 4327.18 LF = 0.82 MILE

CALL J.U.L.I.E.  
BEFORE YOU DIG  
1-800-892-0123

UTILITIES

THE FOLLOWING UTILITY COMPANIES MAY HAVE UTILITIES LOCATED ON THIS PROJECT:

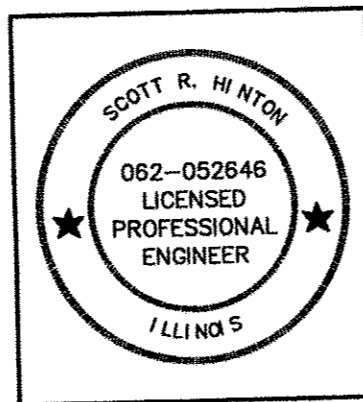
- MID AMERICA GAS AND ELECTRIC COMPANY
- SBC - AMERITECH - TELEPHONE
- MEDIACOM CABLE T.V.
- CITY OF MOLINE WATER DEPT.
- CITY OF MOLINE STREET DEPT.
- CITY OF MOLINE WATER POLLUTION CONTROL DEPT.
- CITY OF MOLINE ELECTRICAL MAINTENANCE DEPT.

CONTRACTOR SHALL CALL J.U.L.I.E. TO CONTACT ALL UTILITY COMPANIES WHICH MAY HAVE FACILITIES IN THE AREA OF CONSTRUCTION AND OBTAIN THE EXACT LOCATION OF THESE FACILITIES.

FOR FIELD LOCATIONS CALL J.U.L.I.E. AT 1-800-892-0123.

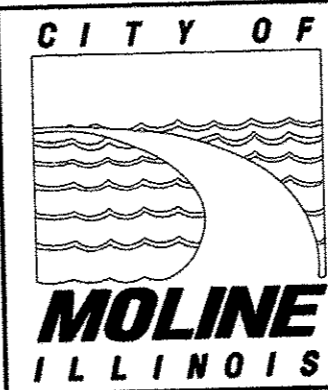
URBAN COLLECTOR  
ADT (2013) = 13,900  
TRUCKS = 3%

APPROVED	<u>4/15/13</u>
DATE	
SCOTT HINTON, P.E. CITY ENGINEER	
PASSED	<u>April 18, 2013</u>
DATE	
DISTRICT 2 ENGINEER OF LOCAL ROADS & STREETS	
RELEASED FOR BID BASED ON LIMITED REVIEW	<u>April 18, 2013</u>
DATE	
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER	



I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.

SCOTT R. HINTON, P.E.  
LICENSE NO. 062-052646  
DATE  
EXPIRES 11-30-13



**SUMMARY OF QUANTITIES - CONSTRUCTION TYPE CODE: 0005**

NO.	ITEM	UNIT	80/20 FED FUND QUANTITY
20800150	TRENCH BACKFILL	CY	70
28000500	INLET AND PIPE PROTECTION	EACH	8
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	1093
40600400	MIXTURE FOR CRACKS, JOINTS, & FLANGEWAYS	TON	50
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1343
40600990	TEMPORARY RAMP	SY	852
40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	2382
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 7 INCH	SY	374
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SF	5523
42400800	DETECTABLE WARNINGS	SF	301
44000200	DRIVEWAY PAVEMENT REMOVAL	SY	378
44000500	COMBINATION CURB AND GUTTER REMOVAL	FT	856
44000600	SIDEWALK REMOVAL	SF	5069
44200929	CLASS B PATCHES, TYPE I, 8 INCH	SY	3
44200942	CLASS B PATCHES, TYPE III, 8 INCH	SY	46
44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SY	2023
550B2320	STORM SEWER, RUBBER GASKET, CLASS B, TY 1, 12	FT	314
550B2330	STORM SEWER, RUBBER GASKET, CLASS B, TY 1, 15	FT	16
55100500	STORM SEWER REMOVAL 12"	FT	151
60107700	PIPE UNDERDRAIN 6"	FT	268
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EA	2
60255500	MANHOLES TO BE ADJUSTED	EA	22
60260100	INLETS TO BE ADJUSTED	EA	15
60265700	VALVE VAULTS TO BE ADJUSTED	EA	18
60500040	REMOVING MANHOLES	EA	1
60500060	REMOVING INLETS	EA	6
60604700	COMBINATION CURB AND GUTTER B6.18 (MODIFIED)	FT	667
60605100	COMBINATION CURB AND GUTTER, TYPE B6.24 (ABUTTING EXISTING PAVEMENT)	FT	190
67100100	MOBILIZATION	L.SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FT	5345
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SF	402
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FT	10,528
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FT	638
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FT	505
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FT	91
Δ 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SF	8.8
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FT	361
Δ 78001130	PAINT PAVEMENT MARKING - LINE 6"	FT	456
Δ 78001150	PAINT PAVEMENT MARKING - LINE 12"	FT	289
Δ 78001180	PAINT PAVEMENT MARKING - LINE 24"	FT	144

CONTINUED ->

NO.	ITEM (CONT.)	UNIT	80/20 FED FUND QUANTITY
X0326862	STRUCTURES TO BE ADJUSTED	EA	3
X6024242	INLET, SPECIAL, NO. 1	EA	4
X6024244	INLET, SPECIAL, NO. 2	EA	4
X7010216	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L.SUM	1
XX005343	SEEDING COMPLETE	SY	267

**Δ SPECIALTY ITEMS**

**GENERAL NOTES**

"STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JAN 1, 2012, THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AND THE SUPPLEMENTAL SPECIFICATIONS BY MOLINE SHALL CONTROL THIS PROJECT.

ALL POINTS OF POSSIBLE CONFLICT WITH UTILITIES ARE TO BE EXCAVATED AS NECESSARY TO VERIFY EXACT LOCATION AND ELEVATION BEFORE COMMENCEMENT OF CONSTRUCTION.

TRAFFIC CONTROL SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL" AND SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" AND THE SPECIAL PROVISIONS FOR THIS PROJECT.

THE PRESENCE OF TEMPORARY TRAFFIC CONTROL DRAWINGS OR STANDARDS IN THE PROJECT PLANS, WHETHER A PAY ITEM OR NOT, DOES NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO PROVIDE PROTECTION TO THE PUBLIC IN ACCORDANCE WITH ARTICLE 107.14 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". FURTHERMORE, THE CONTRACTOR SHALL PROVIDE, TO THE SATISFACTION OF THE ENGINEER, ALL PROTECTION DEEMED NECESSARY BEYOND THAT SHOWN IN THE PLANS OR SPECIAL PROVISIONS. THE EXPENSE OF THIS WORK TO THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE LUMP SUM UNIT PRICE OF TRAFFIC CONTROL AND PROTECTION SPECIAL.

**ADDITIONAL NOTES:**

- 1) CONTRACTOR SHALL RELOCATE AND TEMPORARILY INSTALL MAILBOXES DURING CONSTRUCTION AND PLACE IN ORIGINAL LOCATION AFTER COMPLETION OF CONSTRUCTION. (INCIDENTAL - IF NECESSARY)
- 2) CONTRACTOR SHALL REMOVE AND RE-ERECT ALL SIGNAGE FOR CONSTRUCTION ACTIVITIES. (INCIDENTAL - IF NECESSARY)
- 3) CONTRACTOR SHALL PROVIDE A MINIMUM ONE LANE OF TRAFFIC EACH WAY THROUGH CONSTRUCTION. (PAID FOR BY TRAFFIC CONTROL)
- 4) SIDEWALK AND PAVEMENT NOT MARKED FOR REMOVAL SHALL BE PROTECTED. ANY SIDEWALK OR PAVEMENT DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

**SYMBOLS LEGEND**

EXISTING		PROPOSED
	LIGHT STRUCTURE	
	STREET SIGN	
	BENCH MARK	
	DRAINAGE	
	ROW MARKER	
	LIGHT POLE	
	BUSH	
	EVERGREEN TREE	
	STUMP	
	TREE	
	WATER VALVE	
	CATCH BASIN	
	STRUCTURE	
	CATCH BASIN SPECIAL	
	FLARED END SECTION	
	FIRE HYDRANT	
	MANHOLE	
	INLET	
	VALVE VAULT	
	GAS VALVE	
	GUY WIRE	
	JUNCTION BOX	
	HANDHOLE	
	SERVICE VALVE	
	RAISED REFLECTIVE PAVEMENT MARKERS	
	CONTOURS	
	RETAINING WALL	
	POLE	
	STORM SEWER	
	WATER MAIN	
	SANITARY SEWER	

	POLY. LEVELING BINDER (MM)
	POLY. HOT-MIX ASPHALT SURFACE COURSE
	CLASS B PATCH
	COMB. CONC. CURB & GUTTER REMOVAL
	COMB. CONC. CURB & GUTTER
	DETECTABLE WARNINGS
	DRIVEWAY REMOVAL OR PCC DRIVEWAY
	SIDEWALK REMOVAL OR PCC SIDEWALK

**CITY OF MOLINE**  
 DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
 3635 4TH AVENUE, MOLINE, IL 61265  
 (309) 524-2350  
 CITY ENGINEER - SCOTT HINTON, P.E.

**12TH AVENUE OVERLAY**  
 19TH STREET TO 34TH STREET  
 GENERAL NOTES & SUMMARY OF QUANTITIES

Date	Revision
3-21-13	IDOT COMMENTS

Date	2-20-12	Sheet	2
Scale	1:20	of	40
Design Engineer	JWC	Project	MFT 254

<b>20800150</b>		
TRENCH BACKFILL		
13+26.75 / 48' LT - 13+18.53 / 22' LT		7 C.Y.
13+51.50 / 48' LT - 13+26.75 / 48' LT		7 C.Y.
13+77.17 / 22' LT - 13+18.53 / 22' LT		13 C.Y.
20+66.16 / 23' LT - 20+75.36 / 23' LT		3 C.Y.
20+82.04 / 50' RT - 21+17.85 / 50' RT		8 C.Y.
21+17.85 / 50' RT - 20+75.69 / 23' RT		11 C.Y.
21+34.40 / 23' LT - 20+75.36 / 23' LT		13 C.Y.
21+38.19 / 23' RT - 21+17.85 / 50' RT		8 C.Y.
TOTAL		70 C.Y.

<b>20800500</b>		
INLET AND PIPE PROTECTION		
STA. 13+26.75 / 47.94' LT		1 EA
STA. 13+51.50 / 47.67' LT		1 EA
STA. 20+82.04 / 50.14' RT		1 EA
STA. 21+17.78 / 50.13' RT		1 EA
STA. 13+77.17 / 22.18' LT		1 EA
STA. 20+66.16 / 22.63' LT		1 EA
STA. 21+34.40 / 23.01' LT		1 EA
STA. 21+38.19 / 22.73' RT		1 EA
TOTAL		8 EA

<b>40600100</b>		
BITUMINOUS MATERIALS (PRIME COAT)		
STA. 3+13.88 - 45+85.62		1093 GAL
TOTAL		1093 GAL

<b>40600400</b>		
MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS		
VARIOUS LOCATIONS		50 TON
TOTAL		50 TON

<b>40600827</b>		
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50		
STA. 3+13.88 - 45+85.62		1343 TON
TOTAL		1343 TON

<b>40600990</b>		
TEMPORARY RAMP		
STA. 3+13.88 (2 APPLICATIONS)		50 S.Y.
STA. 9+53.94 - 9+93.92 / RT		45 S.Y.
STA. 10+02.75 - 10+38.84 / RT		40 S.Y.
STA. 13+04.74 - 13+81.15 / LT		85 S.Y.
STA. 13+26.18 - 13+52.36 / RT		29 S.Y.
STA. 16+59.46 - 17+27.36 / LT		29 S.Y.
TOTAL		378 S.Y.

<b>40600990</b>		
TEMPORARY RAMP (CONT.)		
STA. 16+80.85 - 17+06.99 / RT		75 S.Y.
STA. 20+54.74 - 21+47.31 / LT		100 S.Y.
STA. 20+56.25 - 21.43.80 / RT		96 S.Y.
STA. 27+21.02 - 27+96.09 / LT		83 S.Y.
STA. 27+44.02 - 27+70.84 / RT		30 S.Y.
STA. 33+76.61 - 34+39.21 / LT		70 S.Y.
STA. 44+50.13 - 45+13.50 / LT		70 S.Y.
STA. 45+85.62		50 S.Y.
TOTAL		852 S.Y.

<b>40603535</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50		
STA. 3+13.88 - 45+85.62		2382 TON
TOTAL		2382 TON


<b>42300300</b>		
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH		
STA. 3+58.88		9 S.Y.
STA. 7+18.87		7 S.Y.
STA. 7+74.64		13 S.Y.
STA. 18+31.00		21 S.Y.
STA. 18+79.96		17 S.Y.
STA. 19+77.41		16 S.Y.
STA. 29+11.63		5 S.Y.
STA. 33+99.57		10 S.Y.
STA. 34+75.87		12 S.Y.
STA. 35+57.07		22 S.Y.
STA. 35+67.96		10 S.Y.
STA. 36+02.25		10 S.Y.
STA. 36+18.01		21 S.Y.
STA. 37+18.61		14 S.Y.
STA. 37+63.21		14 S.Y.
STA. 38+28.58		14 S.Y.
STA. 38+80.58		21 S.Y.
STA. 38+96.56		14 S.Y.
STA. 39+28.45		14 S.Y.
STA. 39+29.25		14 S.Y.
STA. 40+05.83		24 S.Y.
STA. 41+01.63		24 S.Y.
STA. 41+04.72		24 S.Y.
STA. 41+99.16		14 S.Y.
STA. 42+74.93		14 S.Y.
TOTAL		378 S.Y.

<b>42400100</b>		
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH		
STA. 3+58.88		35 SF
STA. 7+18.87		35 SF
STA. 7+74.64		35 SF
STA. 11+89.43 - 12+12.47		96 SF
25TH STREET NORTHWEST		160 SF
25TH STREET SOUTHWEST		32 SF
25TH STREET NORTHEAST		169 SF
25TH STREET SOUTHEAST		163 SF
26TH STREET NORTHWEST		151 SF
26TH STREET SOUTHWEST		186 SF
26TH STREET NORTHEAST		40 SF
26TH STREET SOUTHEAST		198 SF
STA. 18+31.00		35 SF
STA. 18+79.96		35 SF
STA. 19+77.41		35 SF
27TH STREET NORTHWEST		218 SF
27TH STREET SOUTHWEST		186 SF
27TH STREET NORTHEAST		178 SF
27TH STREET SOUTHEAST		229 SF
29TH STREET NORTHWEST		89 SF
29TH STREET SOUTHWEST		99 SF
29TH STREET NORTHEAST		136 SF
29TH STREET SOUTHEAST		102 SF
STA. 30+27.6 - 30+69.15		164 SF
STA. 31+02.11 - 31+27.54		84 SF
STA. 33+99.57		35 SF
31ST STREET NORTHWEST		161 SF
STA. 34+25.00 - 35+45.88		735 SF
STA. 34+75.87		35 SF
STA. 35+67.76		18 SF
STA. 35+69.24 - 36+05.85		248 SF
STA. 36+02.25		18 SF
STA. 36+30.33 - 37+07.50		553 SF
STA. 37+29.85 - 37+52.37		159 SF
STA. 38+28.58		35 SF
STA. 38+80.58		35 SF
STA. 38+96.56		35 SF
STA. 38+28.45		35 SF
STA. 39+29.25		35 SF

<b>42400100</b>		
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (CONT.)		
STA. 40+05.83		35 SF
STA. 41+01.63		35 SF
STA. 41+04.72		45 SF
STA. 41+99.16		35 SF
STA. 42+74.93		35 SF
33RD STREET NORTHWEST		130 SF
33RD STREET NORTHEAST		74 SF
TOTAL		5523 SF

<b>42400800</b>		
DETECTABLE WARNINGS		
25TH STREET NORTHWEST		19 S.F.
25TH STREET SOUTHWEST		8 S.F.
25TH STREET NORTHEAST		21 S.F.
25TH STREET SOUTHEAST		8 S.F.
26TH STREET NORTHWEST		8 S.F.
26TH STREET SOUTHWEST		18 S.F.
26TH STREET NORTHEAST		20 S.F.
26TH STREET SOUTHEAST		16 S.F.
27TH STREET NORTHWEST		13 S.F.
27TH STREET SOUTHWEST		8 S.F.
27TH STREET NORTHEAST		12 S.F.
27TH STREET SOUTHEAST		18 S.F.
29TH STREET NORTHWEST		18 S.F.
29TH STREET SOUTHWEST		18 S.F.
29TH STREET NORTHEAST		14 S.F.
29TH STREET SOUTHEAST		18 S.F.
31ST STREET NORTHWEST		22 S.F.
31ST STREET NORTHWEST		22 S.F.
33RD STREET NORTHWEST		10 S.F.
33RD STREET NORTHEAST		10 S.F.
TOTAL		301 S.F.

<b>44000200</b>		
DRIVEWAY PAVEMENT REMOVAL		
STA. 3+58.88		9 S.Y.
STA. 7+18.87 RT		7 S.Y.
STA. 7+74.64		13 S.Y.
STA. 18+31.00		17 S.Y.
STA. 18+79.96		17 S.Y.
STA. 19+77.41		16 S.Y.



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CITY ENGINEER - SCOTT HINTON, P.E.

**12TH AVENUE OVERLAY**  
19TH STREET TO 34TH STREET  
SCHEDULE OF QUANTITIES

3-21-13	DOT COMMENTS			
Date	Revision			

Date	2-20-12	Sheet	3
Scale	1:20	of	40
Design Engineer	JWC	Project	MFT 254



<b>60107700</b>	
PIPE UNDERDRAINS 6"	
34+67.22 / 25' LT - 37+41.52 / 25' LT	268 FT
TOTAL	268 FT

<b>60218300</b>	
MANHOLE TYPE A 4' - DIAMETER W/ TYPE 1 FRAME, OPEN LID	
STA. 13+18.53 / 22.13' LT	1 EA
STA. 20+75.69 / 23.15' RT	1 EA
TOTAL	2 EA

<b>60255500</b>	
MANHOLES TO BE ADJUSTED	
STA. 3+62.52 / 12.88' RT	1 EA
STA. 5+47.41 / 3.50' RT	1 EA
STA. 5+83.41 / 11.84' RT	1 EA
STA. 6+76.52 / 18.66' RT	1 EA
STA. 7+74.19 / 10.02' RT	1 EA
STA. 9+44.19 / 1.80' RT	1 EA
STA. 9+46.44 / 8.85' RT	1 EA
STA. 9+81.85 / 1.41' RT	1 EA
STA. 10+28.58 / 5.83' RT	1 EA
STA. 13+08.56 / 5.15' RT	1 EA
STA. 13+40.75 / 1.84' LT	1 EA
STA. 20+75.36 / 22.95' LT	1 EA
STA. 20+89.72 / 2.82' LT	1 EA
STA. 27+57.36 / 0.60' RT	1 EA
STA. 30+64.49 / 1.01' RT	1 EA
STA. 33+89.37 / 24.72' RT	1 EA
STA. 37+27.60 / 5.36' RT	1 EA
STA. 43+28.05 / 0.95' LT	1 EA
STA. 44+76.34 / 4.09' LT	1 EA
STA. 44+94.93 / 31.50' LT	1 EA
STA. 45+24.27 / 15.88' LT	1 EA
STA. 45+34.82 / 8.77' LT	1 EA
TOTAL	22 EA

<b>60260100</b>	
INLETS TO BE ADJUSTED	
STA. 5+63.34 / 22.19' LT	1 EA
STA. 5+75.23 / 23.00' RT	1 EA
STA. 9+41.32 / 28.48' RT	1 EA
STA. 9+59.94 / 23.27' LT	1 EA
STA. 10+66.96 / 22.29' RT	1 EA
STA. 13+19.98 / 27.92' RT	1 EA
STA. 13+72.31 / 22.47' RT	1 EA
STA. 33+74.22 / 22.75' LT	1 EA
STA. 33+76.17 / 22.39' RT	1 EA
STA. 37+41.15 / 21.55' RT	1 EA
STA. 41+39.00 / 22.11' RT	1 EA
STA. 41+39.53 / 22.97' LT	1 EA
STA. 44+01.42 / 22.56' LT	1 EA
STA. 44+01.92 / 22.87' RT	1 EA
STA. 45+34.30 / 22.19' LT	1 EA
TOTAL	15 EA

<b>60265700</b>	
VALVE VAULT TO BE ADJUSTED	
STA. 9+27.38 / 16.91' LT	1 EA
STA. 13+02.11 / 2.10' LT	1 EA
STA. 13+40.43 / 25.42' RT	1 EA
STA. 13+41.53 / 28.14' LT	1 EA
STA. 13+72.35 / 1.13' LT	1 EA
STA. 16+96.50 / 28.51' LT	1 EA
STA. 17+22.06 / 15.54' RT	1 EA
STA. 20+69.85 / 2.89' LT	1 EA
STA. 21+27.67 / 16.70' RT	1 EA
STA. 21+29.67 / 3.06' LT	1 EA
STA. 27+37.88 / 0.54' RT	1 EA
STA. 28+03.12 / 16.27' RT	1 EA
STA. 33+48.20 / 1.63' RT	1 EA
STA. 33+64.64 / 17.40' RT	1 EA
STA. 33+85.64 / 0.14' RT	1 EA
STA. 40+24.63 / 5.83' RT	1 EA
STA. 43+20.40 / 8.29' LT	1 EA
STA. 44+81.88 / 35.11' LT	1 EA
TOTAL	18 EA

<b>60500040</b>	
REMOVING MANHOLES	
STA. 20+75.69 / 23.15' RT	1 EA
TOTAL	1 EA

<b>60500060</b>	
REMOVING INLETS	
STA. 13+21.72 / 28.81' LT	1 EA
STA. 13+72.13 / 22.33' LT	1 EA
STA. 20+70.15 / 26.48' RT	1 EA
STA. 20+75.03 / 29.14' LT	1 EA
STA. 21+24.50 / 29.91' LT	1 EA
STA. 21+26.06 / 29.01' RT	1 EA
TOTAL	6 EA

<b>60604700</b>	
COMBINATION CURB AND GUTTER, TYPE B6.18 (MODIFIED)	
STA. 7+18.87 RT	50 FT
STA. 7+74.64	23 FT
STA. 18+31.00	30 FT
STA. 18+79.96	16 FT
STA. 19+77.41	30 FT
STA. 29+11.63	16 FT
STA. 33+99.57	20 FT
STA. 34+75.87	23 FT
STA. 35+57.07	31 FT
STA. 35+67.96	22 FT
STA. 36+02.25	22 FT
STA. 36+18.01	30 FT
STA. 37+18.61	28 FT
STA. 37+63.21	28 FT
STA. 38+28.58	28 FT
STA. 38+80.58	30 FT
STA. 38+96.56	28 FT
STA. 39+28.45	28 FT
STA. 39+29.25	28 FT
STA. 40+05.83	34 FT
STA. 41+01.63	32 FT
STA. 41+04.72	30 FT
STA. 41+99.16	30 FT
STA. 42+74.93	30 FT
TOTAL	667 FT

<b>60605100</b>	
COMBINATION CURB AND GUTTER, TYPE B6.24 (AEP)	
STA. 3+13.88 - 3+61.44 / RT	50 FT
STA. 12+60.83 - 12+75.83 / LT	15 FT
STA. 24+52.32 - 24+73.48 / RT	22 FT
STA. 25+19.36 - 25+39.17 / RT	40 FT
STA. 30+57.04 - 30+69.15 / RT	13 FT
STA. 31+02.11 - 31+27.54 / RT	26 FT
STA. 34+61.75 - 34+71.39 / LT	6 FT
STA. 34+88.72 - 34+94.45 / LT	6 FT
STA. 35+09.70 - 35+15.85 / LT	6 FT
STA. 35+26.83 - 35+35.91 / LT	6 FT
TOTAL	190 FT

<b>78001100</b>	
PAINT PAVEMENT MARKING - LETTERS & SYMBOLS	
STA. 21+01.7 / 52.5' RT	8.8 SQ FT
TOTAL	8.8 SQ FT

<b>78001110</b>	
PAINT PAVEMENT MARKING - LINE 4"	
STA. 2+58.4 - 3+13.9	168 FT
STA. 20+96.9 / 36.5' - 72.5' RT	70 FT
STA. 21+06.8 / 36.5' - 72.5' RT	35 FT
STA. 45+85.6 - 46+73.5 / 0'	88 FT
STA. 45+85.6 - 46+73.5 / 11' RT	176 FT
TOTAL	361 FT

<b>78001130</b>	
PAINT PAVEMENT MARKING LINE - 6"	
STA. 13+10.9 - 13+71.6 / LT	100 FT
STA. 16+67.6 - 17+24.2 / LT	92 FT
STA. 27+25.8 - 27+90.8 / LT	105 FT
STA. 33+86.8 - 34+29.2 / LT	74 FT
STA. 44+61.22 - 45+06.1 / LT	85 FT
TOTAL	456 FT



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12TH AVENUE OVERLAY  
19TH STREET TO 34TH STREET  
SCHEDULE OF QUANTITIES

3-21-13	IDOT COMMENTS
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78001150	
PAINT PAVEMENT MARKING LINE - 12"	
STA. 13+10.9 - 13+71.6 / LT	60 FT
STA. 16+67.6 - 17+24.2 / LT	56 FT
STA. 27+25.8 - 27+90.8 / LT	66 FT
STA. 33+86.8 - 34+29.2 / LT	49 FT
STA. 44+61.22 - 45+06.1 / LT	58 FT
TOTAL	289 FT

78001180	
PAINT PAVEMENT MARKING LINE - 24"	
STA. 13+23.3 - 13+39.5 / LT	16 FT
STA. 16+78.7 - 16+94.2 / LT	16 FT
STA. 20+78.5 - 21+00.4 / LT	22 FT
STA. 20+96.9 - 21+19.6 / RT	22 FT
STA. 27+41.0 - 27+58.1 / LT	16 FT
STA. 33+93.8 - 34+07.7 / LT	13 FT
STA. 44+69.0 - 44+83.0 / LT	14 FT
STA. 46+73.5 / 0' - 25' RT	25 FT
TOTAL	144 FT

78000200	
THERMOPLASTIC PAVEMENT MARKING LINE - 4"	
STA. 3+13.88 - 20+69.88	4389 FT
STA. 21+30.01 - 45+85.62	6139 FT
TOTAL	10528 FT

78000400	
THERMOPLASTIC PAVEMENT MARKING LINE - 6"	
STA. 13+22.6 - 13+54.5 / RT	60 FT
STA. 16+67.5 - 17+20.9 / RT	51 FT
STA. 20+70.2 - 21+29.6 / LT	216 FT
STA. 20+70.2 - 21+29.6 / RT	216 FT
STA. 27+27.6 - 27+87.9 / RT	95 FT
TOTAL	638 FT

78000600	
THERMOPLASTIC PAVEMENT MARKING LINE - 12"	
STA. 13+22.6 - 13+54.5 / RT	35 FT
STA. 16+67.5 - 17+20.9 / RT	70 FT
STA. 20+70.2 - 21+29.6 / LT	170 FT
STA. 20+70.2 - 21+29.6 / RT	170 FT
STA. 27+27.6 - 27+87.9 / RT	60 FT
TOTAL	505 FT

78000660	
THERMOPLASTIC PAVEMENT MARKING LINE - 24"	
STA. 13+39.1 - 13+51.8 / RT	13 FT
STA. 16+93.7 - 17+08.2 / RT	16 FT
STA. 20+67.0 / 0' - 23' RT	23 FT
STA. 21+33.8 / 0' - 23' RT	23 FT
STA. 27+57.4 - 27+72.0 / RT	16 FT
TOTAL	91 FT

X0326862	
STRUCTURES TO BE ADJUSTED	
STA. 16+49.05 / 0.22' LT	1 EA
STA. 17+40.80 / 0.96' LT	1 EA
STA. 34+61.95 / 2.65' RT	1 EA
TOTAL	3 EA

X8024242	
INLET, SPECIAL, NO. 1	
STA. 13+26.75 / 48.08' LT	1 EA
STA. 13+51.50 / 48.08' LT	1 EA
STA. 20+82.04 / 50.14' RT	1 EA
STA. 21+17.78 / 50.13' RT	1 EA
TOTAL	4 EA

X8024244	
INLET, SPECIAL, NO. 2	
STA. 13+77.17 / 22.18' LT	1 EA
STA. 20+59.78 / 21.7' LT	1 EA
STA. 21+41.29 / 22.0' LT	1 EA
STA. 21+38.19 / 22.73' RT	1 EA
TOTAL	4 EA

XX006343	
SEEDING COMPLETE	
STA. 3+58.88	3 SY
STA. 7+18.87	3 SY
STA. 7+74.64	3 SY
STA. 11+89.43 - 12+12.47	7 SY
25TH STREET NORTHWEST	12 SY
25TH STREET SOUTHWEST	4 SY
25TH STREET NORTHEAST	10 SY
25TH STREET SOUTHEAST	6 SY
26TH STREET NORTHWEST	7 SY
26TH STREET SOUTHWEST	5 SY
26TH STREET NORTHEAST	3 SY
26TH STREET SOUTHEAST	13 SY
STA. 18+31.00	3 SY
STA. 18+79.96	3 SY
STA. 19+77.41	3 SY
27TH STREET NORTHWEST	12 SY
27TH STREET SOUTHWEST	15 SY
27TH STREET NORTHEAST	12 SY
27TH STREET SOUTHEAST	12 SY
29TH STREET NORTHWEST	4 SY
29TH STREET SOUTHWEST	6 SY
29TH STREET NORTHEAST	6 SY
29TH STREET SOUTHEAST	6 SY
STA. 30+27.6 - 30+69.15	10 SY
STA. 31+02.11 - 31+27.54	8 SY
31ST STREET NORTHWEST	3 SY
31ST STREET NORTHWEST	5 SY
STA. 34+75.87	3 SY
STA. 35+67.76	3 SY
STA. 35+69.24 - 36+05.85	3 SY
STA. 36+02.25	12 SY
STA. 36+30.33 - 37+07.50	25 SY
STA. 37+29.85 - 37+52.37	8 SY
STA. 38+28.58	3 SY
STA. 38+80.58	3 SY
STA. 38+96.56	3 SY
STA. 38+28.45	3 SY
STA. 39+29.25	3 SY

XX006343	
SEEDING COMPLETE	
STA. 40+05.83	3 SY
STA. 41+01.63	3 SY
STA. 41+04.72	4 SY
STA. 41+99.16	3 SY
STA. 42+74.93	3 SY
33RD STREET NORTHWEST	4 SY
33RD STREET NORTHEAST	3 SY
TOTAL	267 SY

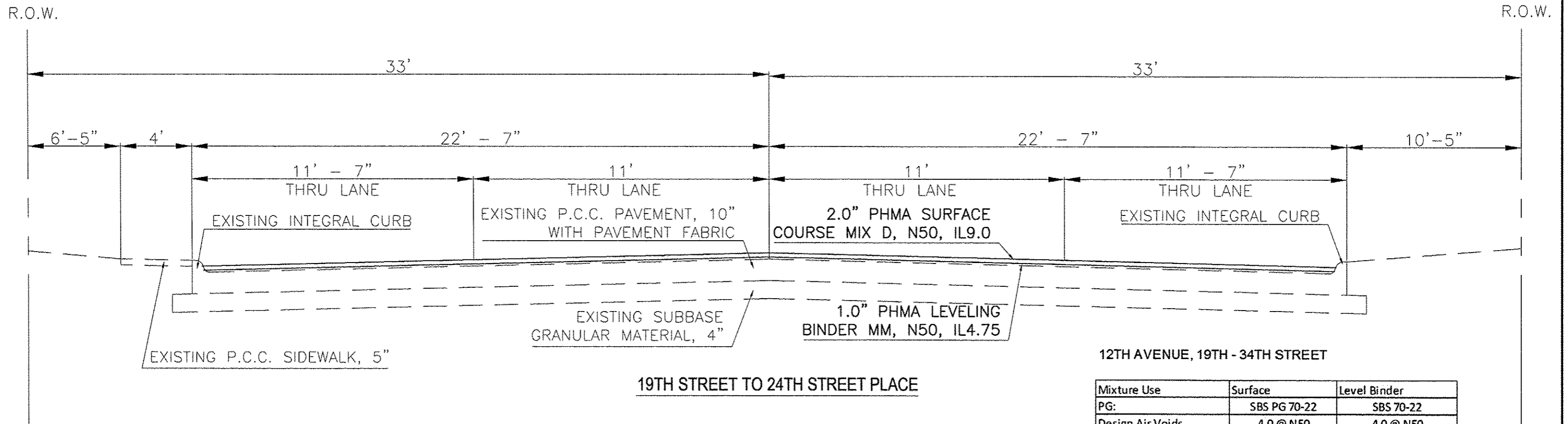


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12TH AVENUE OVERLAY  
19TH STREET TO 34TH STREET  
SCHEDULE OF QUANTITIES

Date	Revision
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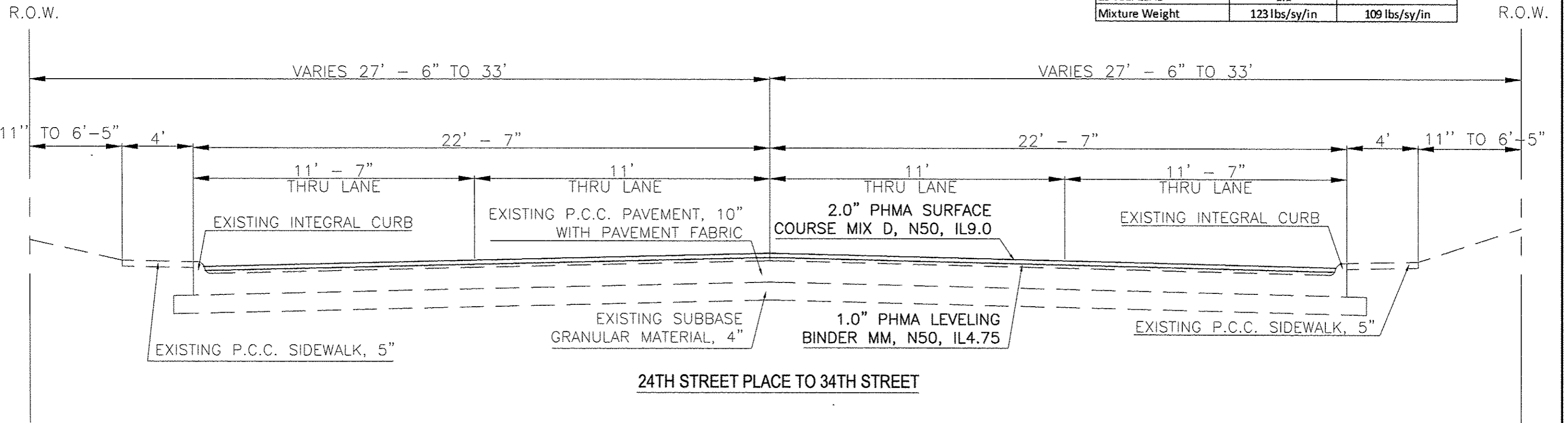
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19TH STREET TO 24TH STREET PLACE

12TH AVENUE, 19TH - 34TH STREET

Mixture Use	Surface	Level Binder
PG:	SBS PG 70-22	SBS 70-22
Design Air Voids	4.0 @ N50	4.0 @ N50
Mixture Composition: (Gradation Mixture)	IL 9.5	IL 4.75
Friction Aggregate	D	N/A
20 Year ESAL	1.1	
Mixture Weight	123 lbs/sy/in	109 lbs/sy/in



24TH STREET PLACE TO 34TH STREET

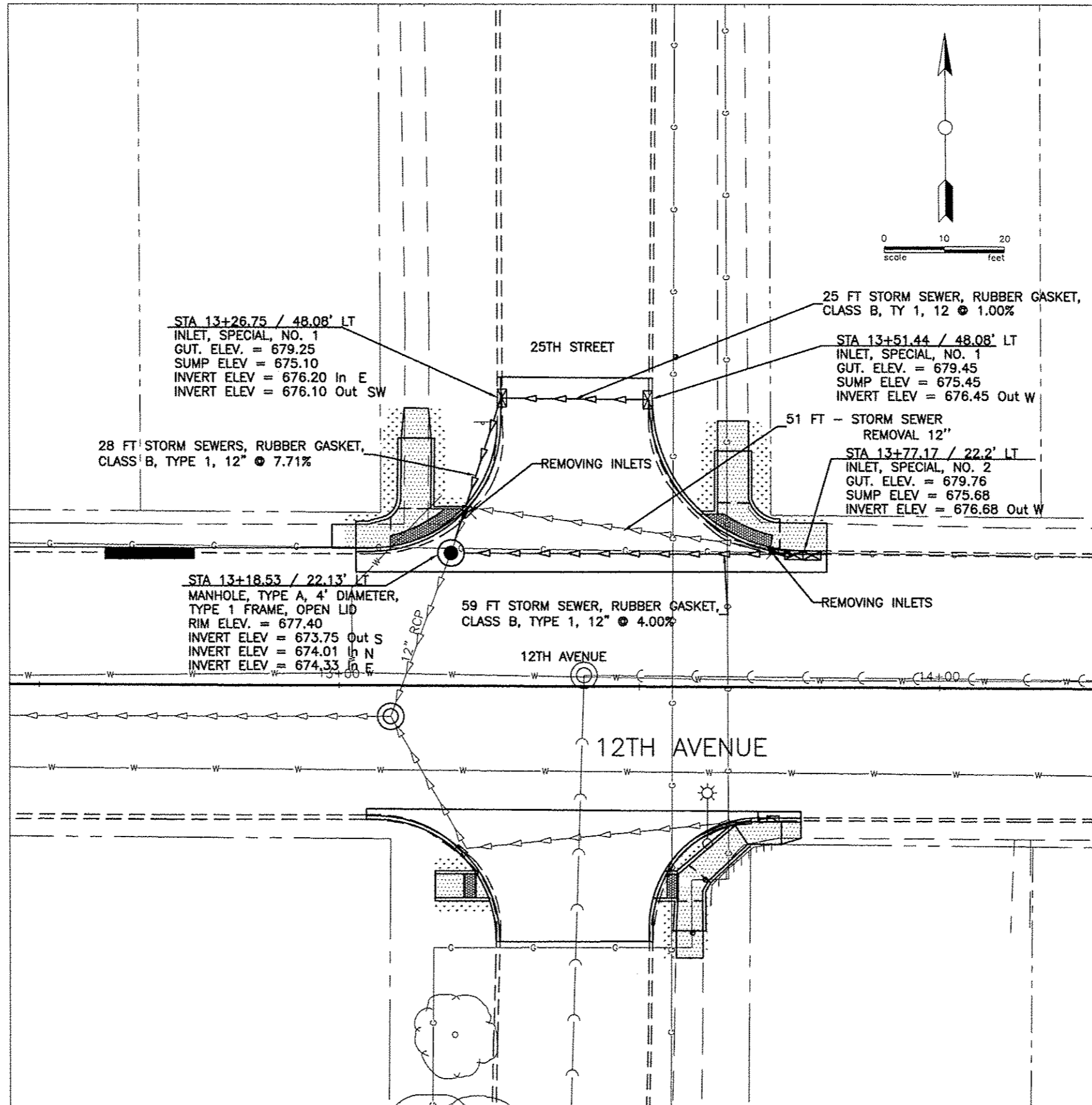


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12TH AVENUE OVERLAY  
19TH STREET TO 34TH STREET  
TYPICAL SECTIONS

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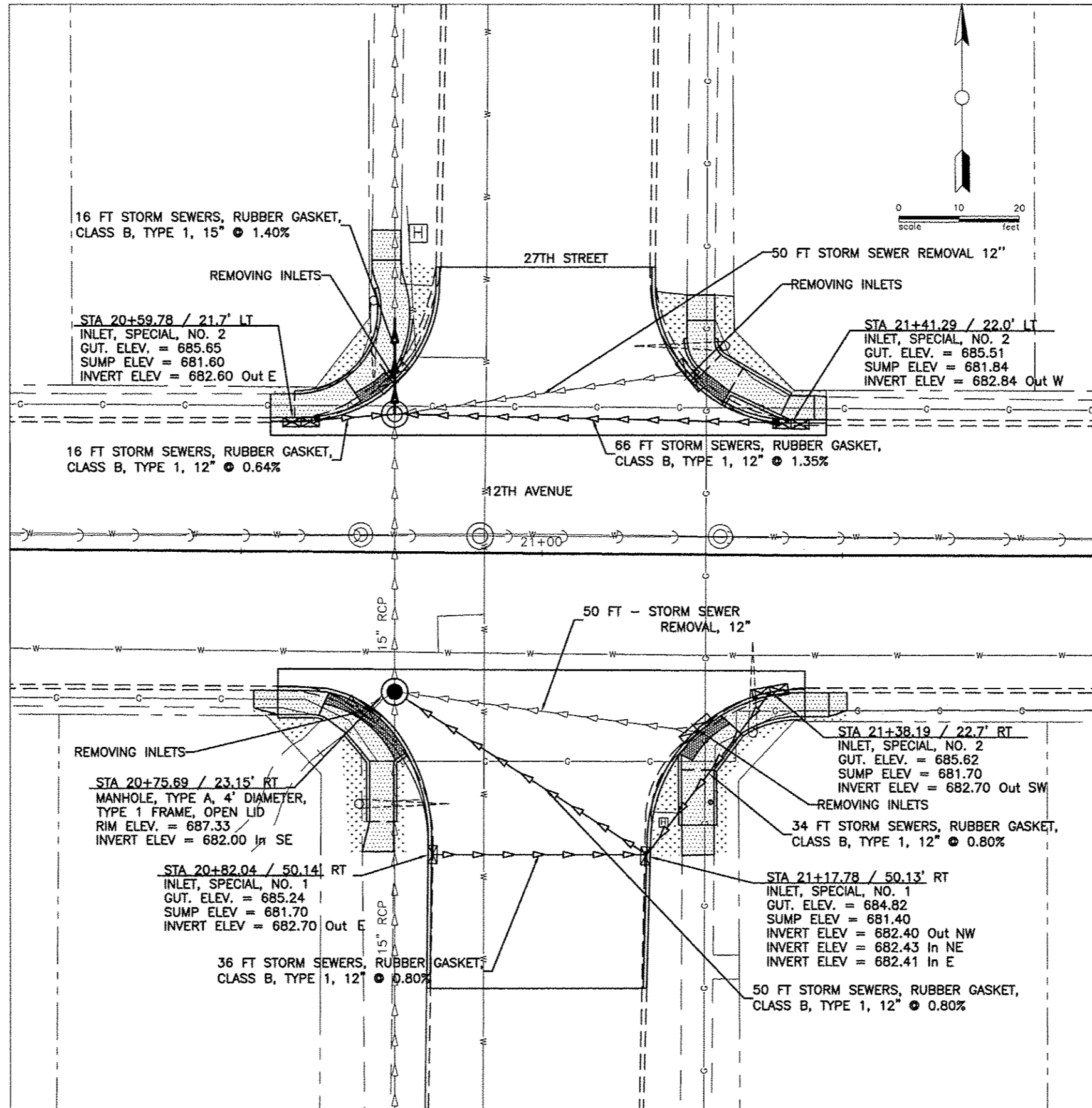
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12TH AVENUE OVERLAY  
 19TH STREET TO 34TH STREET  
 STORM SEWER AT 25TH STREET

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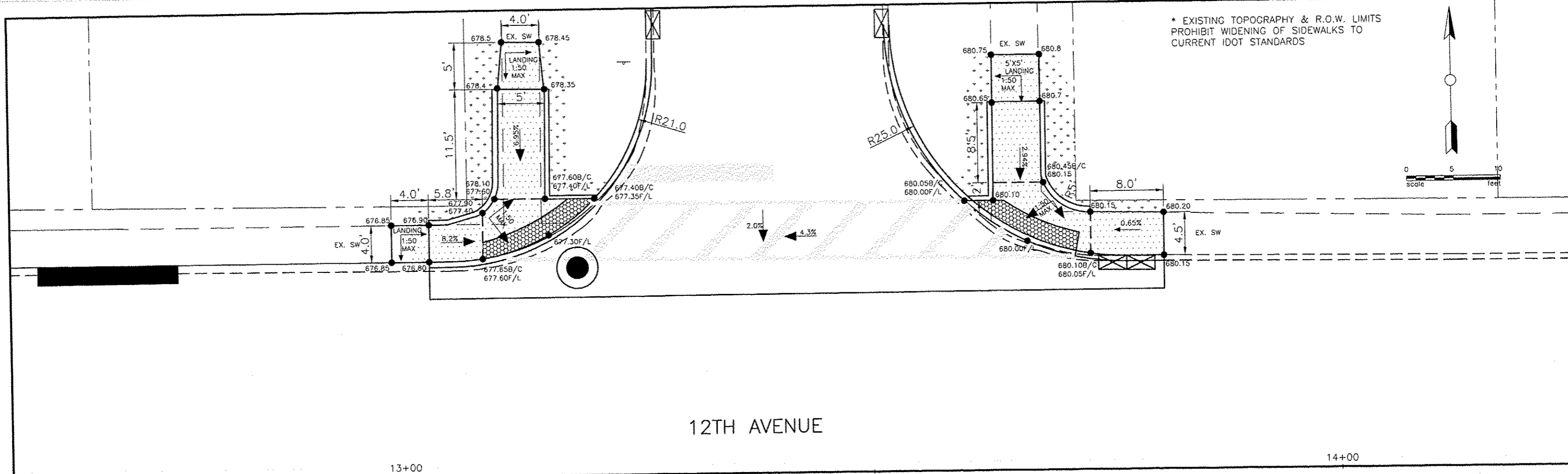
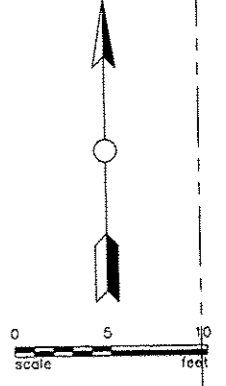
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12TH AVENUE OVERLAY  
19TH STREET TO 34TH STREET  
STORM SEWER AT 27TH STREET

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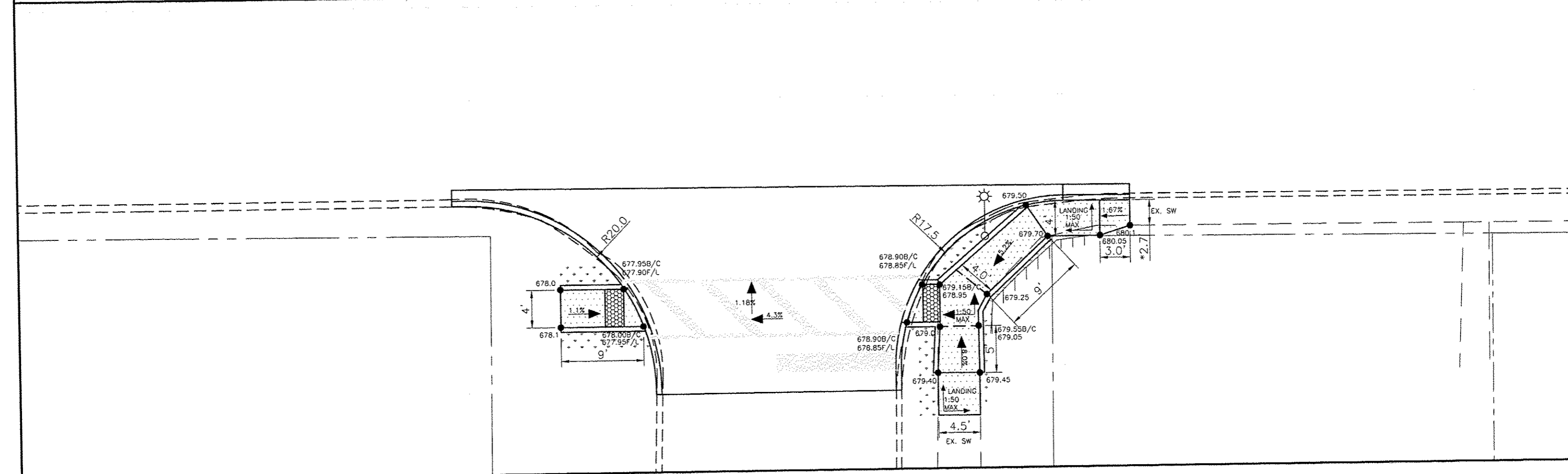
\* EXISTING TOPOGRAPHY & R.O.W. LIMITS PROHIBIT WIDENING OF SIDEWALKS TO CURRENT IDOT STANDARDS



12TH AVENUE

13+00

14+00

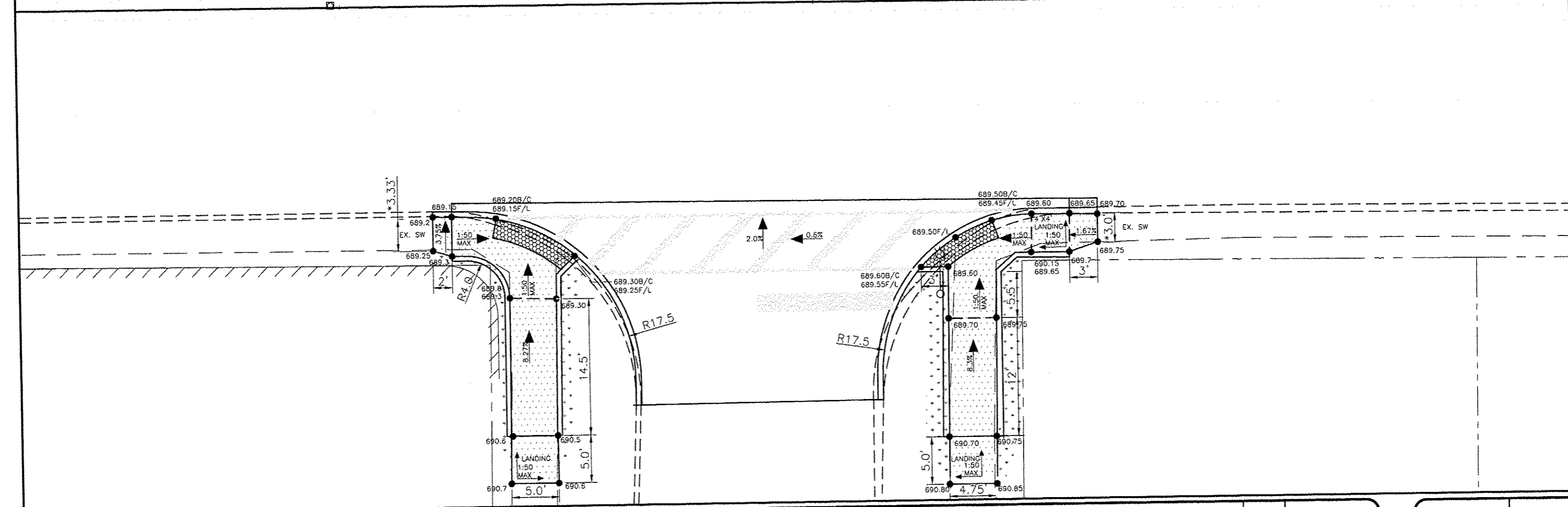
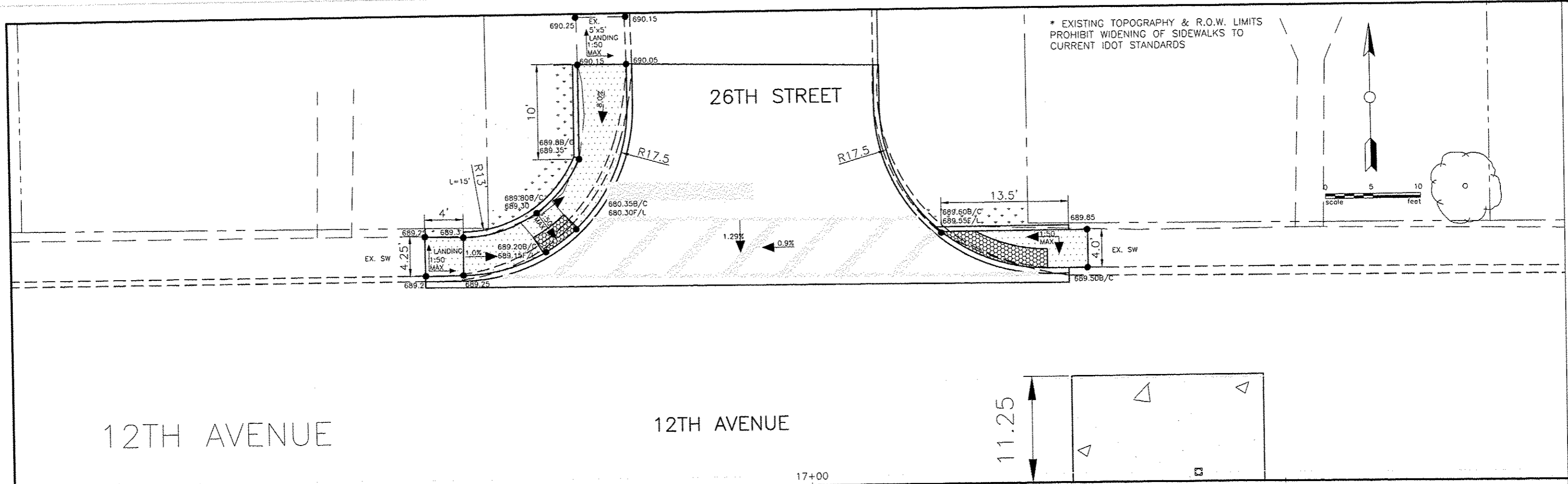


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12TH AVENUE OVERLAY  
 19TH STREET TO 34TH STREET  
 SIDEWALKS (25TH STREET)

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**CITY OF MOLINE ILLINOIS**

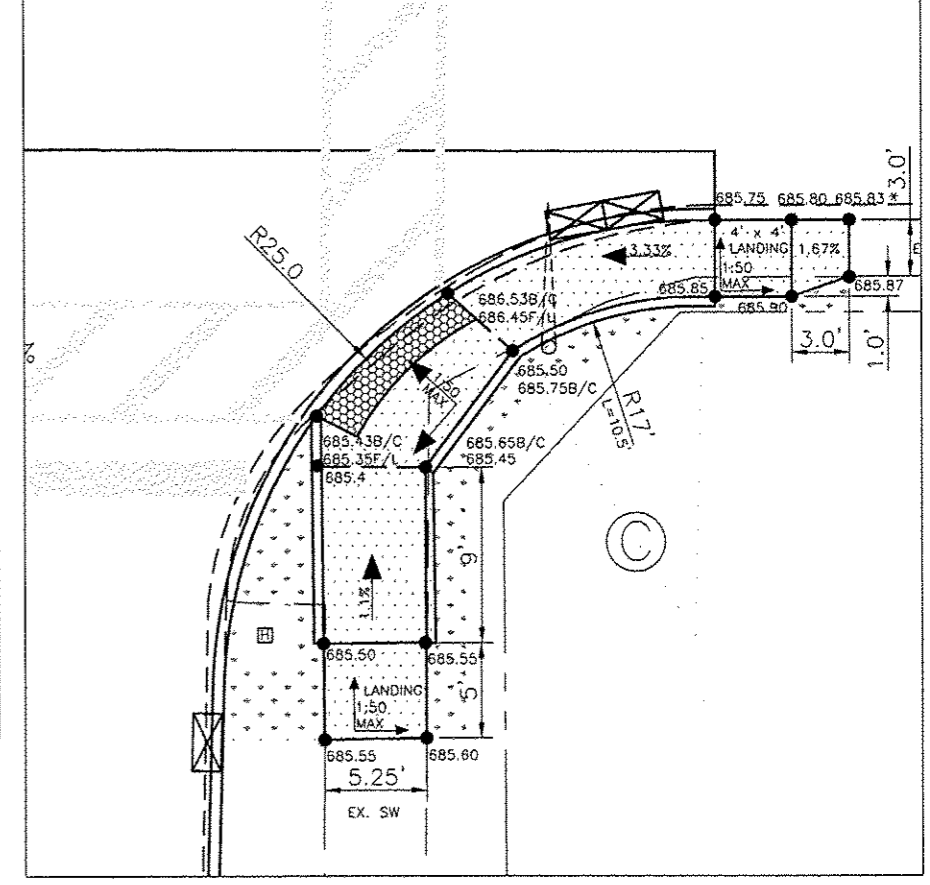
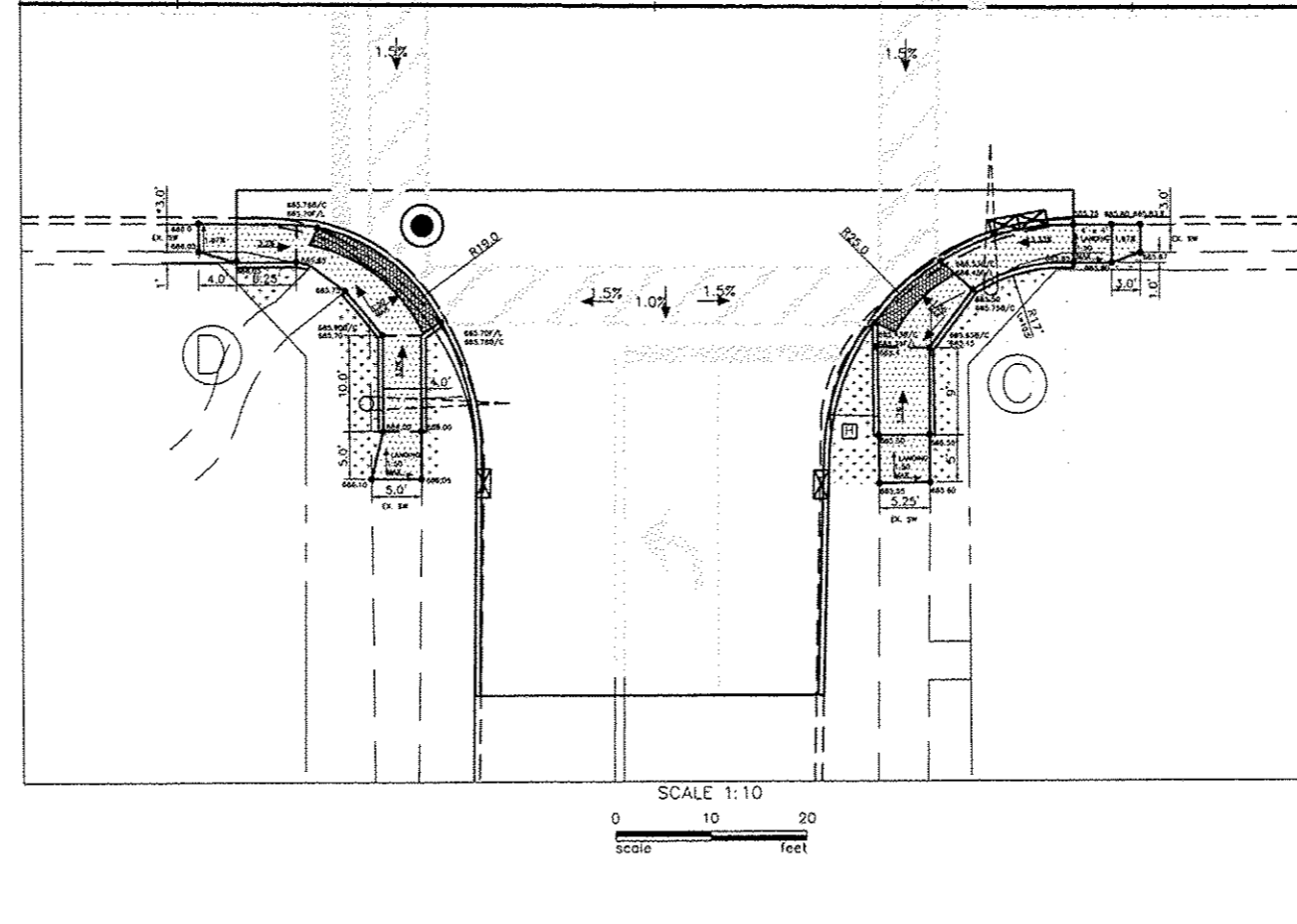
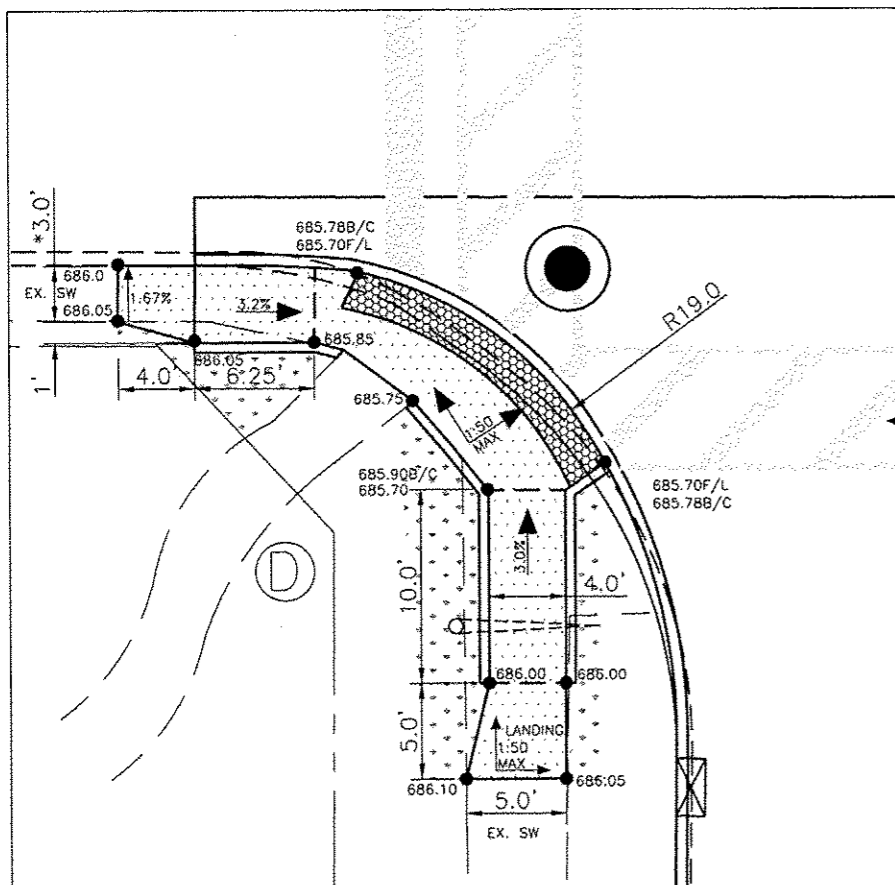
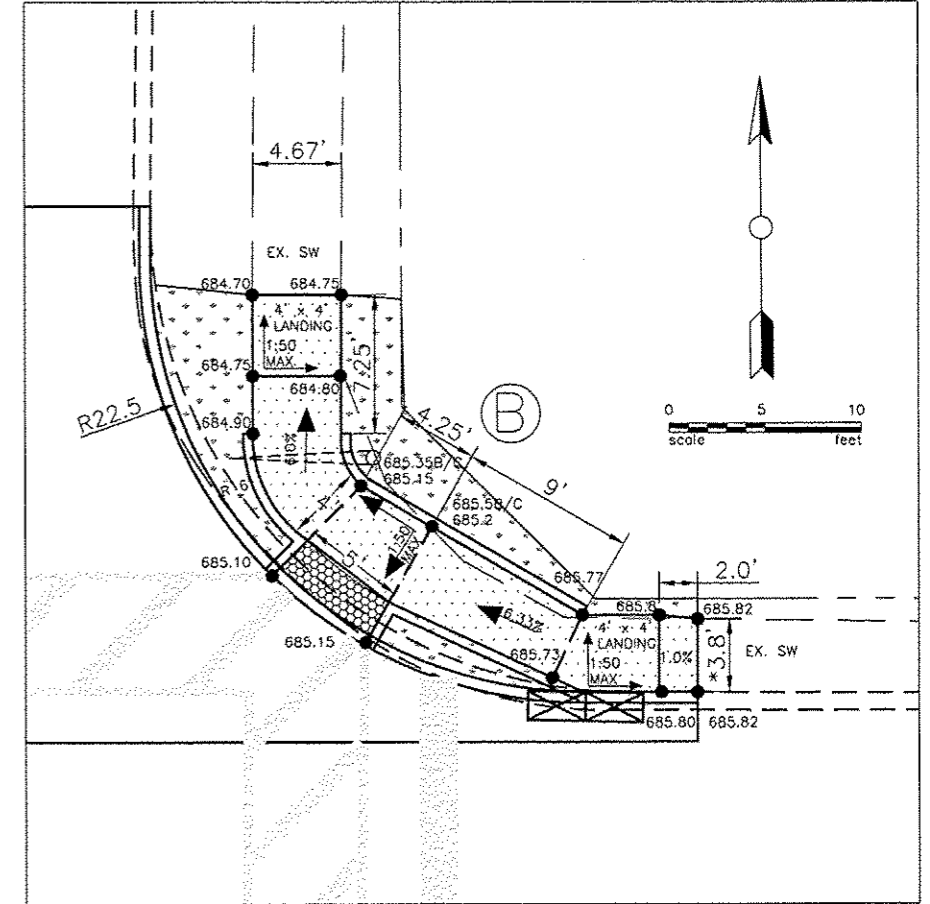
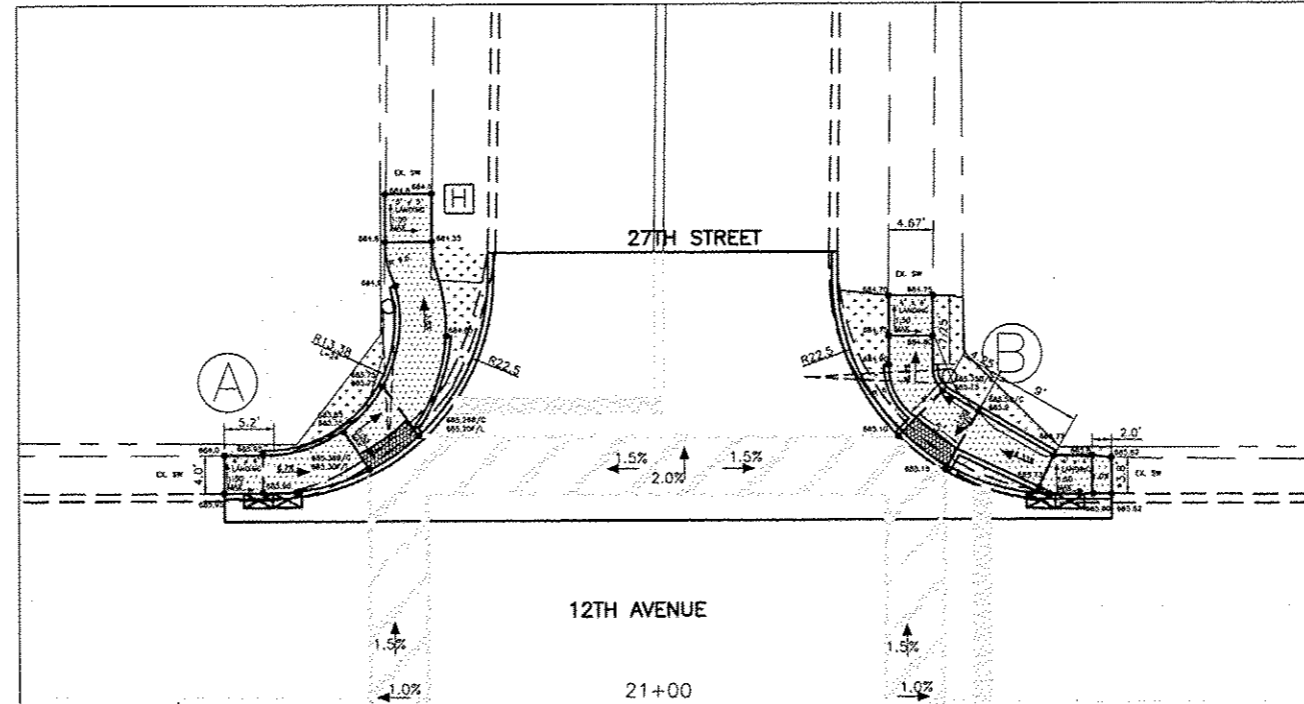
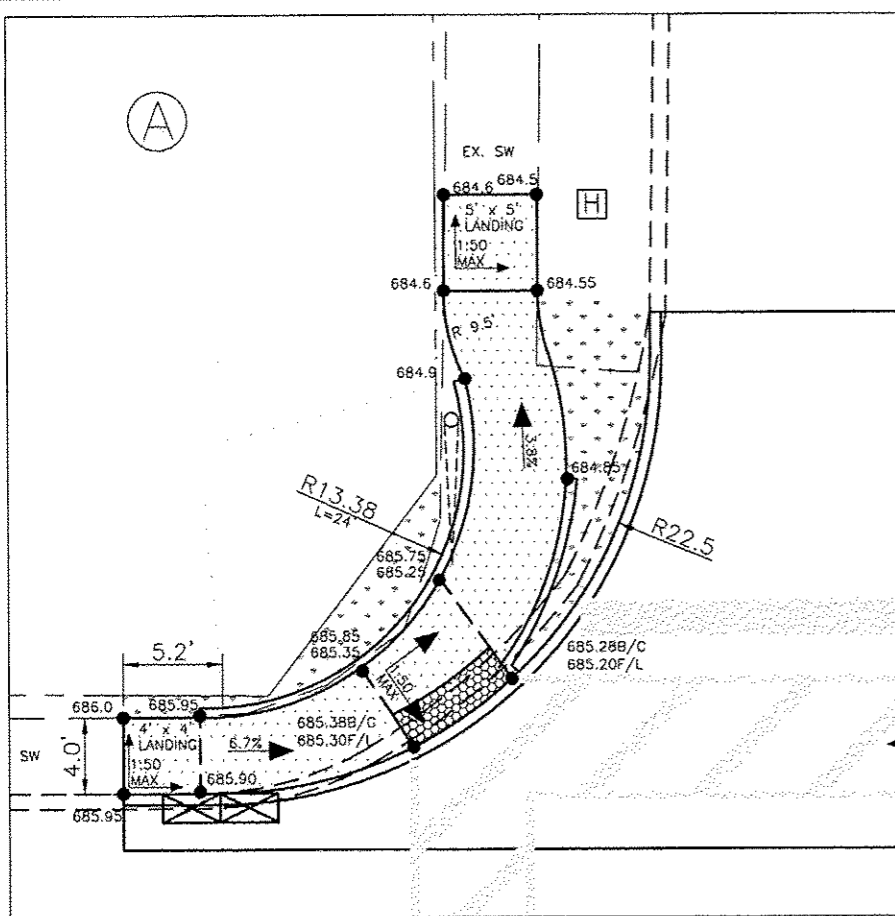
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**12TH AVENUE OVERLAY**  
 19TH STREET TO 34TH STREET  
 SIDEWALKS (26TH STREET)

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\* EXISTING TOPOGRAPHY & R.O.W. LIMITS PROHIBIT WIDENING OF SIDEWALKS TO CURRENT IDOT STANDARDS

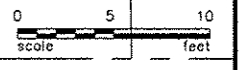


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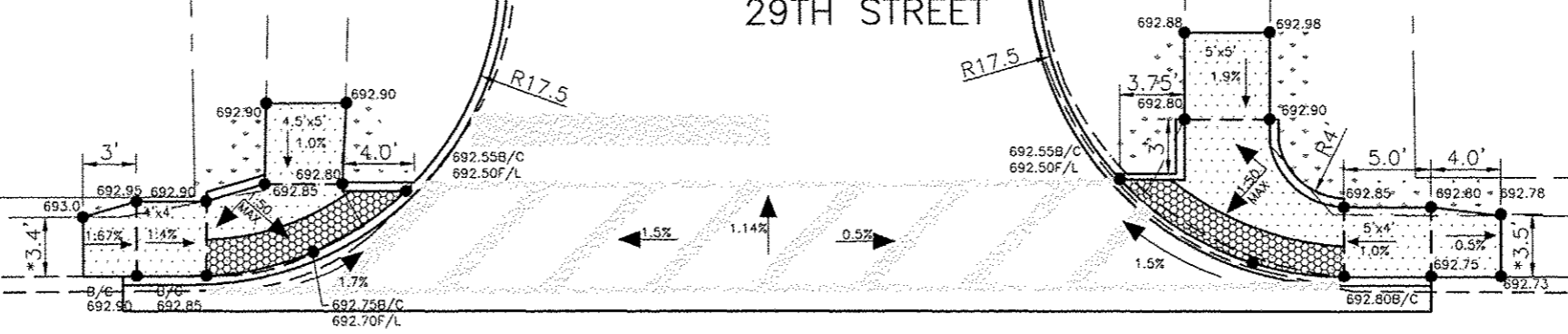
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 19TH STREET TO 34TH STREET  
 SIDEWALKS (27TH STREET)

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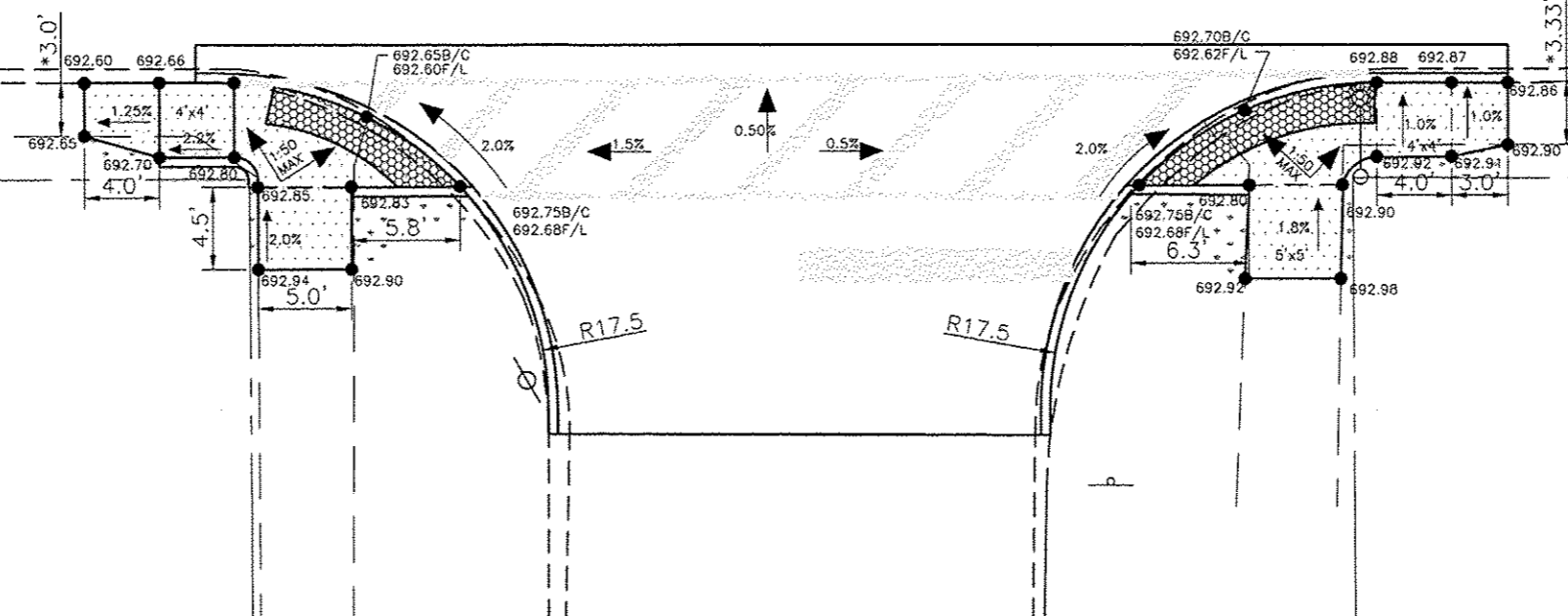
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29TH STREET



12TH AVENUE

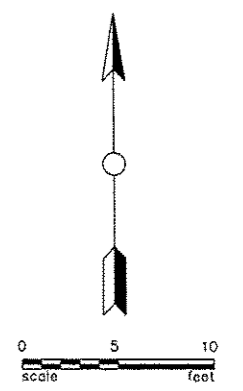
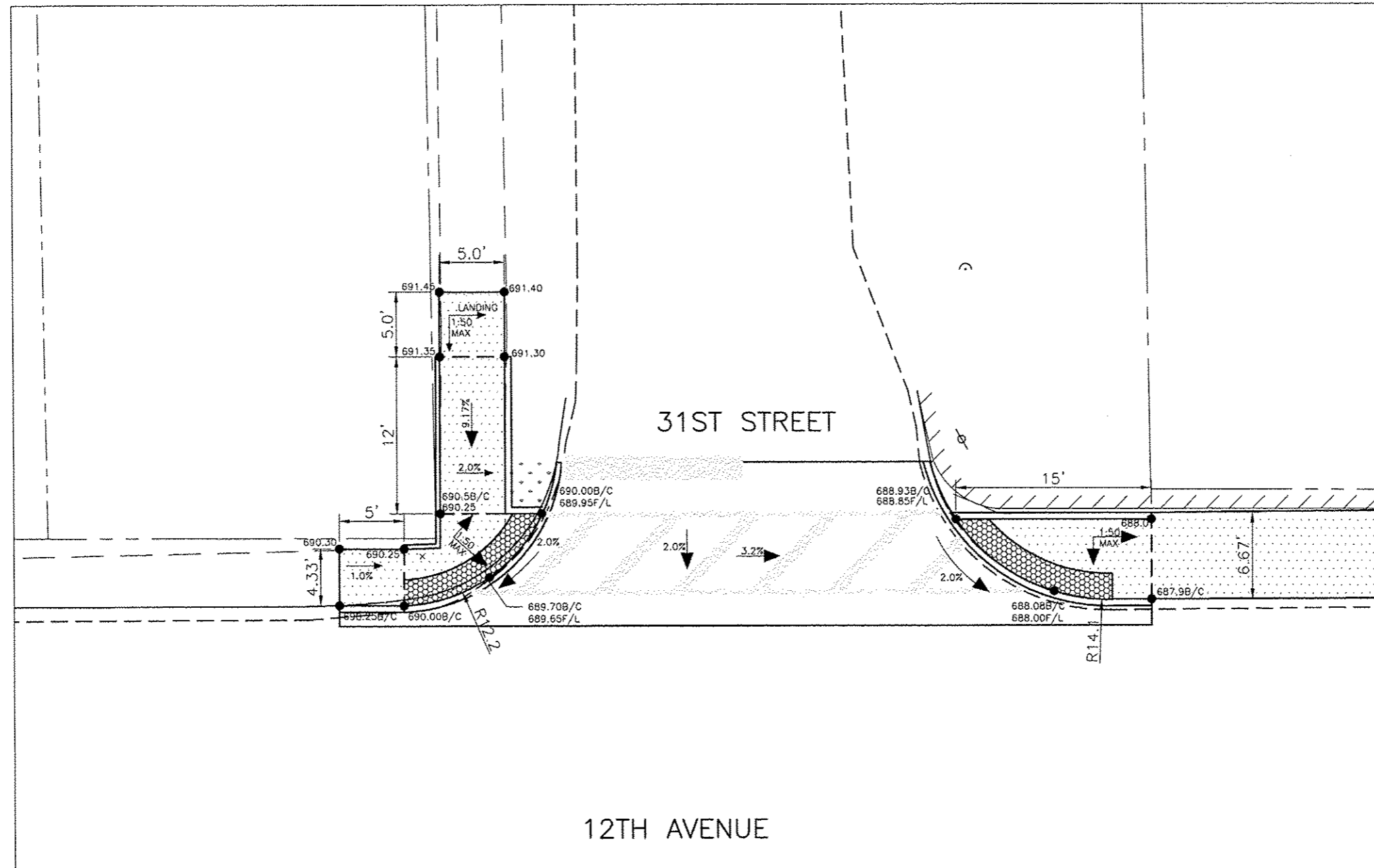



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**12TH AVENUE OVERLAY**  
 19TH STREET TO 34TH STREET  
 SIDEWALKS (29TH STREET)

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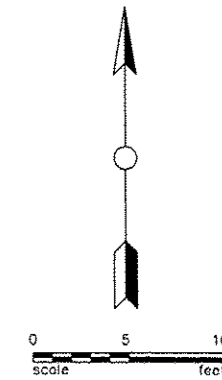
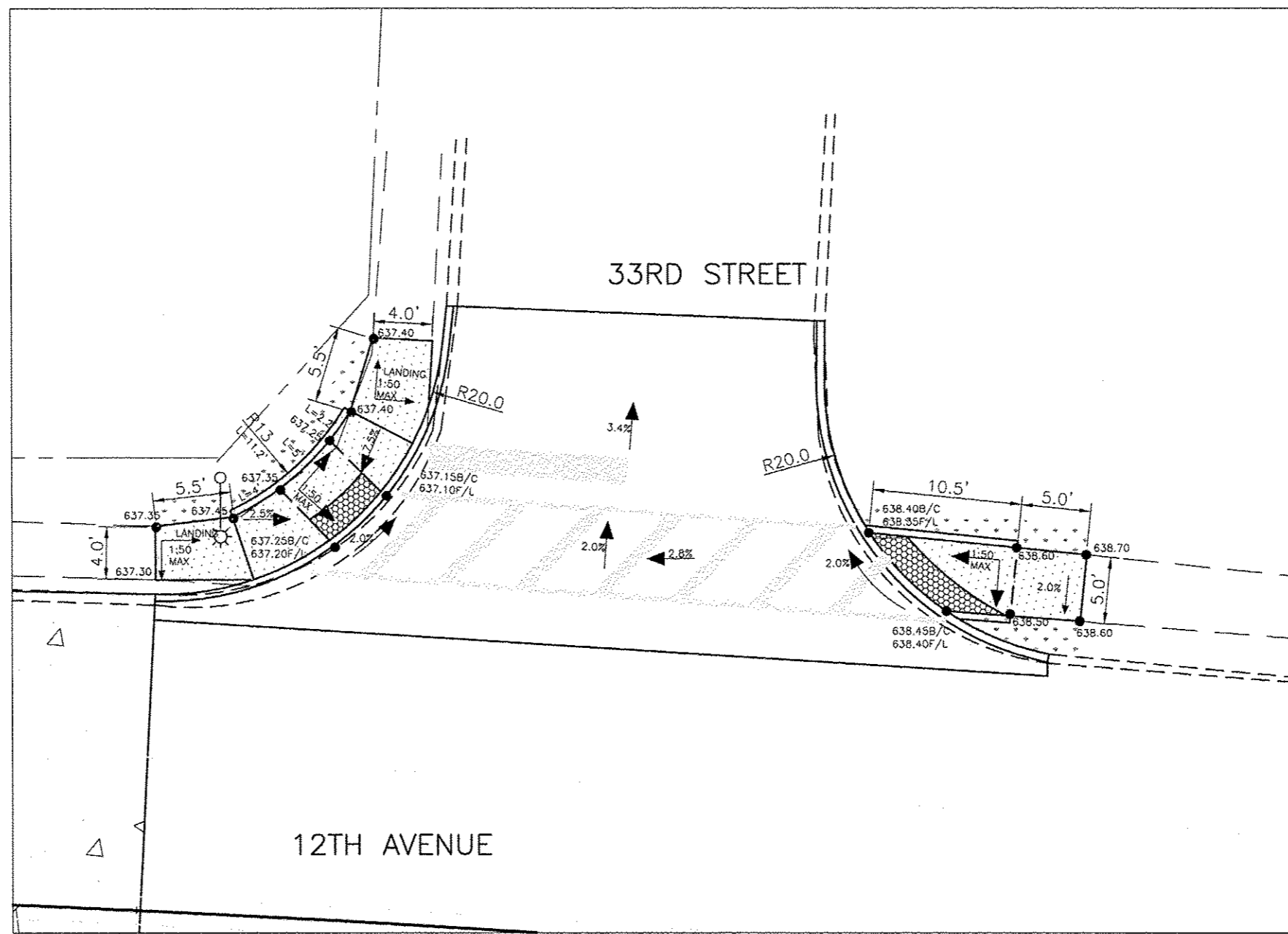



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**12TH AVENUE OVERLAY**  
 19TH STREET TO 34TH STREET  
 SIDEWALKS (31ST STREET)

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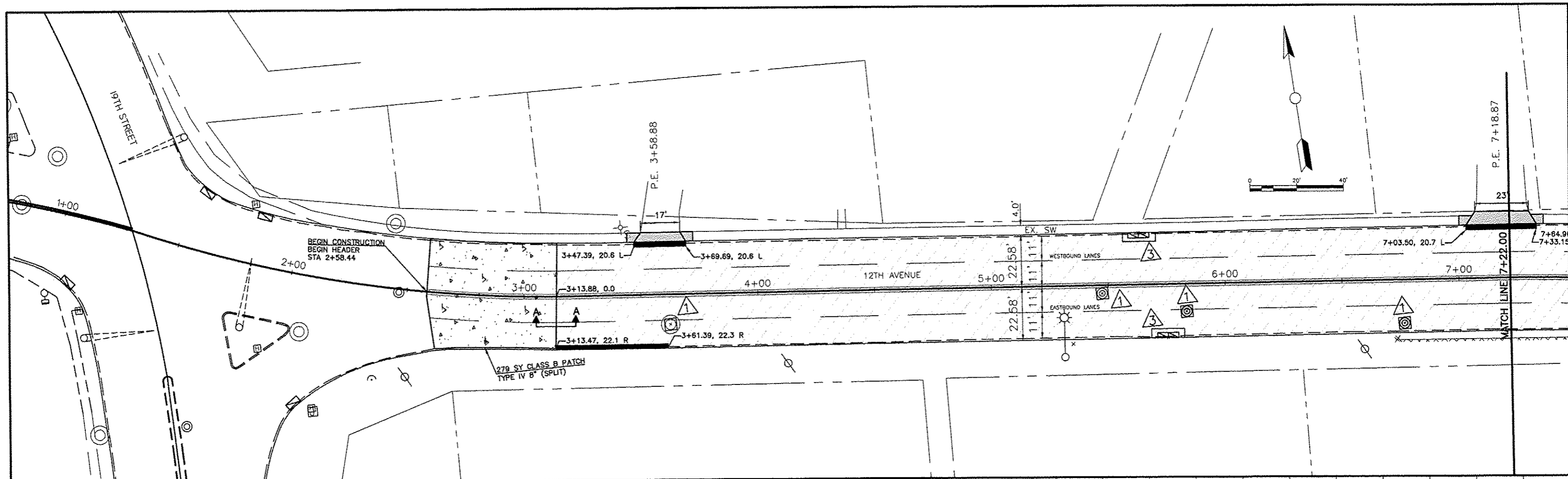


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12TH AVENUE OVERLAY  
 19TH STREET TO 34TH STREET  
 SIDEWALKS (33RD STREET)

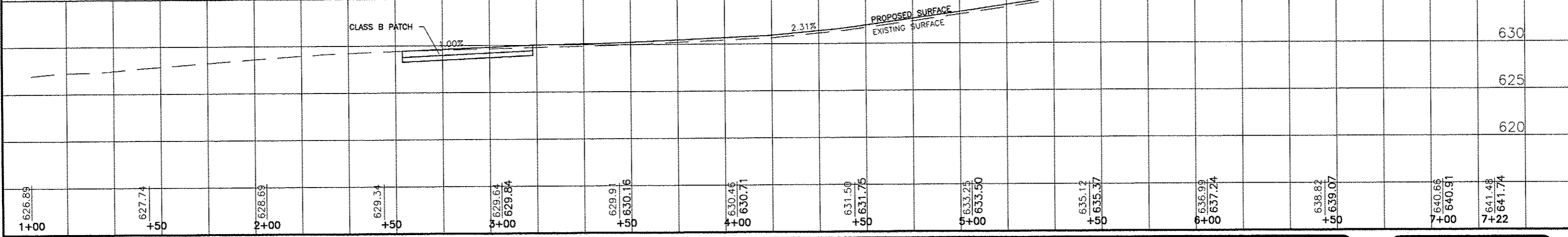
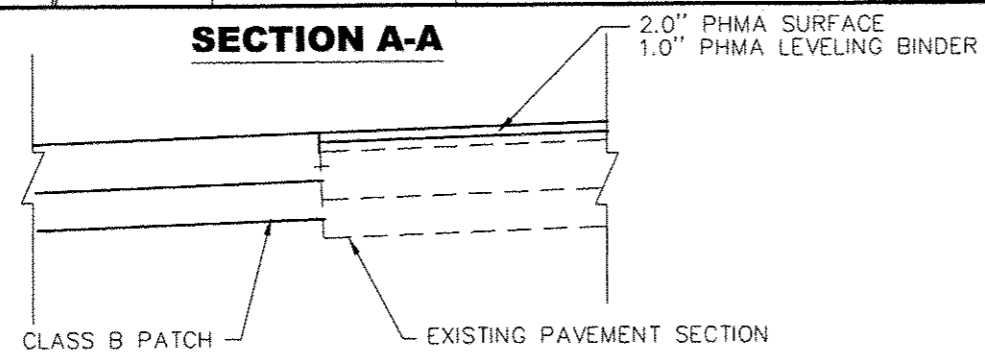
3-21-13	IDOT COMMENTS
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- ① - MANHOLES TO BE ADJUSTED
- ② - VALVE VAULTS TO BE ADJUSTED
- ③ - INLETS TO BE ADJUSTED
- ④ - STRUCTURES TO BE ADJUSTED
- ⑤ - GAS VALVE TO BE ADJUSTED (BY OTHERS)

**SECTION A-A**



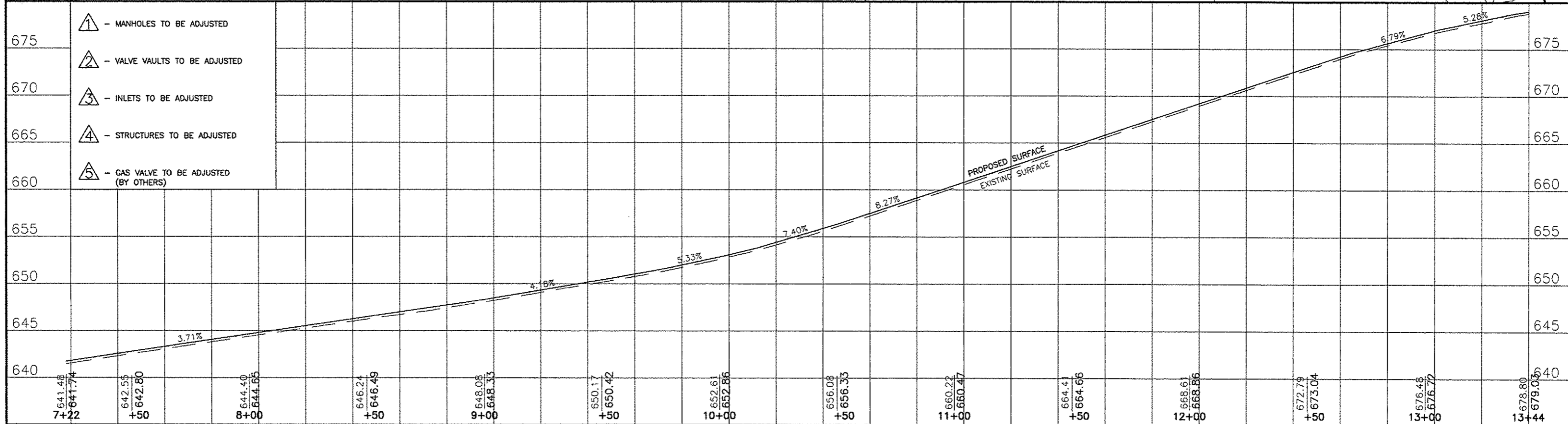
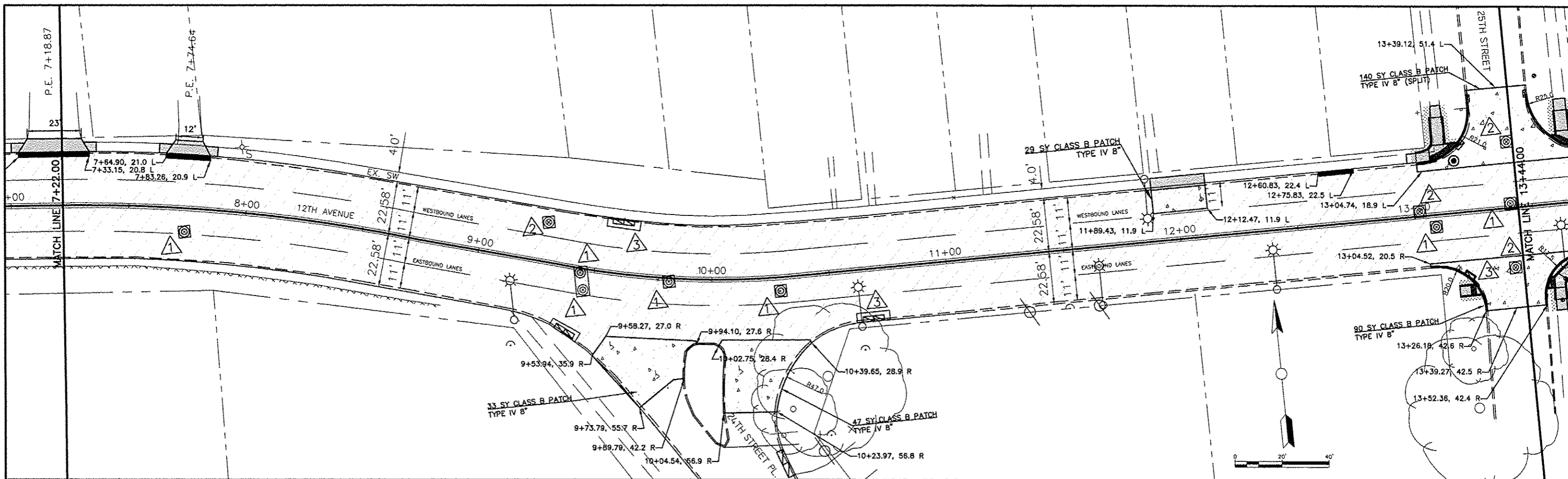

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**12TH AVENUE OVERLAY**  
 19TH STREET TO 34TH STREET  
 PLAN & PROFILE

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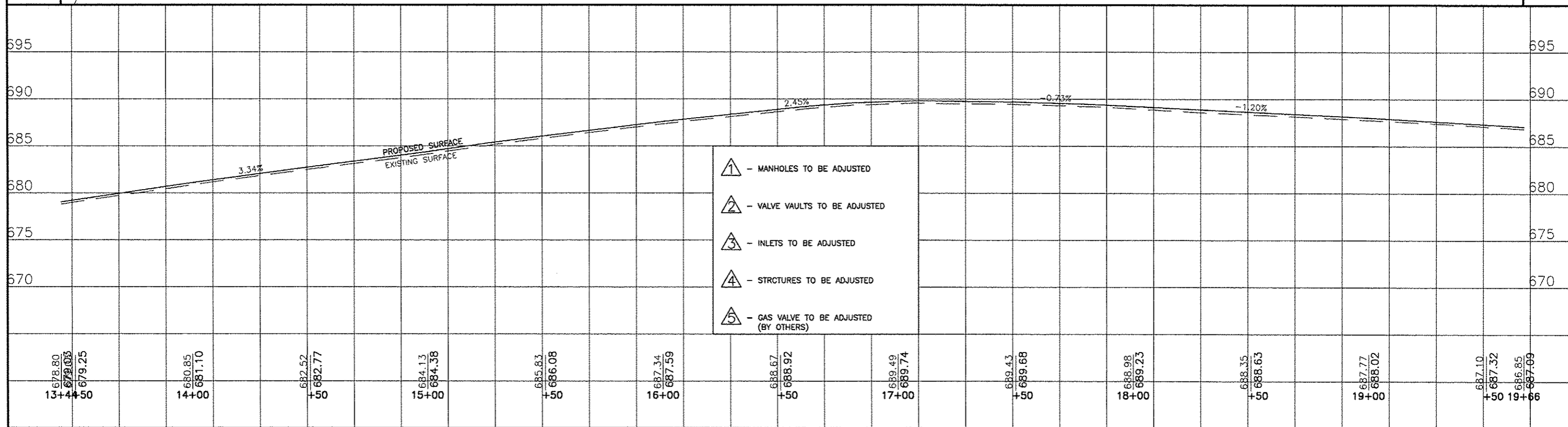
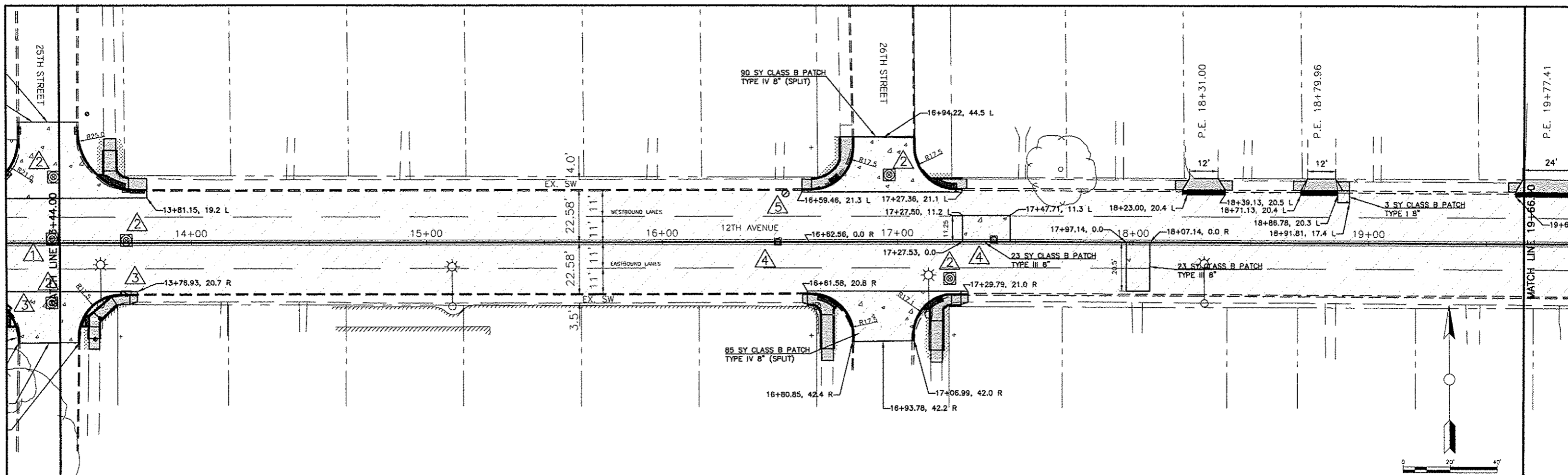




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12TH AVENUE OVERLAY  
 19TH STREET TO 34TH STREET  
 PLAN & PROFILE

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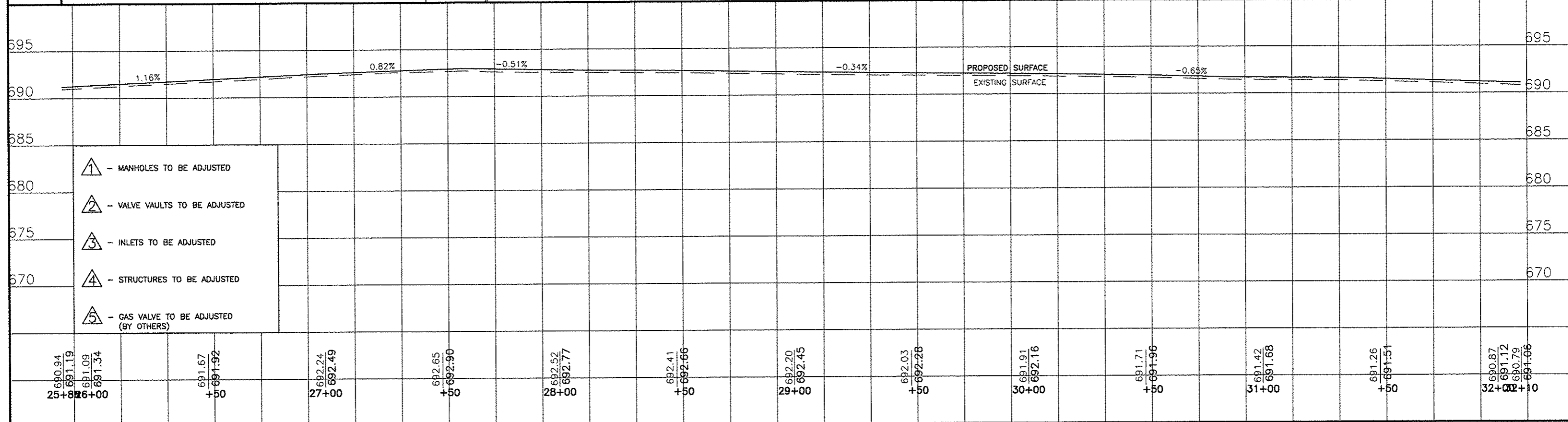
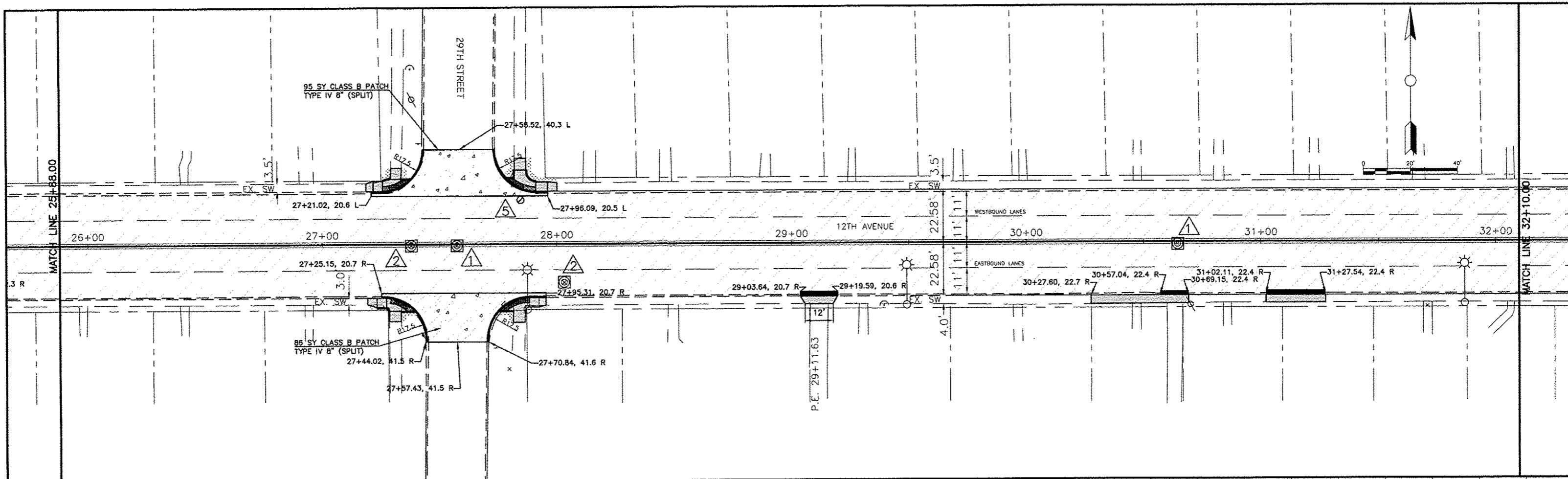
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 PLAN & PROFILE

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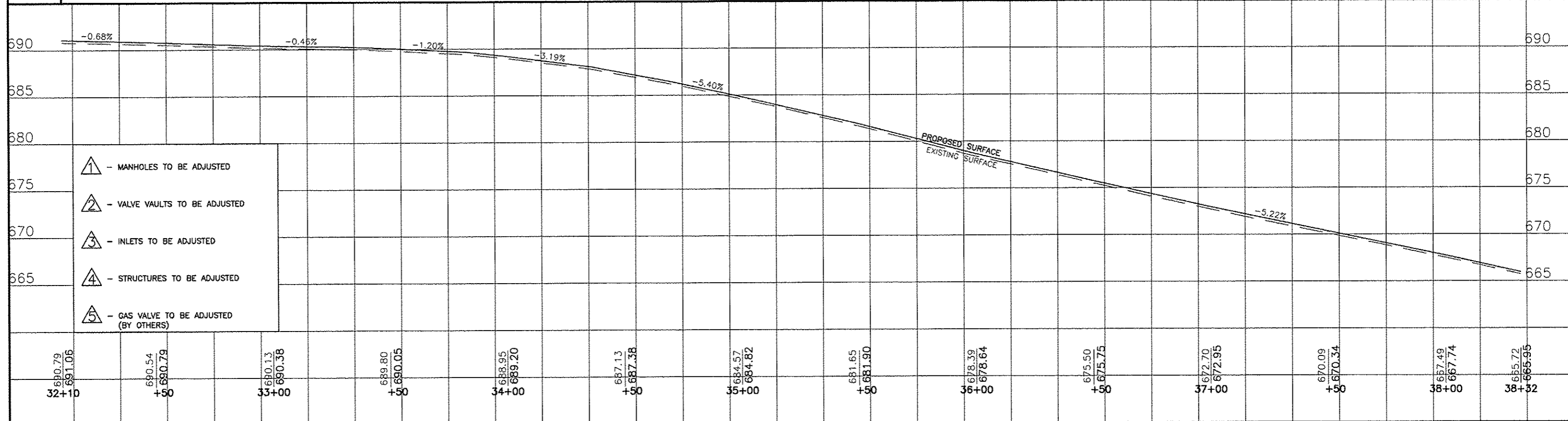
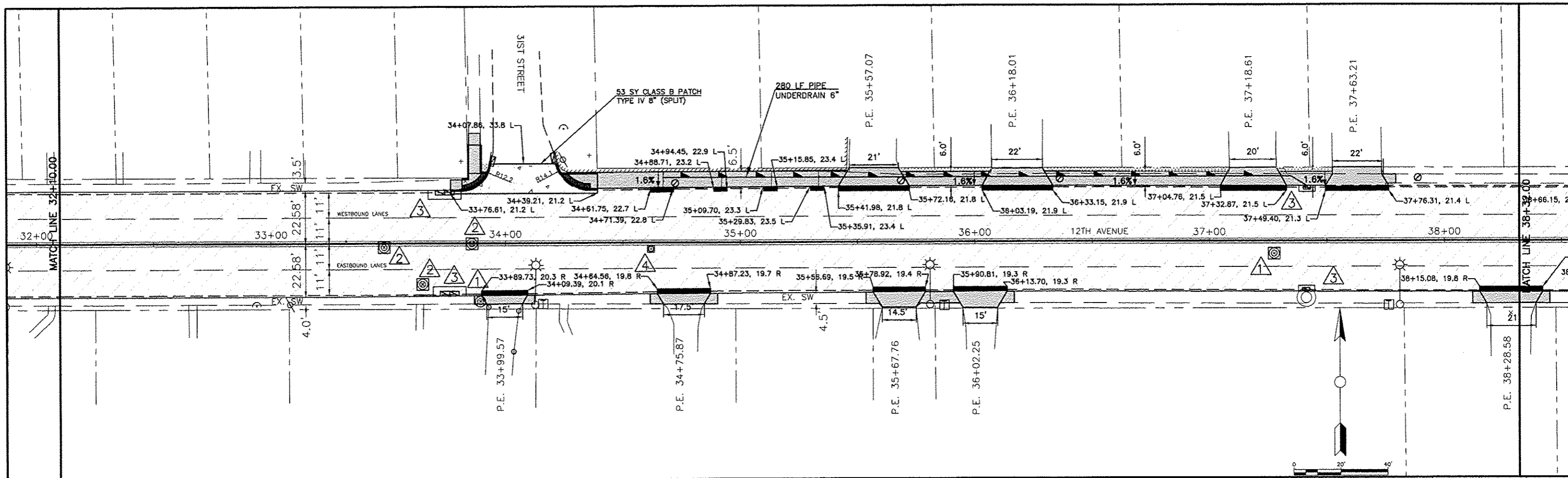


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12TH AVENUE OVERLAY  
 19TH STREET TO 34TH STREET  
 PLAN & PROFILE

Date	Revision
3-21-13	IDOT COMMENTS

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Design Engineer	JWC	Project	MFT 254

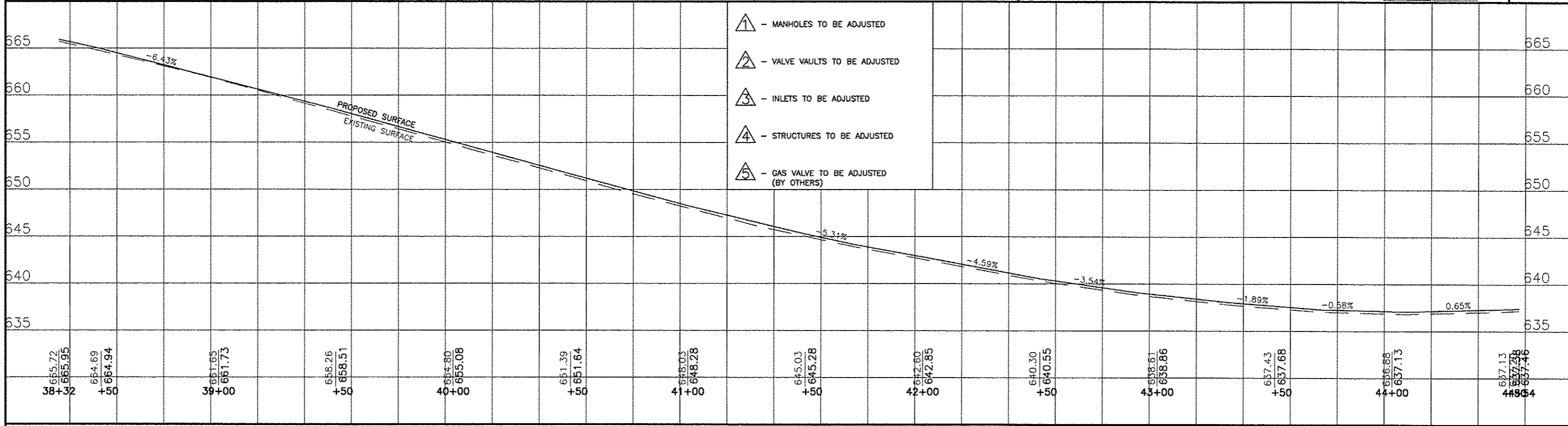
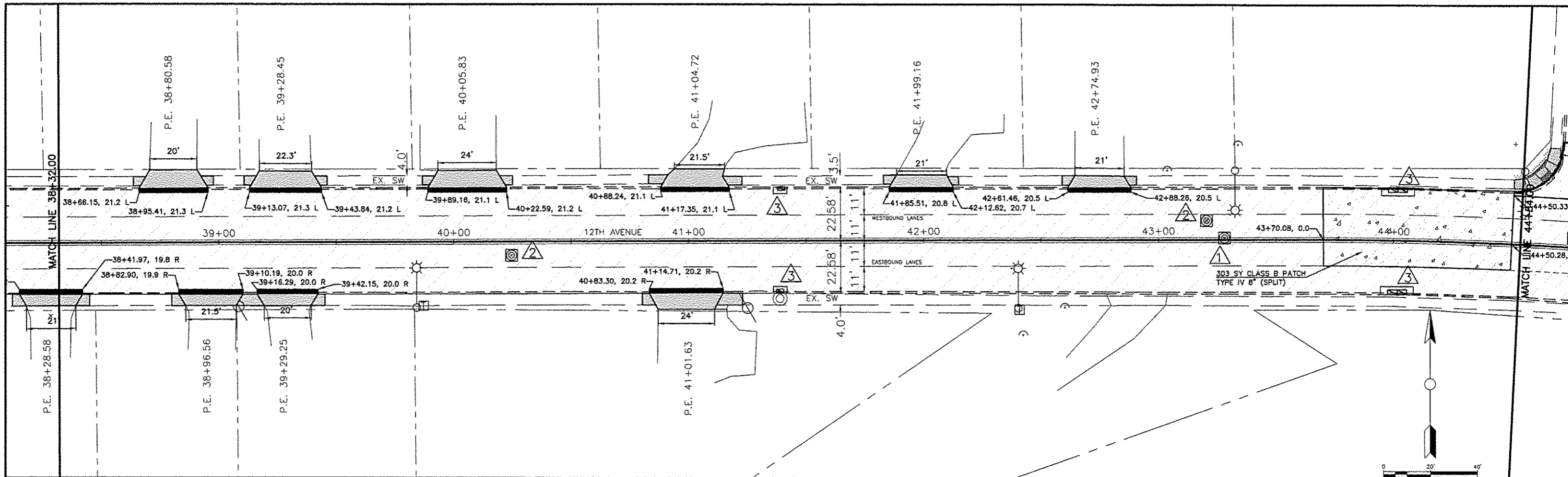


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12TH AVENUE OVERLAY  
 19TH STREET TO 34TH STREET  
 PLAN & PROFILE

Date	Revision
3-21-13	IDOT COMMENTS

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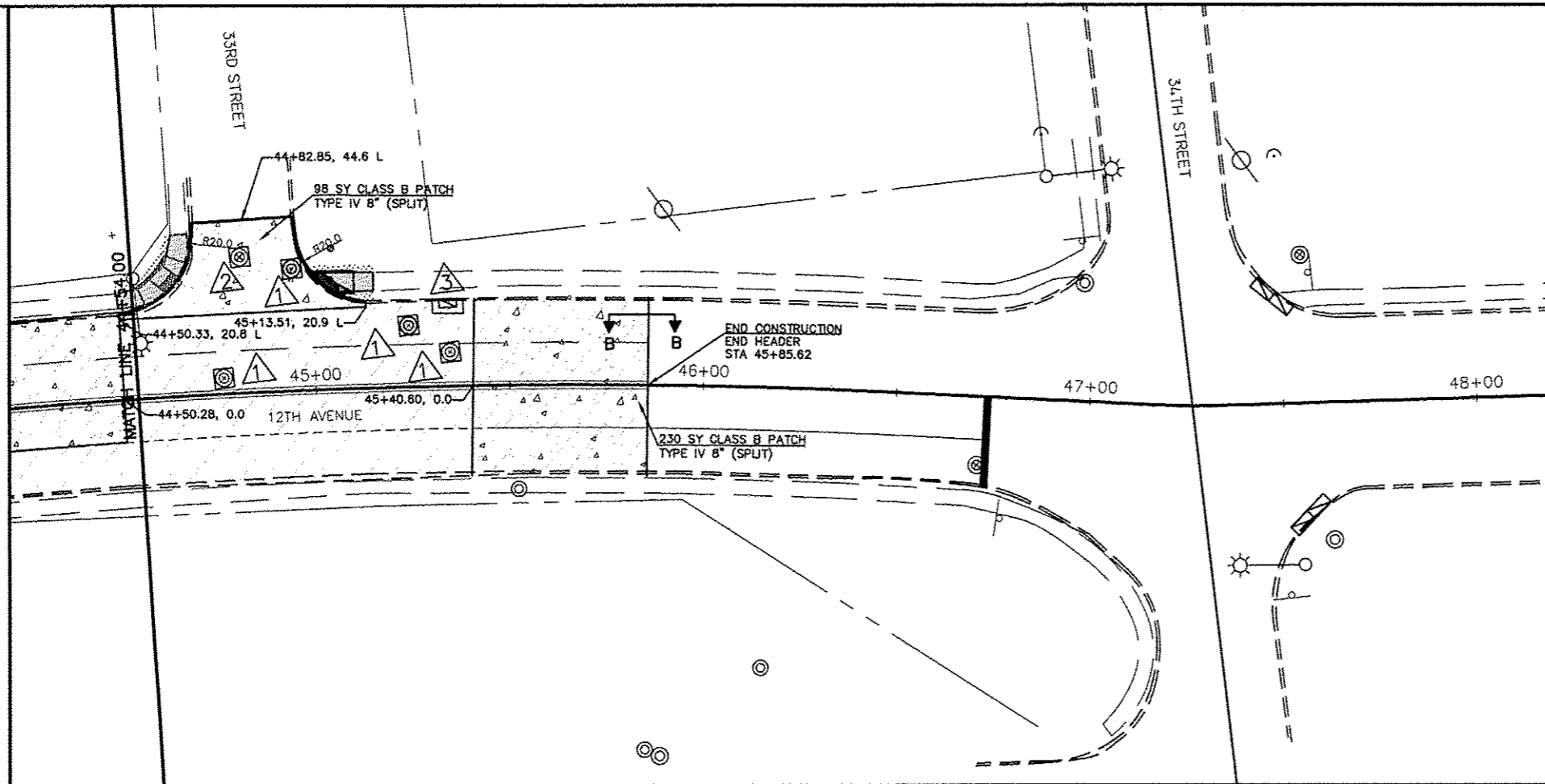
- ① - MANHOLES TO BE ADJUSTED
- ② - VALVE VAULTS TO BE ADJUSTED
- ③ - INLETS TO BE ADJUSTED
- ④ - STRUCTURES TO BE ADJUSTED
- ⑤ - GAS VALVE TO BE ADJUSTED (BY OTHERS)


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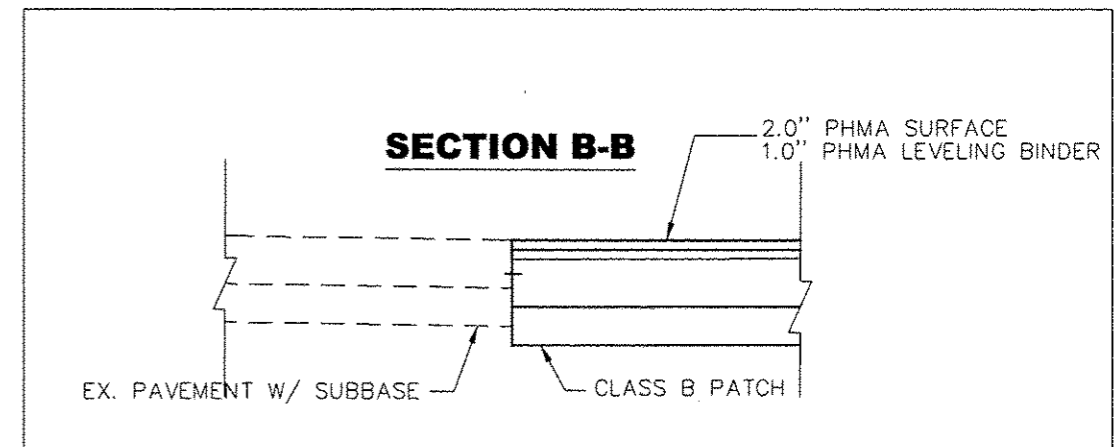
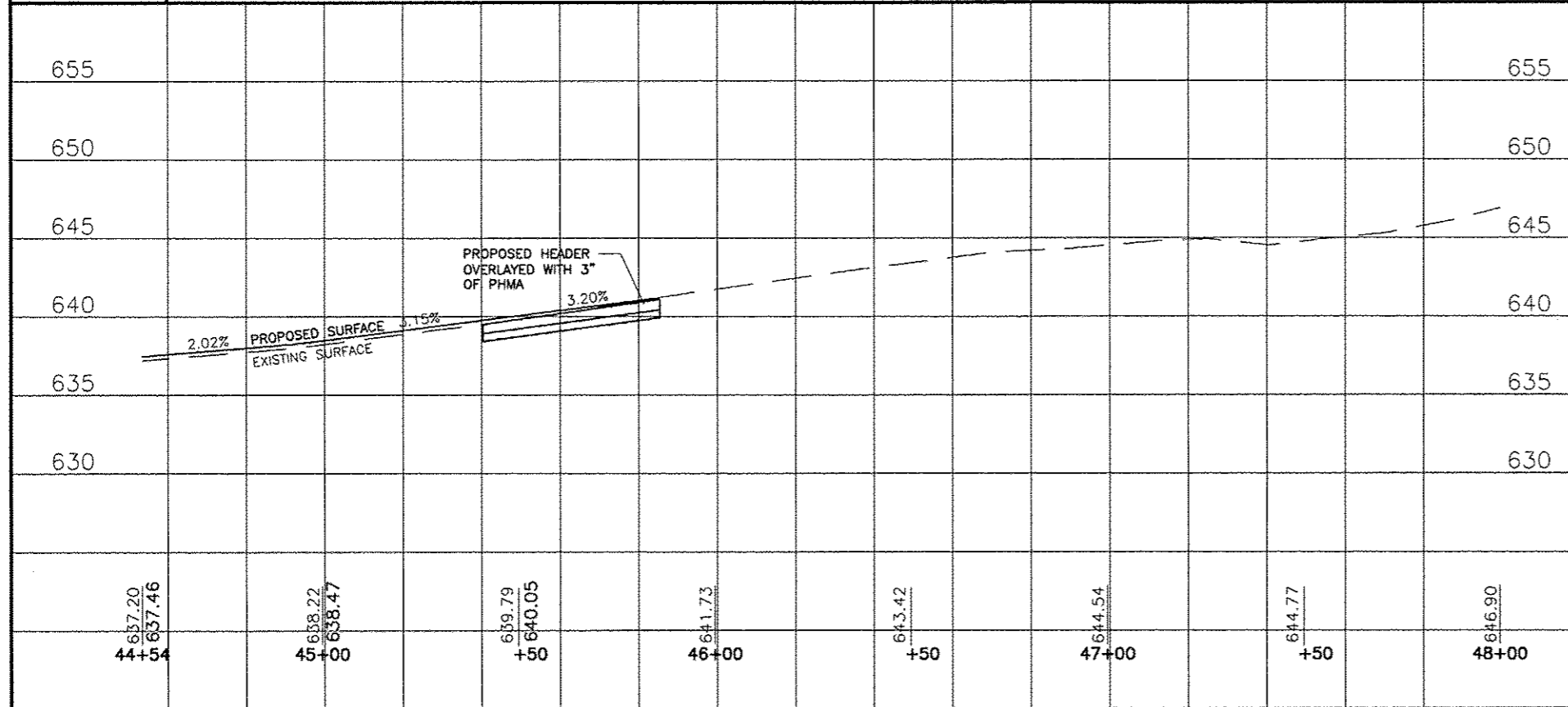
**12TH AVENUE OVERLAY**  
 19TH STREET TO 34TH STREET  
 PLAN & PROFILE

Date	Revision
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Date	2-20-12	Sheet	22
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Design Engineer	JWC	Project	MFT 254



- ▲ - MANHOLES TO BE ADJUSTED
- ▲ - VALVE VAULTS TO BE ADJUSTED
- ▲ - INLETS TO BE ADJUSTED
- ▲ - STRUCTURES TO BE ADJUSTED
- ▲ - GAS VALVE TO BE ADJUSTED (BY OTHERS)

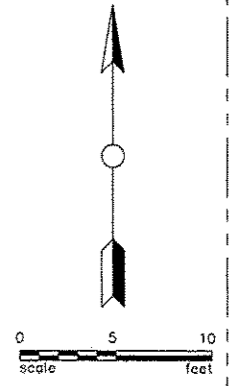


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12TH AVENUE OVERLAY  
 19TH STREET TO 34TH STREET  
 PLAN & PROFILE

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16 FT PAINT PVM MK  
LINE, 24" WHITE

6' (TYP.)

100 FT PAINT PVM MK  
LINE, 6" WHITE (TYP)

THPL PVM MK LINE,  
4" WHITE (TYP)

60 FT PAINT PVM MK  
LINE, 12" WHITE (TYP)

12TH AVENUE

13+00

14+00

11'

11'

11'

11'

THPL PVM MK LINE,  
4" YELLOW (TYP)

60 LF THPL PVM MK  
LINE, 6" WHITE (TYP)

THPL PVM MK LINE,  
4" WHITE (TYP)

38 LF THPL PVM MK  
LINE, 12" WHITE (TYP)

6' (TYP.)

13 LF THPL PVM MK  
LINE, 24" WHITE

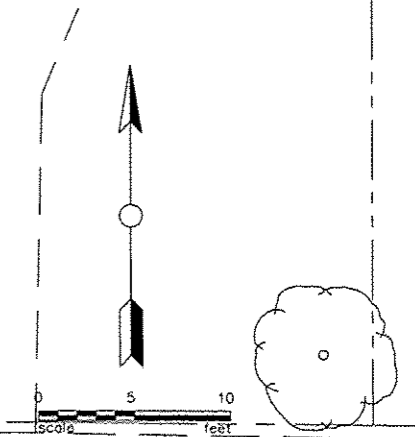
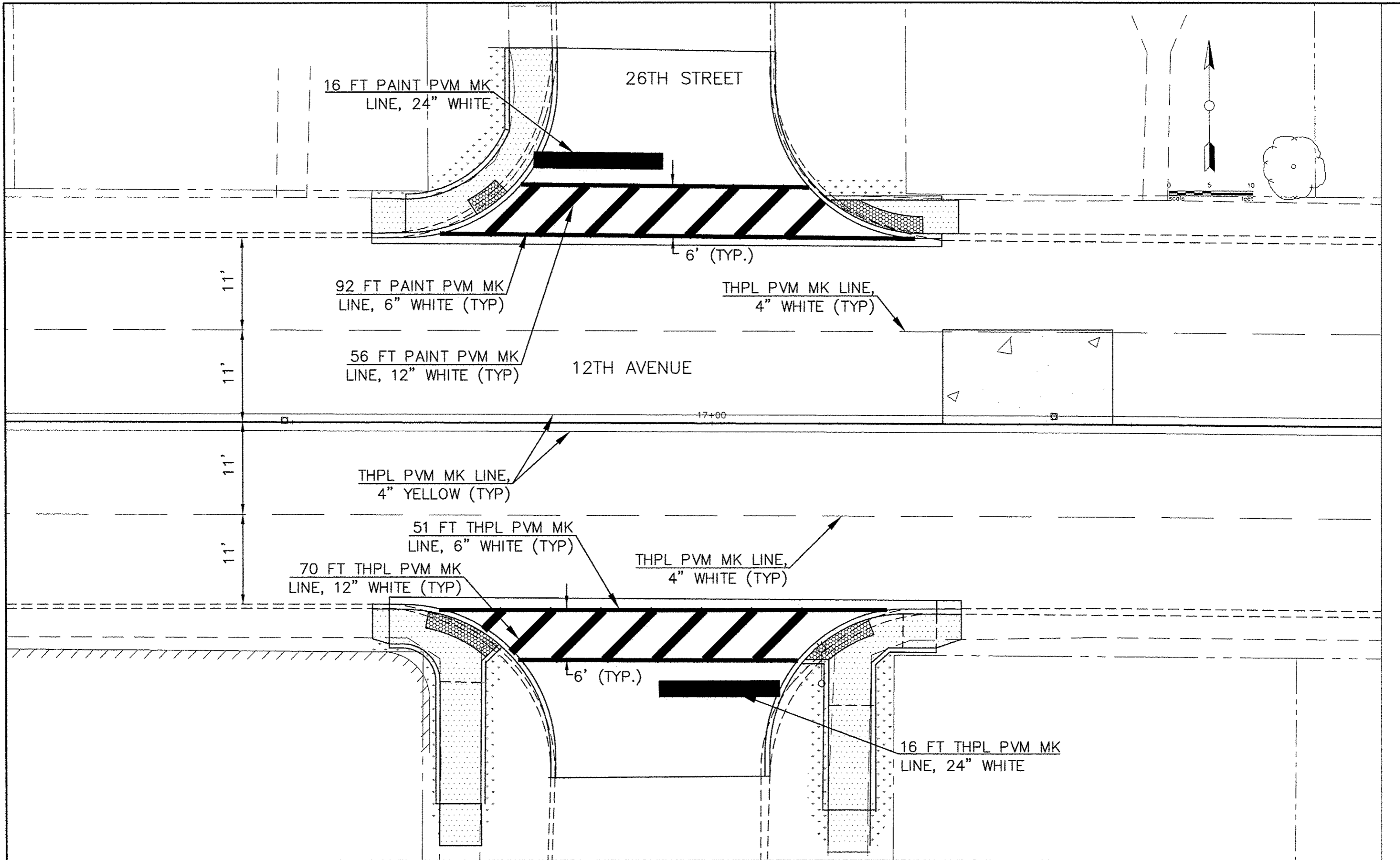


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12TH AVENUE OVERLAY  
19TH STREET TO 34TH STREET  
STRIPING (25TH STREET)

Date	2-20-12	Sheet	24
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Design Engineer	JWC	Project	MFT 254
Date	3-21-13	IDOT COMMENTS	
		Revision	





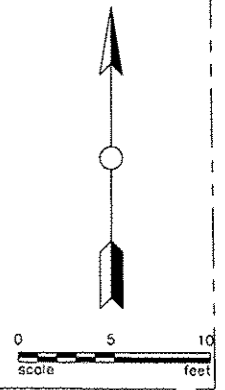
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12TH AVENUE OVERLAY  
 19TH STREET TO 34TH STREET  
 STRIPING (26TH STREET)

Date	2-20-12	Sheet	25
Scale	1:5	of	40
3-21-13	DOT COMMENTS		
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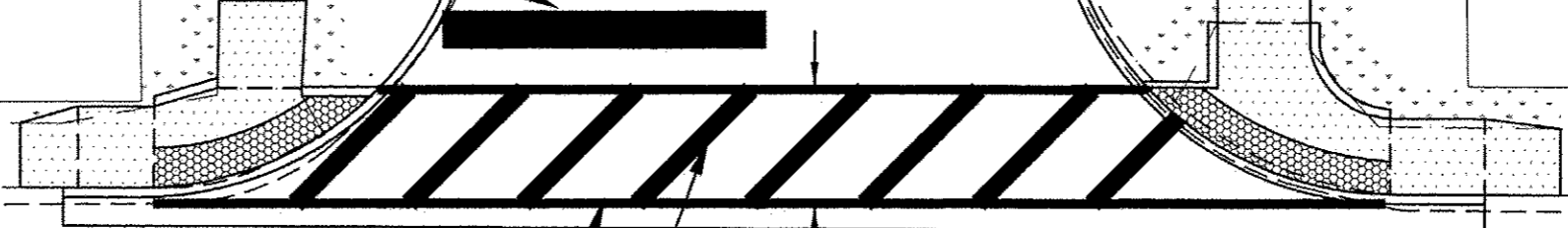
Date	2-20-12	Sheet	25
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Design Engineer	JWC	Project	MFT 254





16 FT PAINT PVM MK  
LINE, 24" WHITE

29TH STREET



105 FT PAINT PVM MK  
LINE, 6" WHITE (TYP)

THPL PVM MK LINE,  
4" WHITE (TYP)

66 FT PAINT PVM MK  
LINE, 12" WHITE (TYP)

12TH AVENUE

27+00

28+00

11'  
11'  
11'

THPL PVM MK LINE,  
4" YELLOW (TYP)

95 FT THPL PVM MK  
LINE, 6" WHITE (TYP)  
60 FT THPL PVM MK  
LINE, 12" WHITE (TYP)

THPL PVM MK LINE,  
4" WHITE (TYP)

6' (TYP.)



16 FT THPL PVM MK  
LINE, 24" WHITE

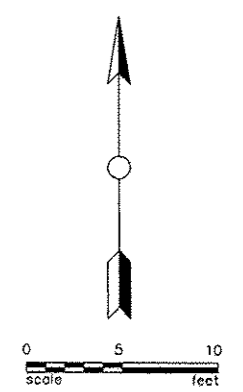


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12TH AVENUE OVERLAY  
19TH STREET TO 34TH STREET  
STRIPING (29TH STREET)

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13 FT PAINT PVM MK  
LINE, 24" WHITE

31ST STREET

74 FT PAINT PVM MK  
LINE, 6" WHITE (TYP)

6' (TYP.)

49 FT PAINT PVM MK  
LINE, 12" WHITE (TYP)

THPL PVM MK LINE,  
4" WHITE (TYP)

12TH AVENUE

34+00

THPL PVM MK LINE,  
4" YELLOW (TYP)

THPL PVM MK LINE,  
4" WHITE (TYP)

11'  
11'  
11'  
11'

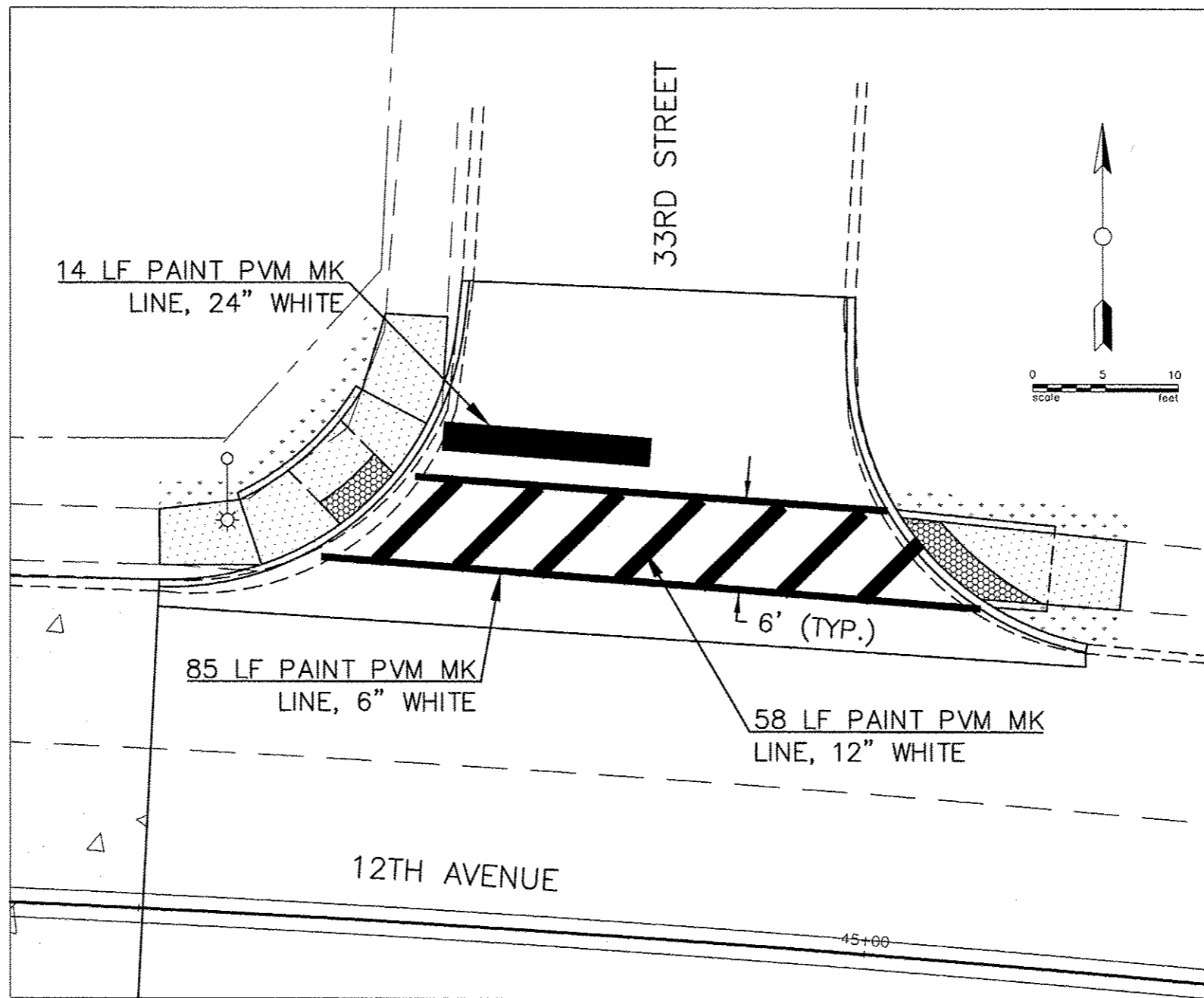


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12TH AVENUE OVERLAY  
19TH STREET TO 34TH STREET  
STRIPING (31ST STREET)

Date	Revision
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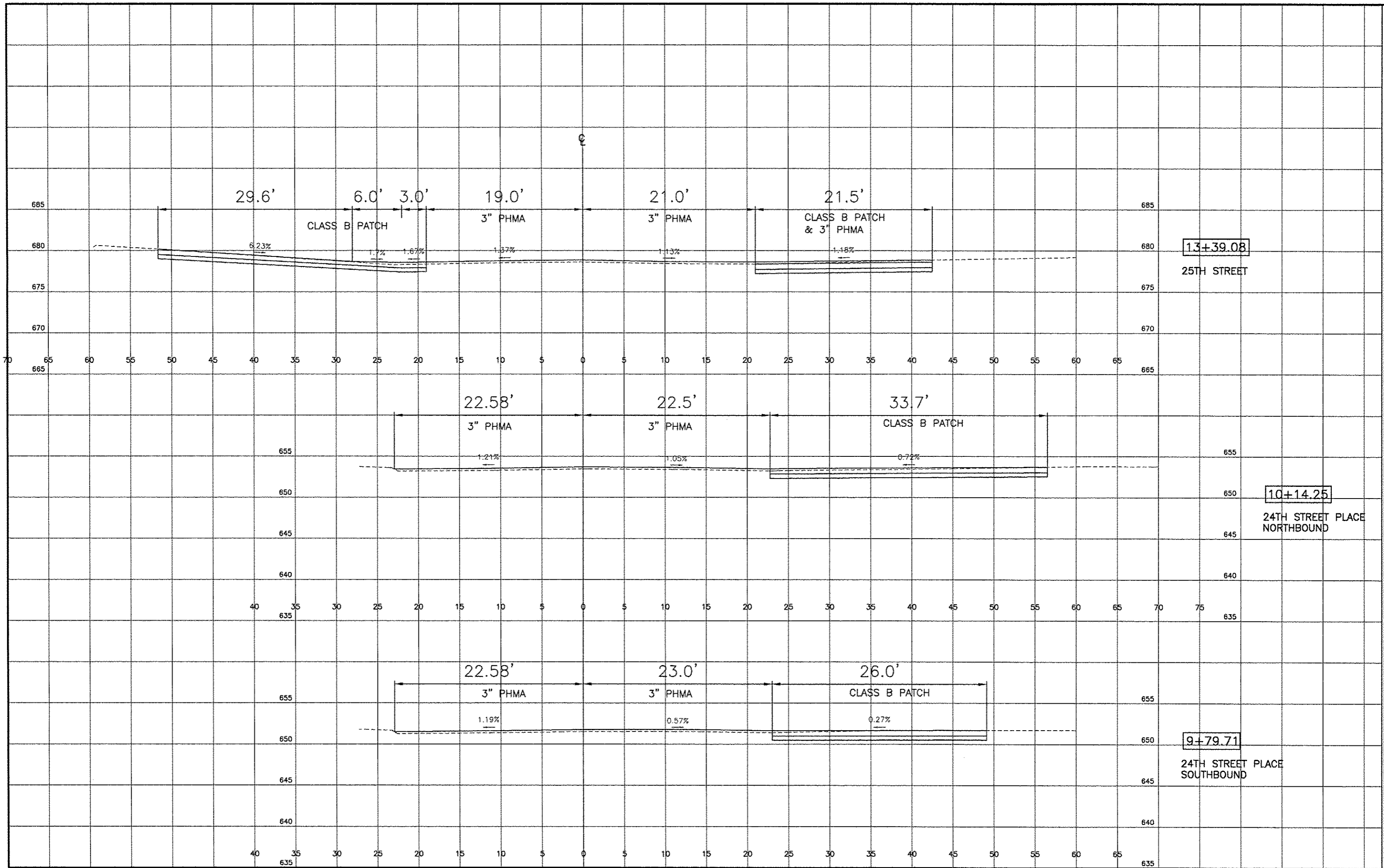
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CITY ENGINEER - SCOTT HINTON, P.E.

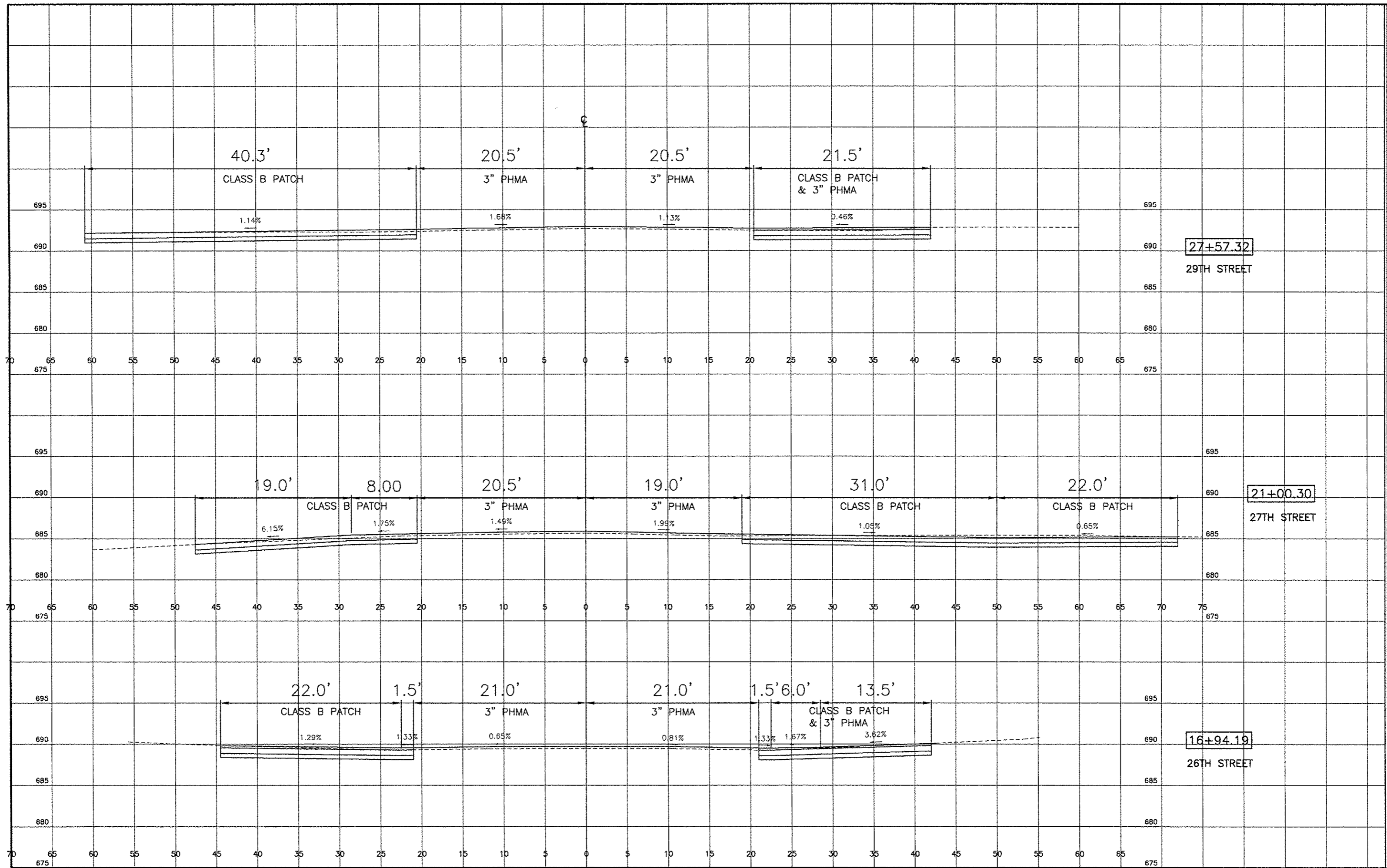
12TH AVENUE OVERLAY  
19TH STREET TO 34TH STREET  
STRIPING (33RD STREET)

3-21-13	IDOT COMMENTS
Date	Revision

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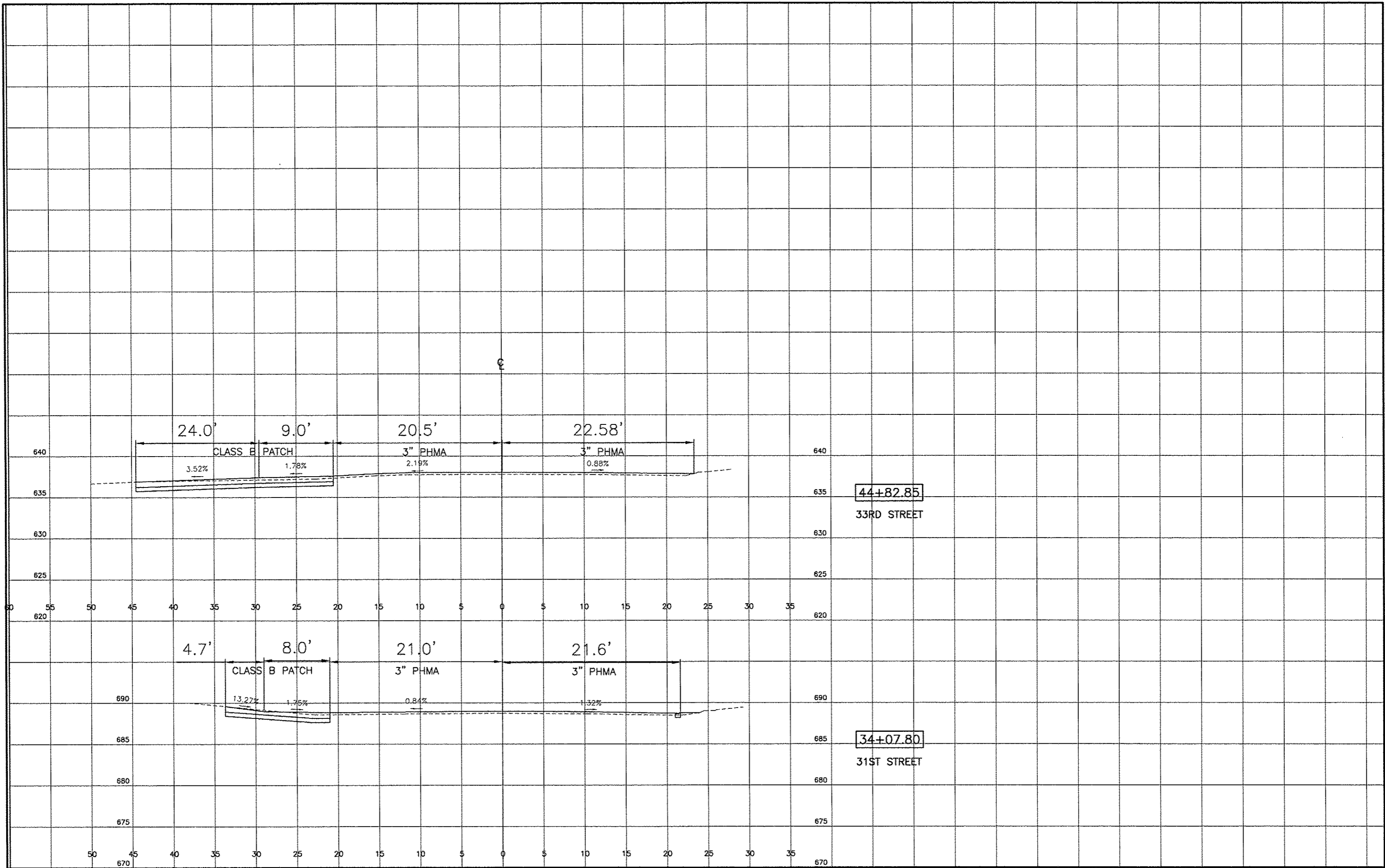


27+57.32  
29TH STREET

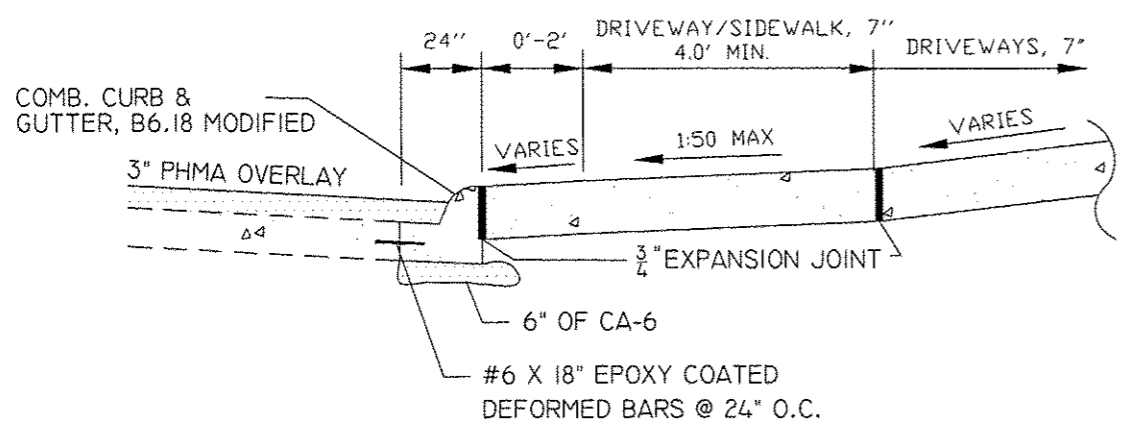
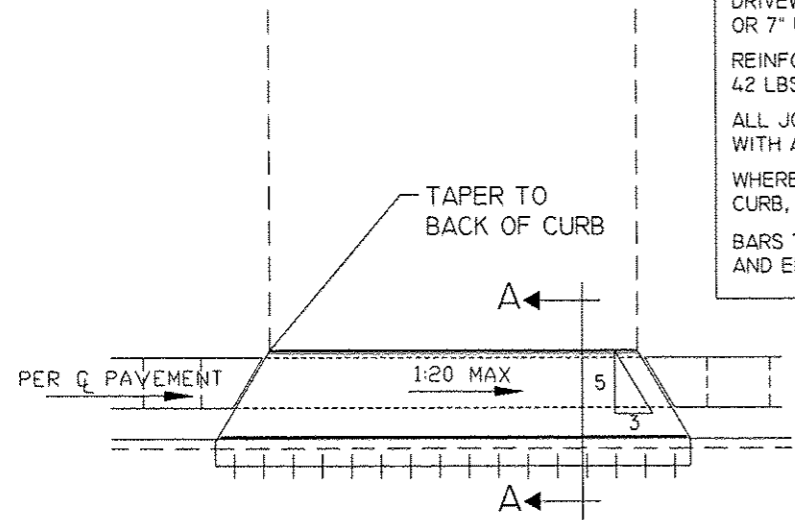
21+00.30  
27TH STREET

16+94.19  
26TH STREET



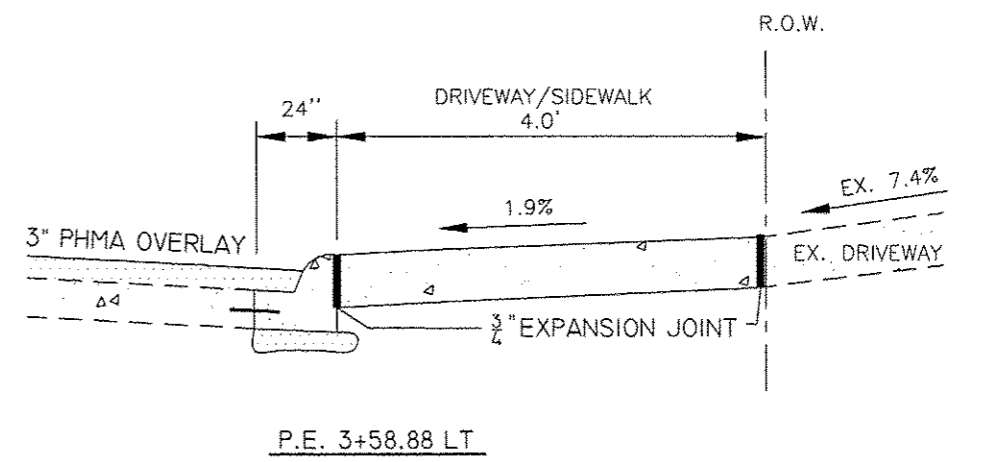


**NOTE:**  
 CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE OF ILL. STANDARD SPECIFICATIONS  
 DRIVEWAY PAVEMENT SHALL BE 6" REINFORCED OR 7" UNREINFORCED CEMENT CONCRETE.  
 REINFORCING SHALL BE MESH WEIGHING 42 LBS. PER 100 SQUARE FEET.  
 ALL JOINTS AT BACK OF CURB SHALL BE SEALED WITH APPROVED POURED JOINT SEALER.  
 WHERE THE STREET PAVEMENT HAS 4" DRIVEOVER CURB, THE CURB MAY REMAIN INTACT.  
 BARS TO BE 18" LONG, DRILLED AND EPOXIED 9" INTO EXISTING PAVEMENT

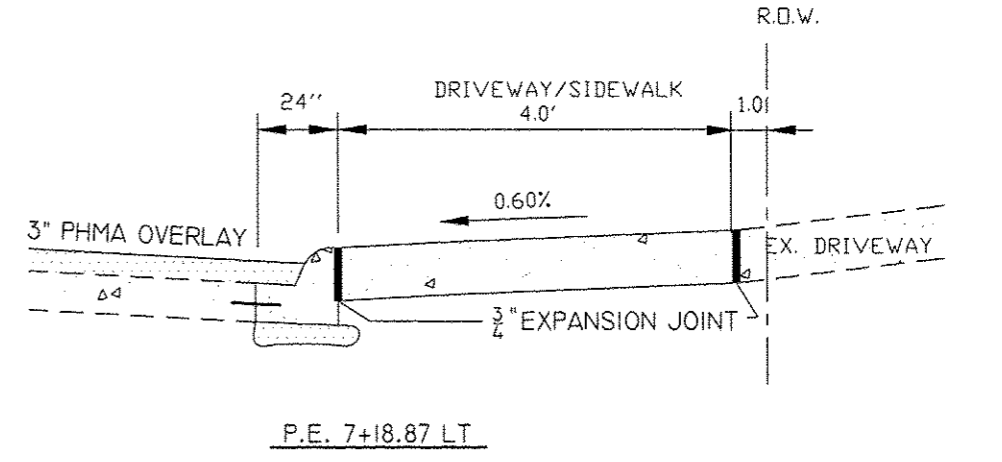


SECTION A - A

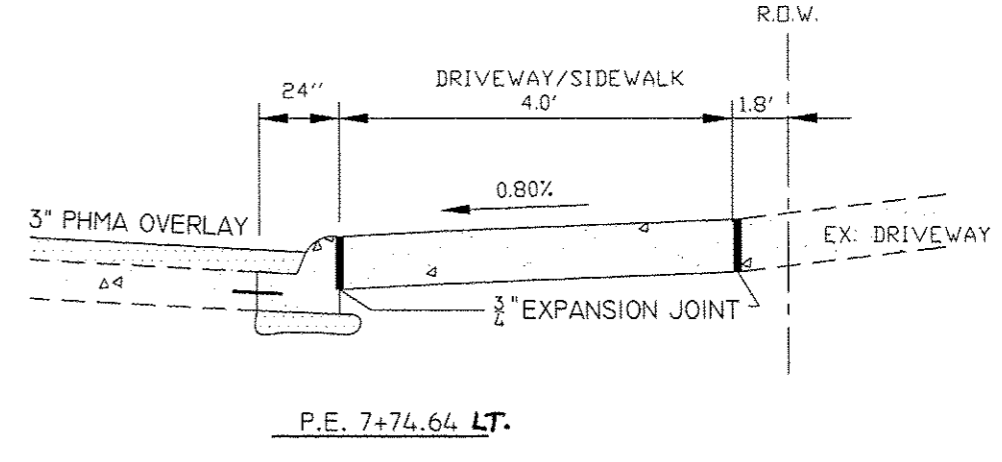
<b>DRIVEWAY DETAIL FOR OVERLAY PROJECTS</b>		
DATE	CITY OF MOLINE	
2/13	STANDARD	



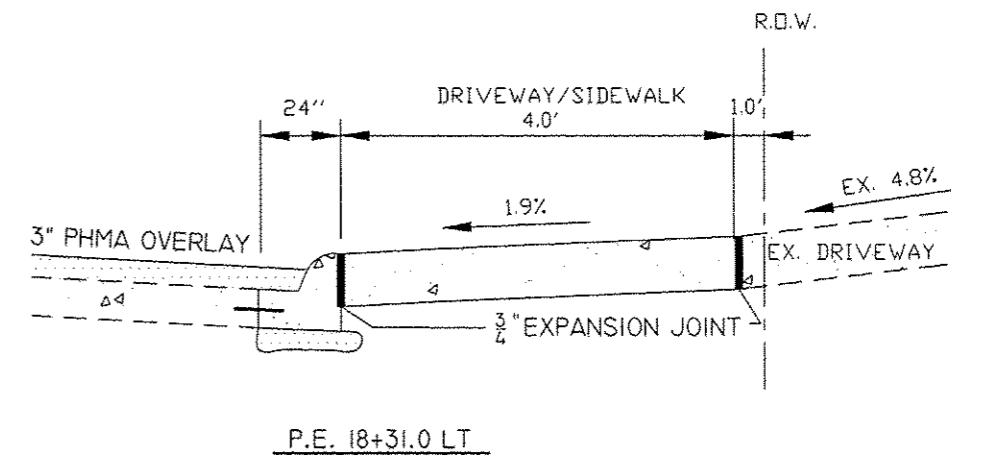
P.E. 3+58.88 LT



P.E. 7+18.87 LT



P.E. 7+74.64 LT



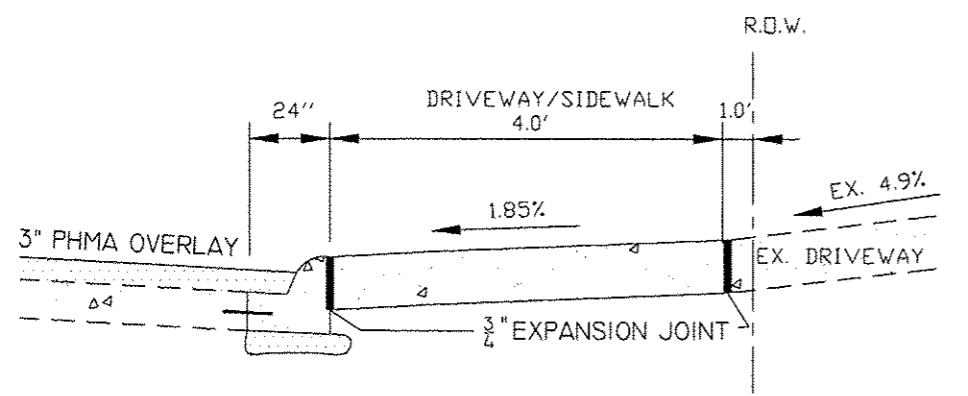
P.E. 18+31.0 LT

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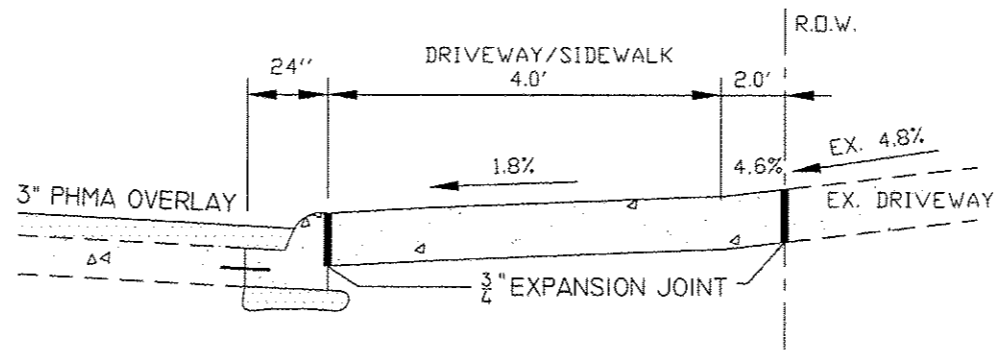
**12TH AVENUE OVERLAY**  
 19TH STREET TO 34TH STREET  
 DETAILS

3-21-13	100% COMMENTS
Date	Revision

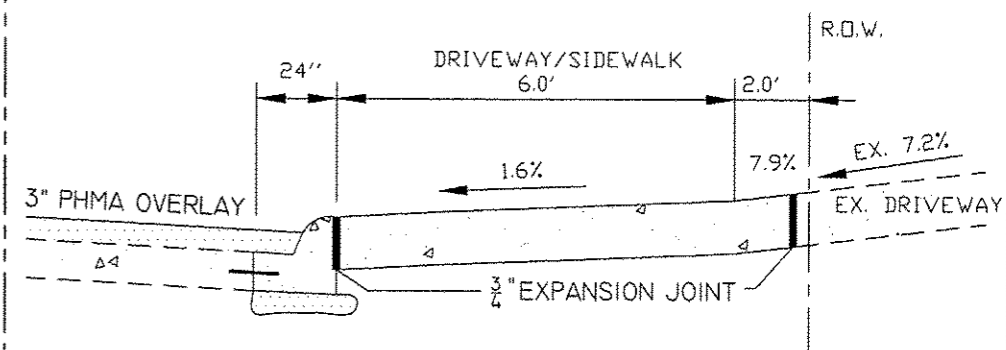
Date	2-20-12	Sheet	34
Scale	NTS	or	40
Design Engineer	JWC	Project	MFT 254



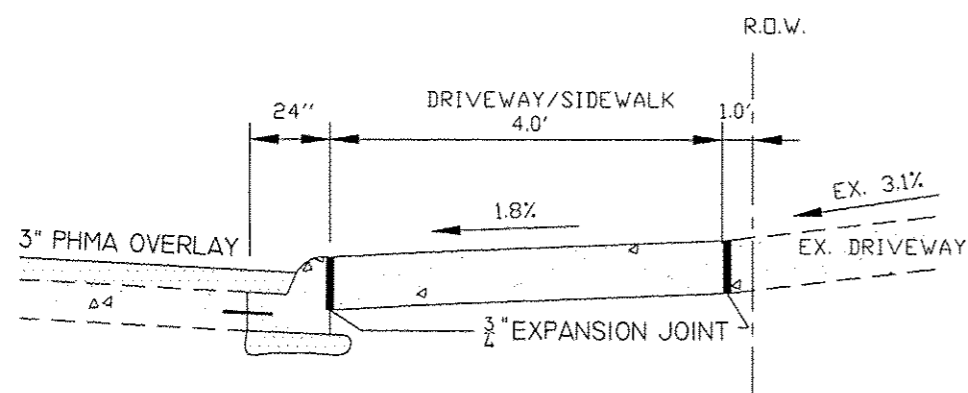
P.E. 18+79.96 LT



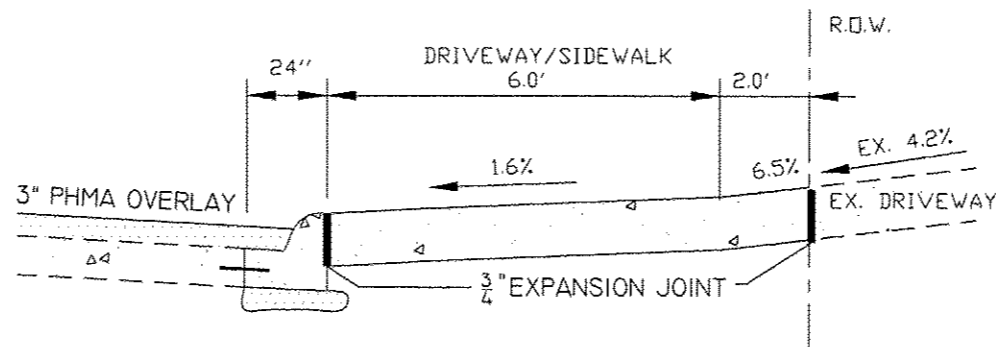
P.E. 34+75.87 RT



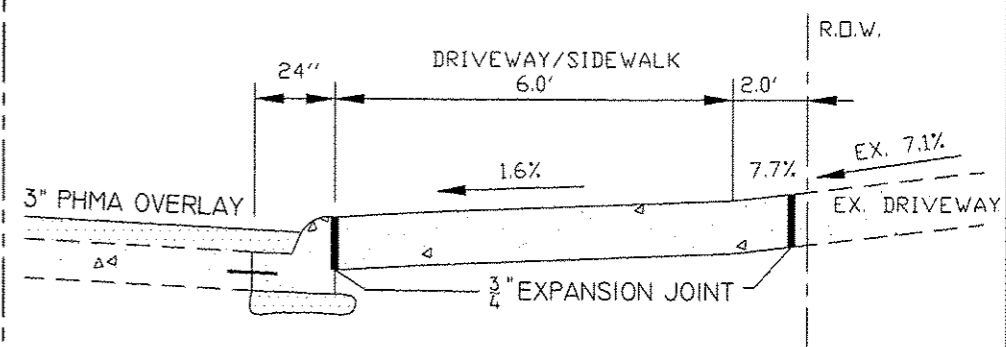
P.E. 36+18.01 LT



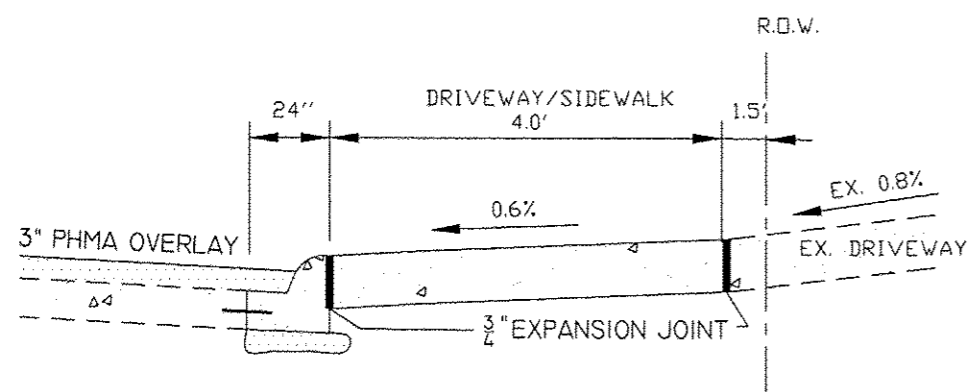
P.E. 19+77.41 LT



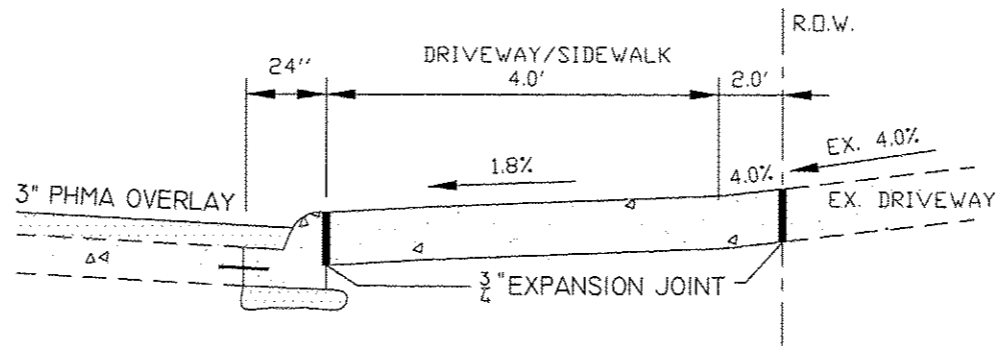
P.E. 35+57.07 LT



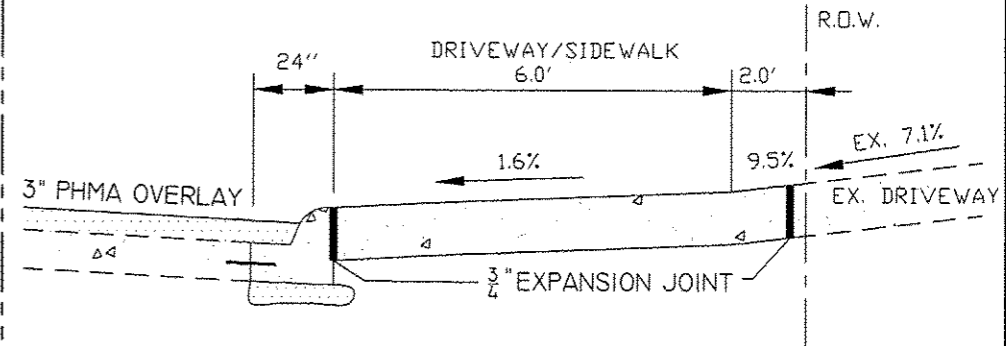
P.E. 37+18.61 LT



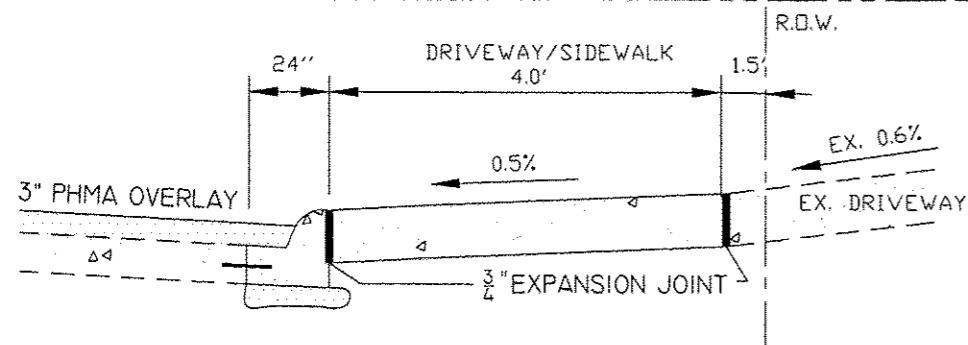
P.E. 29+11.63 RT



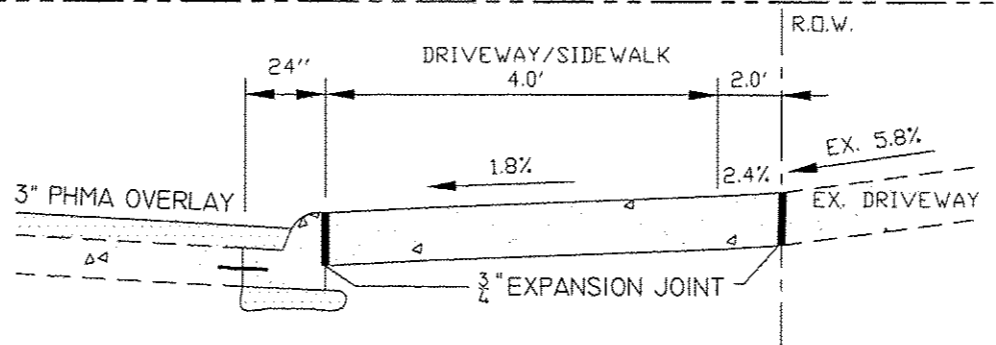
P.E. 35+67.76 RT



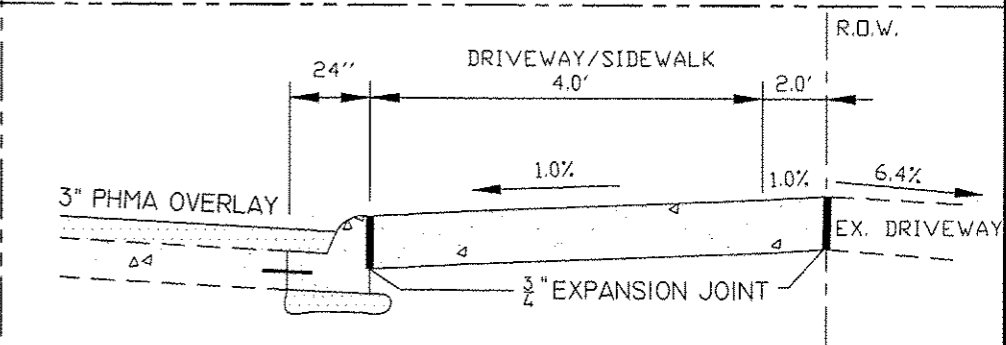
P.E. 37+63.21 LT



P.E. 33+99.57 RT



P.E. 36+02.25 RT



P.E. 38+28.58 RT

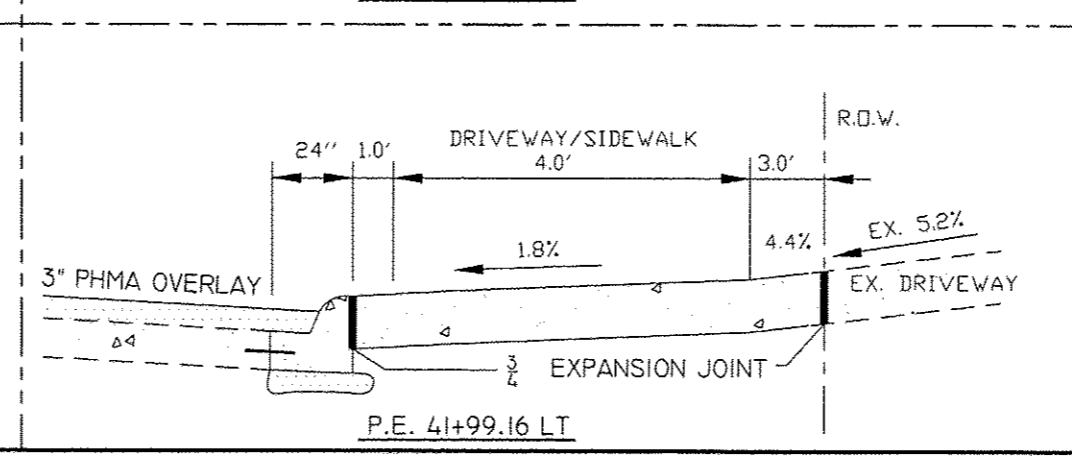
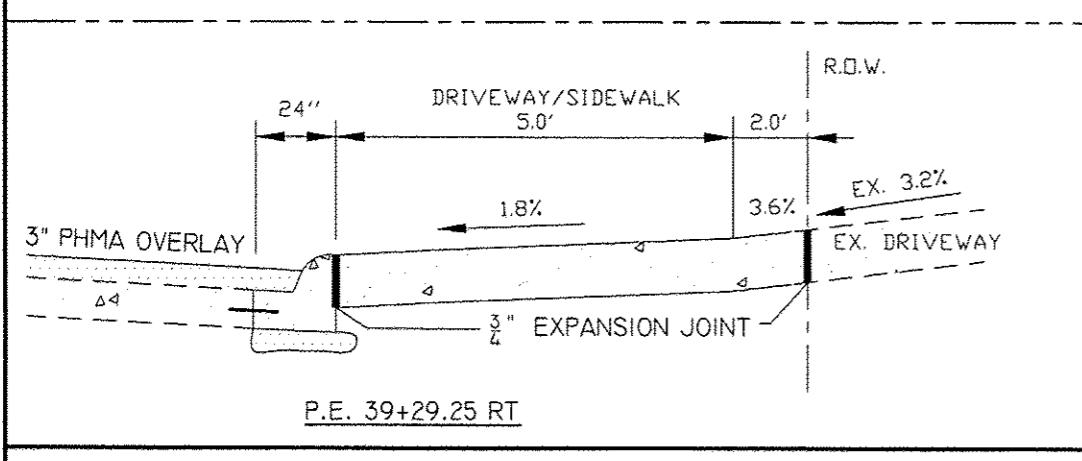
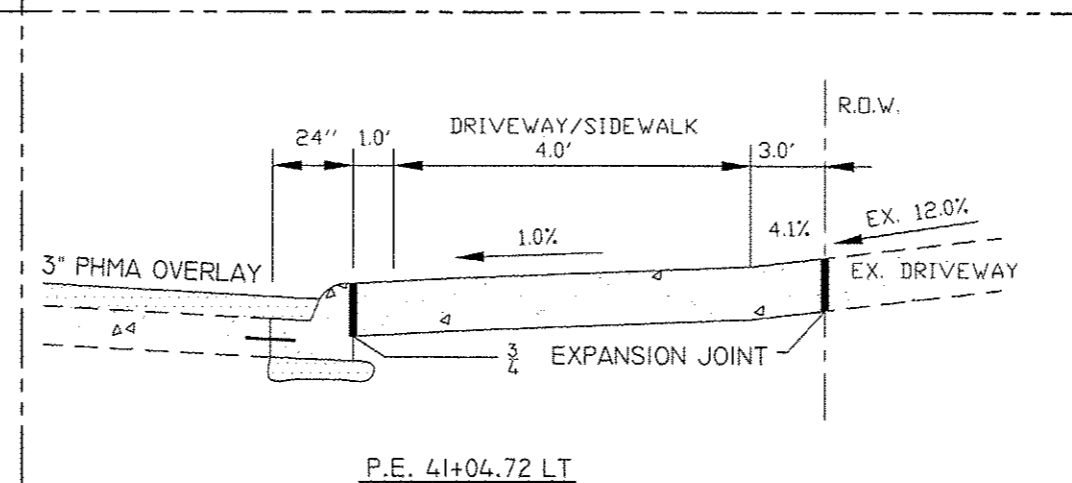
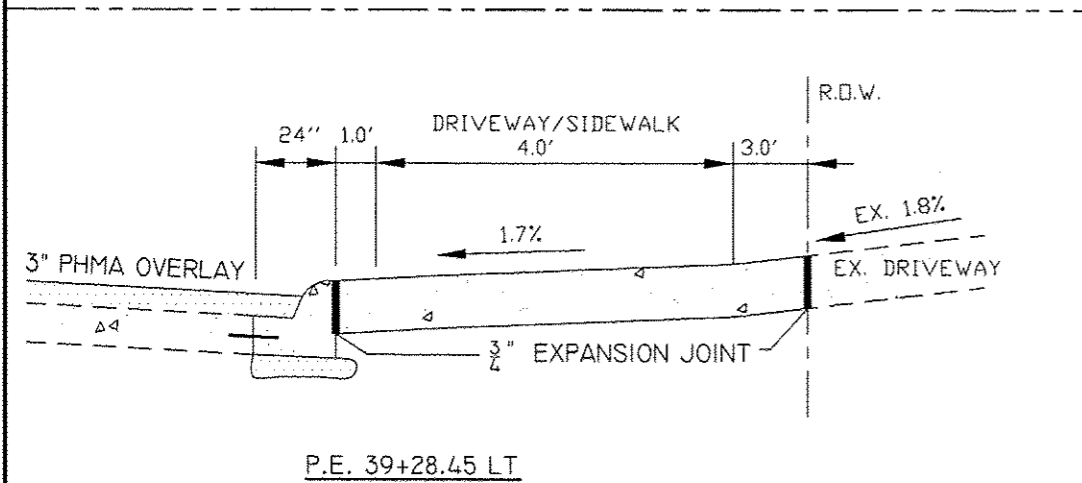
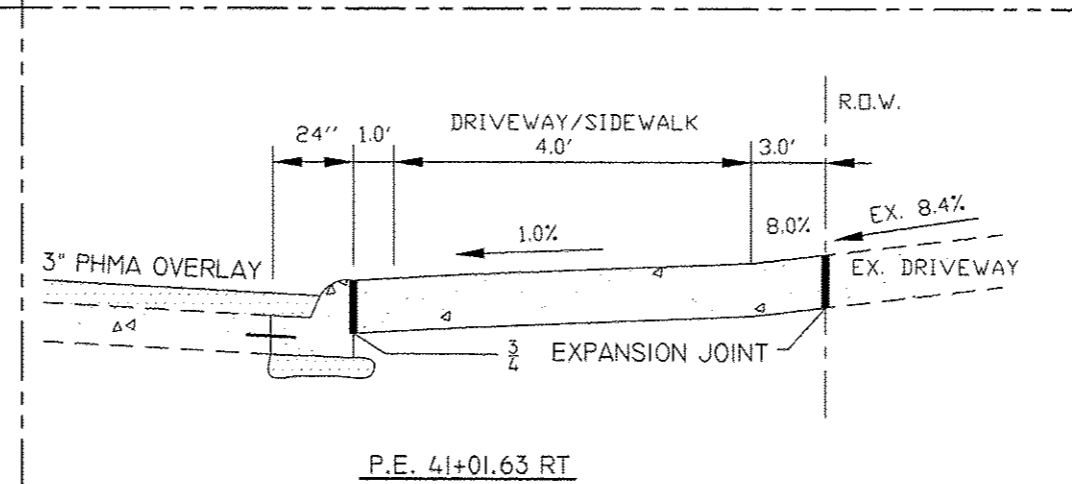
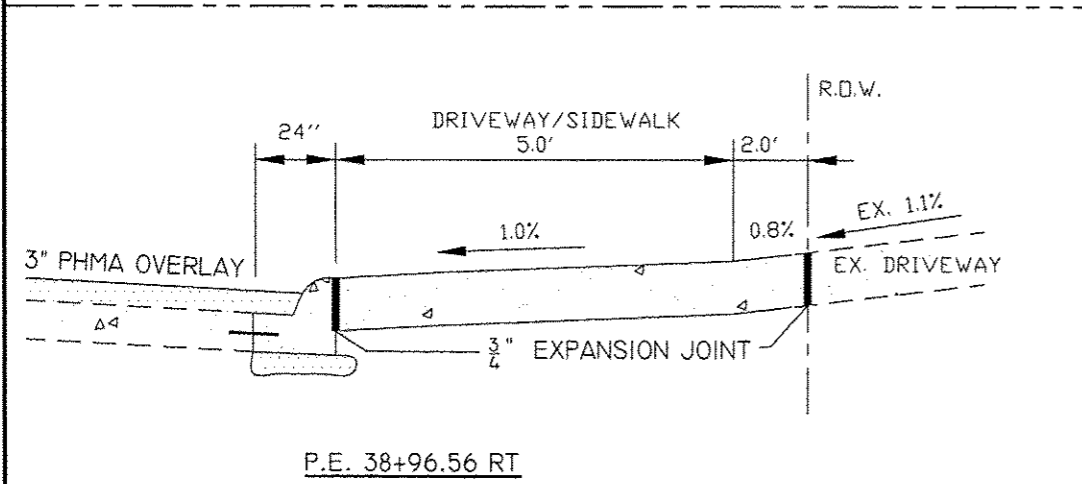
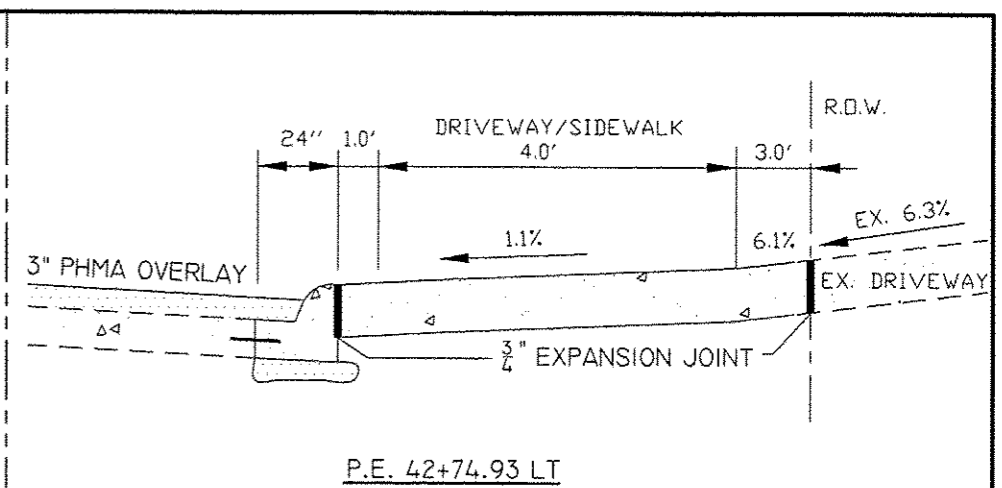
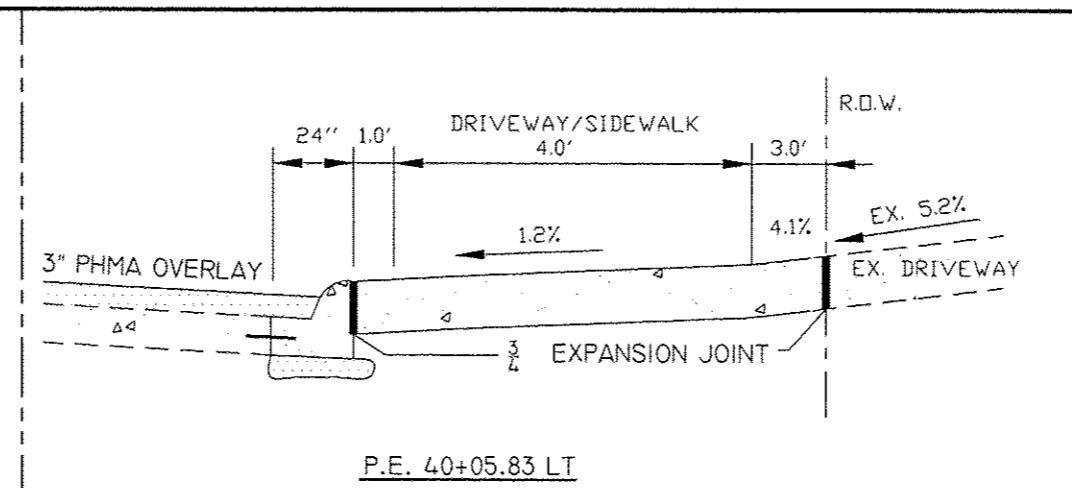
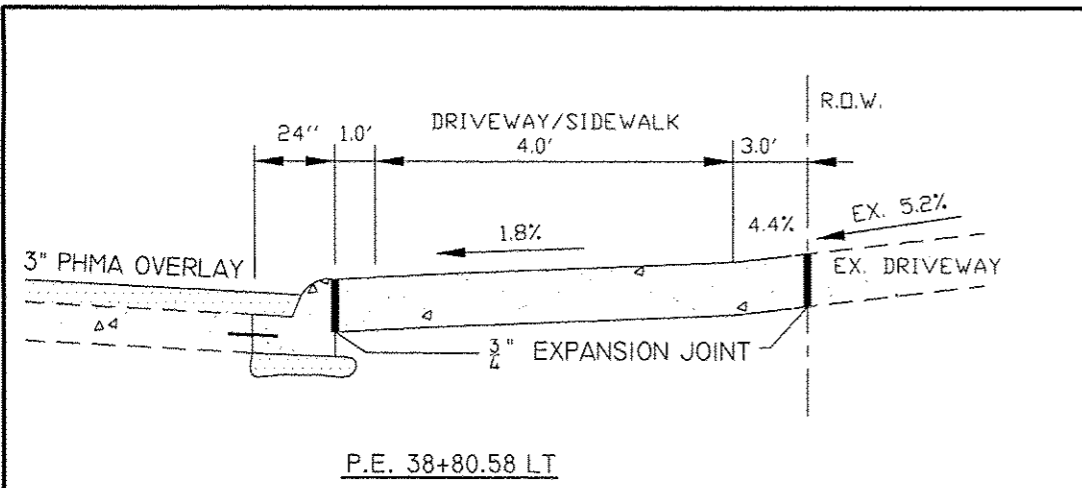


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12TH AVENUE OVERLAY  
 19TH STREET TO 34TH STREET  
 DETAILS

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12TH AVENUE OVERLAY  
 19TH STREET TO 34TH STREET  
 DETAILS

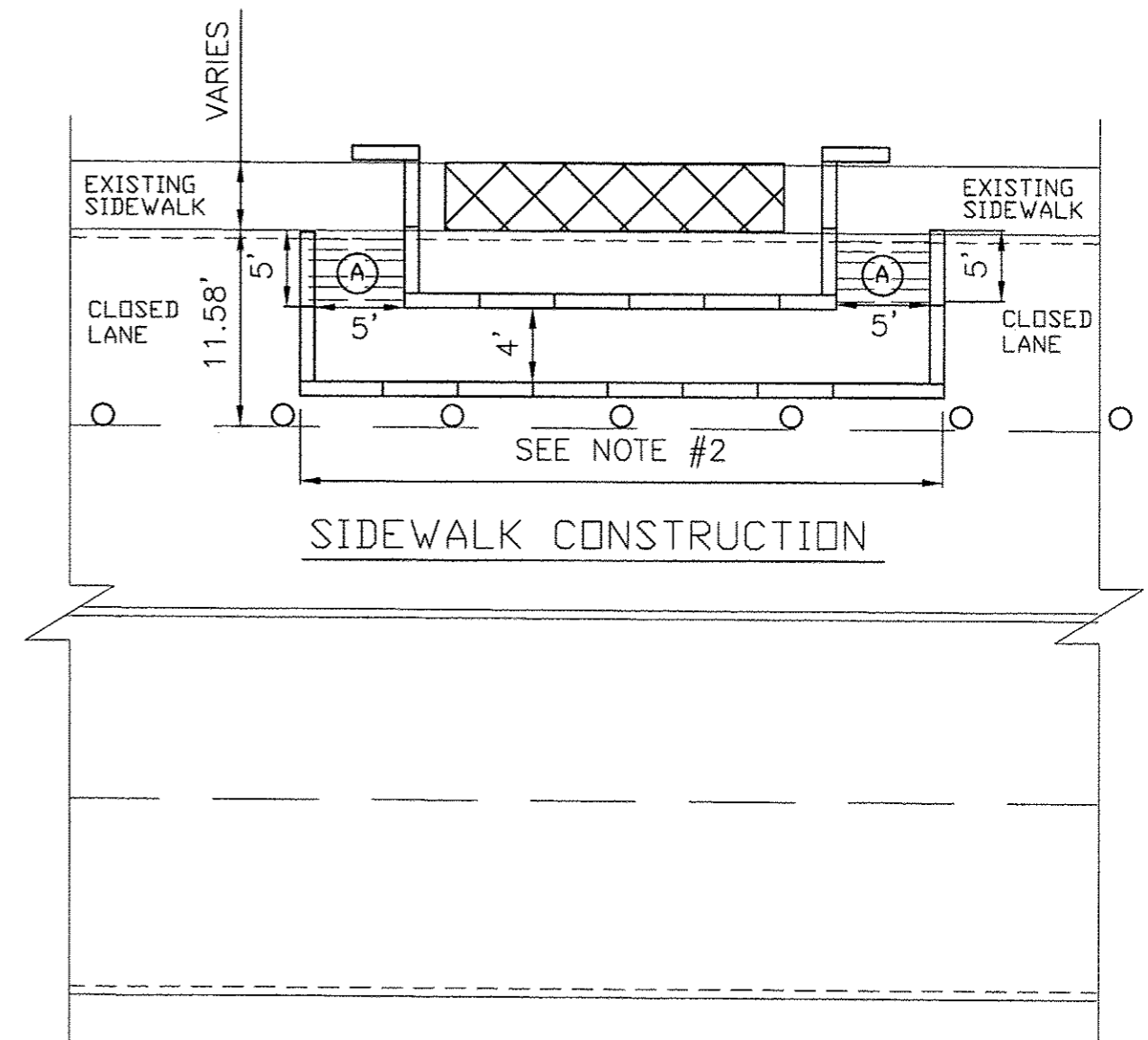
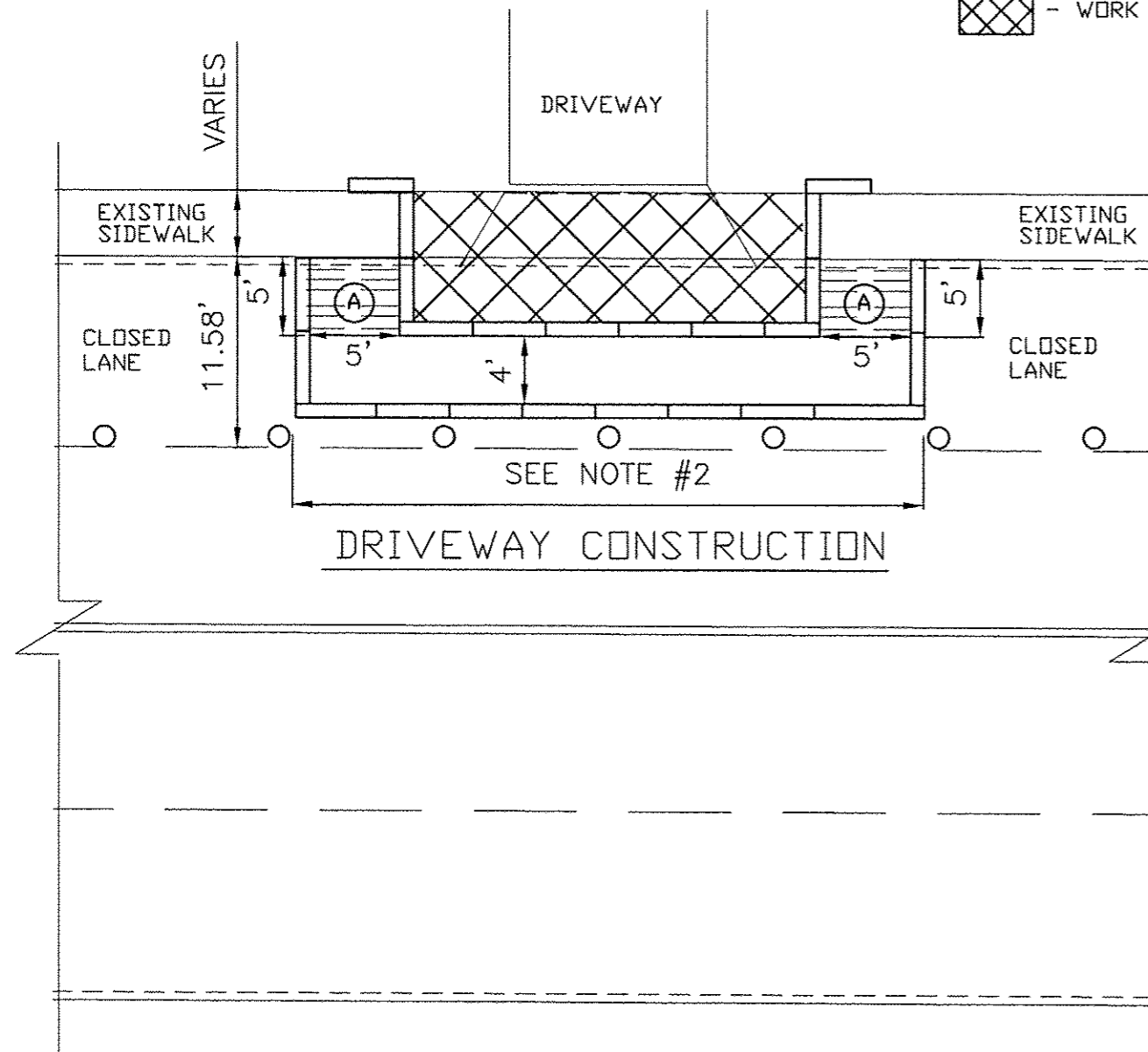
3-21-13	IDOT COMMENTS
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Scale NTS	
Design Engineer JWC	Project MFT 254

▭ - DETECTABLE CHANNELIZED PEDESTRIAN BARRICADES

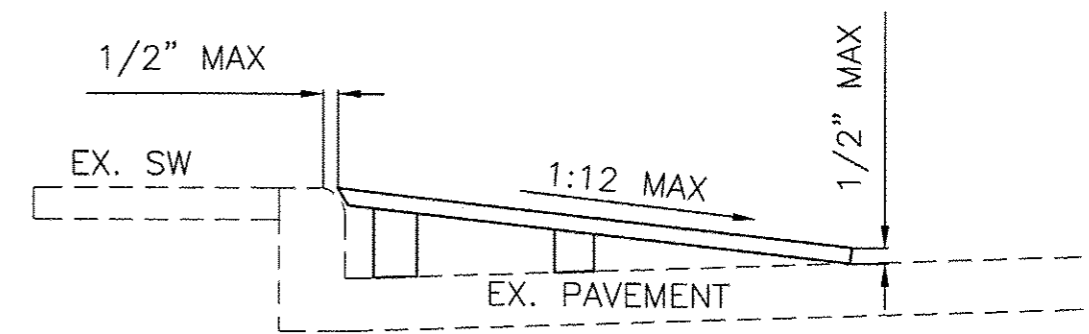
○ - DRUMS

▨ - WORK ZONE CONSTRUCTION AREA



NOTES:

- 1) THIS DETAIL IS TO BE USED FOR ACCOMADATING PEDESTRIAN TRAFFIC AROUND CONSTRUCTION ZONES IN SIDEWALK AREAS.
- 2) THE LENGTH WILL VARY DEPENDING ON THE WIDTH OF DRIVEWAY OR SIDEWALK CONSTRUCTION ZONE. IN AREAS WITH MULTIPLE CONSTRUCTION ZONES NEAR EACH OTHER, CONTRACTOR MAY EXTEND THE PATH IN THE CLOSED LANE FOR THE MULTIPLE CONSTRUCTION ZONES BEFORE PEDESTRIANS RAMP UP TO THE EXISTING SIDEWALK.
- 3) DETECTABLE CHANNELIZED PEDESTRIAN BARRICADES SHALL BE PER IDOT STANDARD 701801-05 & 701901-02.
- 4) BARRICADES AND TEMPORARY RAMPS SHALL BE IN PLACE PRIOR TO CONSTRUCTION TO SIDEWALKS OR DRIVEWAYS.
- 5) TEMPORARY RAMPS SHALL BE A SMOOTH, NON-SLIP SURFACE WITH GAPS NO WIDER THAT 1/2."



(A) - TEMPORARY RAMP DETAIL



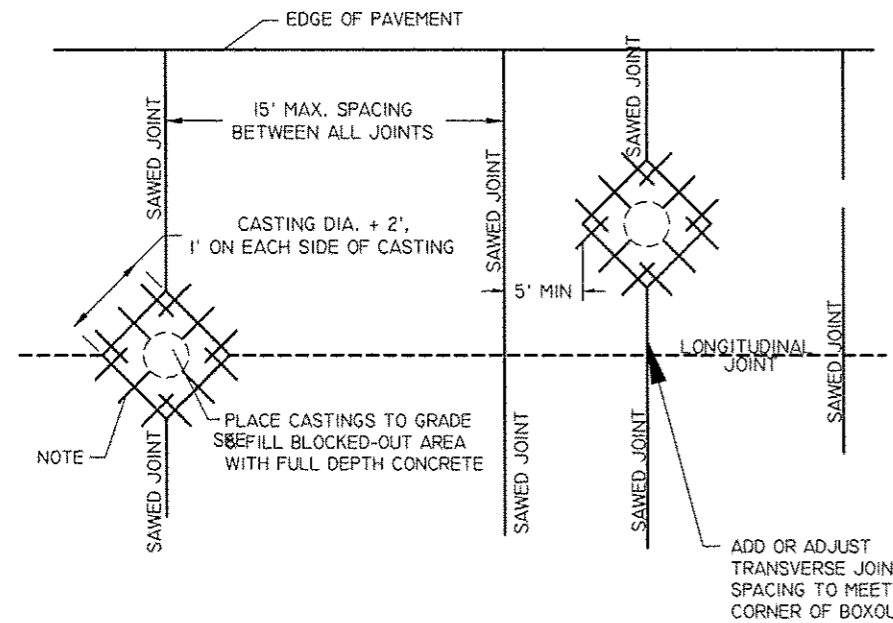
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12TH AVENUE OVERLAY  
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TEMPORARY PEDESTRIAN ACCESS DETAIL

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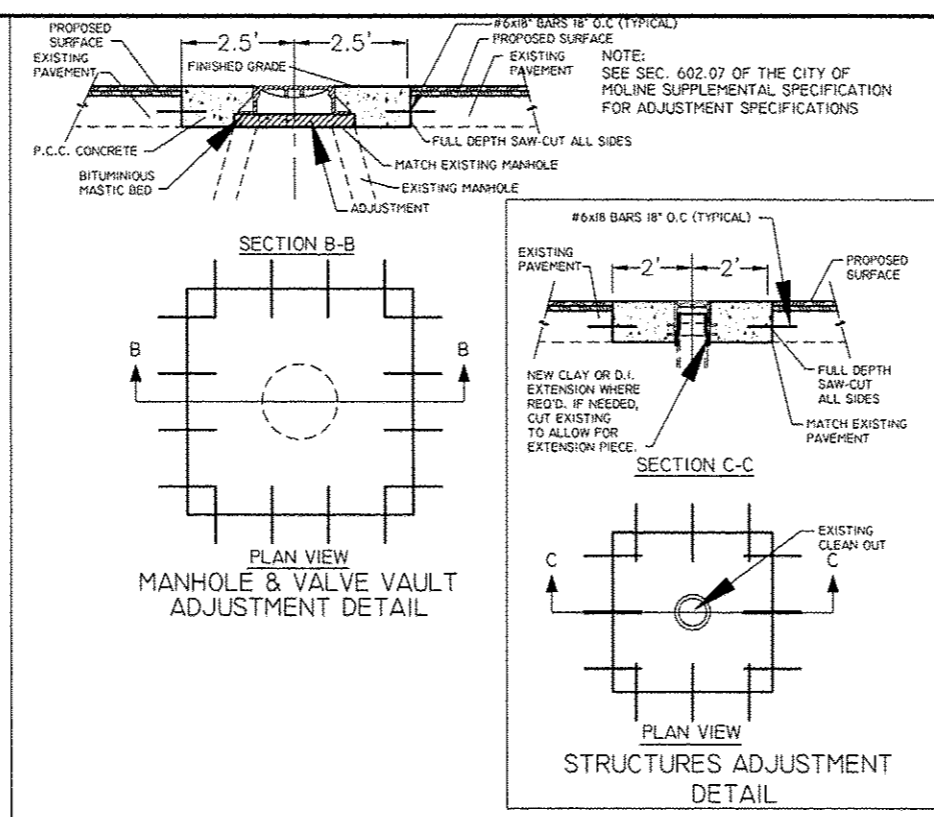




MANHOLE & VALVE VAULT BOX-OUT DETAIL

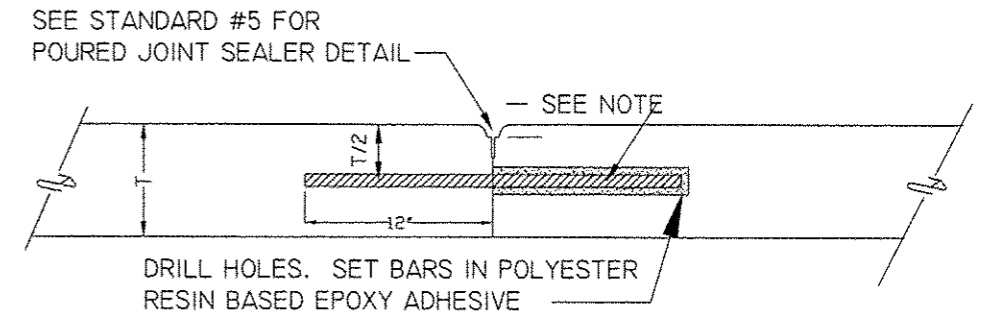
NOTE:  
ALL BOXOUTS SHALL BE TIED TO THE MAINLINE PAVEMENT WITH #6 X 18" BARS @ 18" O.C ALL SIDES.  
ALL REINFORCING BARS SHALL BE EPOXY COATED.  
THIS WORK SHALL MEET THE REQUIREMENTS ARTICLE 442.02 NOTE #1 & ARTICLE 701.17(E)(2)&(3)

MANHOLE & VALVE VAULT BOX OUT DETAIL		
DATE	CITY OF MOLINE STANDARD	#3
12/11		



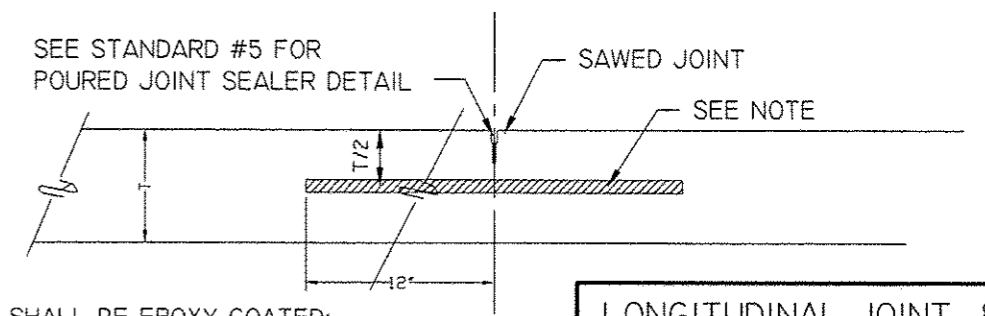
NOTE:  
ALL REINFORCING BARS SHALL BE EPOXY COATED  
THIS WORK SHALL MEET THE REQUIREMENTS OF ARTICLE 442.02 NOTE #1 & ARTICLE 701.17(E)(2)&(3)

TYPICAL ADJUSTMENT DETAIL		
DATE	CITY OF MOLINE STANDARD	#13
10/11		



SEE STANDARD #5 FOR POURED JOINT SEALER DETAIL  
DRILL HOLES. SET BARS IN POLYESTER RESIN BASED EPOXY ADHESIVE  
BARS SHALL BE EPOXY COATED;  
#6 DEFORMED, 24" LG. AT 24" CTRS. FOR LONG CONST. JT.  
#6 DEFORMED, 24" LG. AT 18" CTRS. FOR TRANS. CONST. JT.

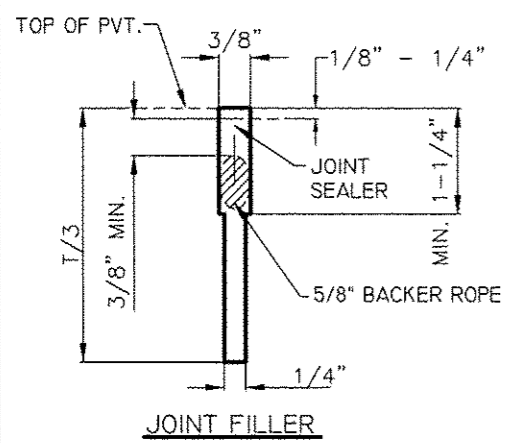
CONSTRUCTION JOINT



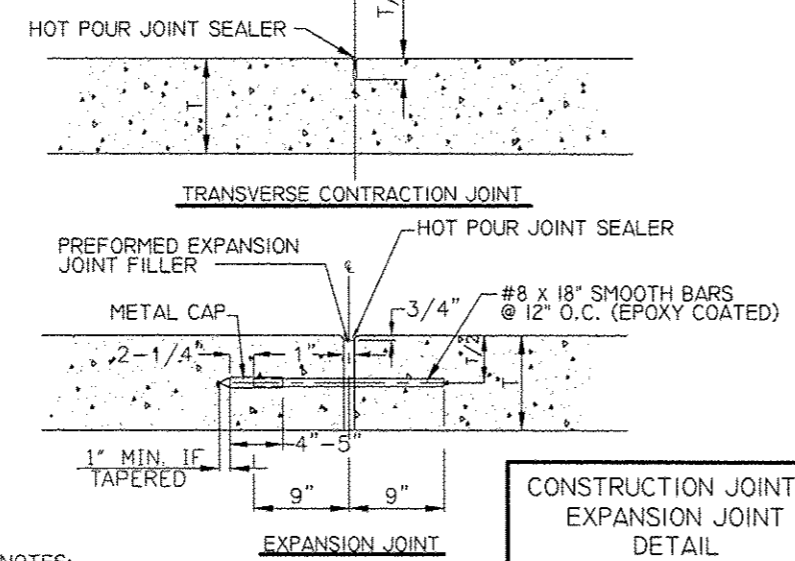
BARS SHALL BE EPOXY COATED;  
#6 DEFORMED 24" LG. AT 24" CTRS.

SAWED LONGITUDINAL CONTRACTION JOINT

LONGITUDINAL JOINT & TRANSVERSE JOINT DETAIL		
DATE	CITY OF MOLINE STANDARD	#7
10/11		

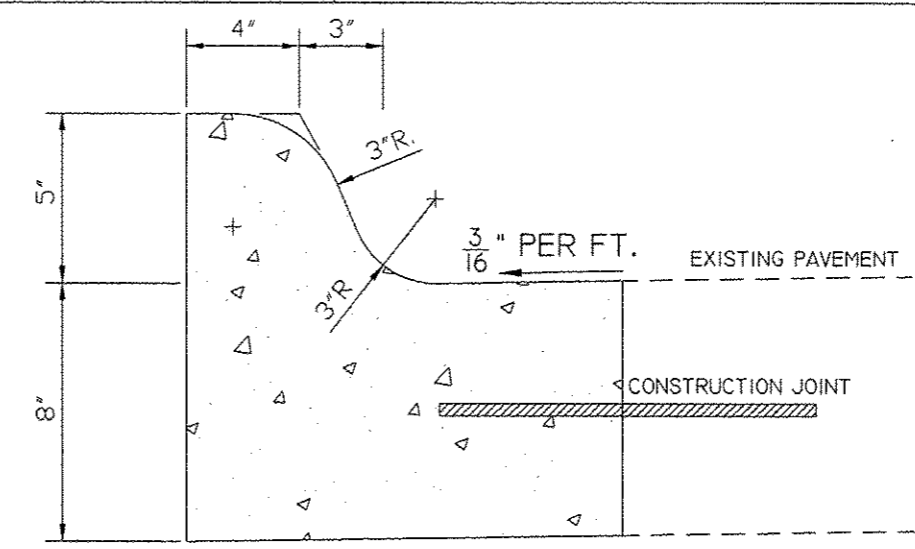


1. AFTER SAWING, FLUSH JOINT WITH WATER OR AIR.
2. CLEAN BY SAND BLASTING UNTIL SURFACES ARE FREE OF SAWCUTTING FINES
3. JUST PRIOR TO INSTALLATION OF BACKER ROPE, BLOW WITH OIL AND WATER FREE COMPRESSED AIR TO ELIMINATE SAND AND WATER.

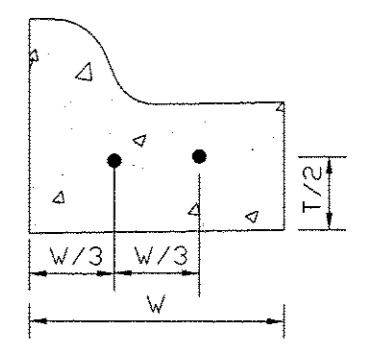


NOTES:  
HOLES SHALL BE DRILLED IN PREFORMED EXPANSION JOINT FILLER.  
NO SLOTS OR GAPS WILL BE ALLOWED.  
DOWEL BARS SHALL BE GREASED TO THE SATISFACTION OF THE ENGINEER.

CONSTRUCTION JOINT & EXPANSION JOINT DETAIL		
DATE	CITY OF MOLINE STANDARD	#5
12/05		



COMBINATION CURB & GUTTER, B6.18 (MODIFIED)



NOTE:  
#6 x 24" EPOXY COATED DEFORMED BARS DRILLED & EPOXIED 9" INTO EXISTING CURB.

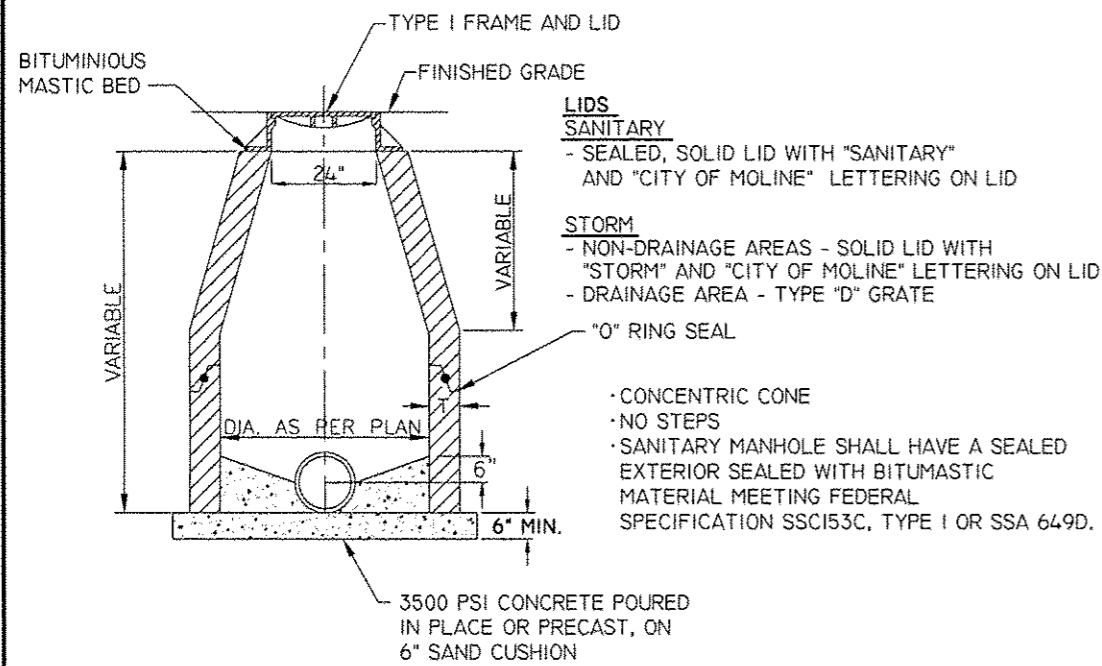
NOTE:  
A MINIMUM OF 6" BASE OF CA-6 EXTENDING 1' BEHIND THE BACK OF CURB SHALL BE INCLUDED

**CITY OF MOLINE**  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
3635 4TH AVENUE, MOLINE, IL 61265  
(309) 524-2350  
CITY ENGINEER - SCOTT HINTON, P.E.

**12TH AVENUE OVERLAY**  
19TH STREET TO 34TH STREET  
DETAILS

3-21-13	IDOT COMMENTS
Date	Revision

Date	2-20-12	Sheet	39
Scale	NTS	of	40
Design Engineer	JWC	Project	MFT 254

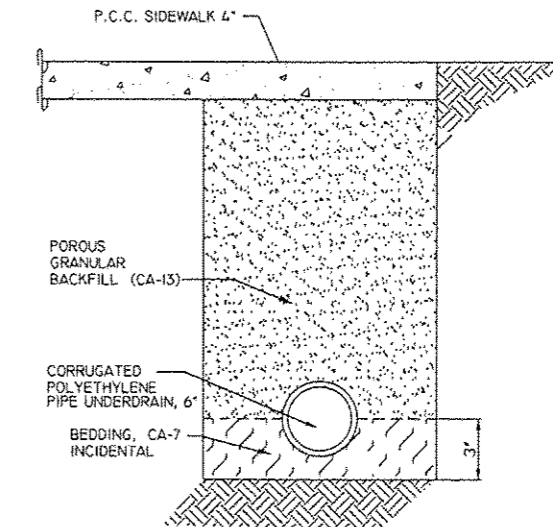
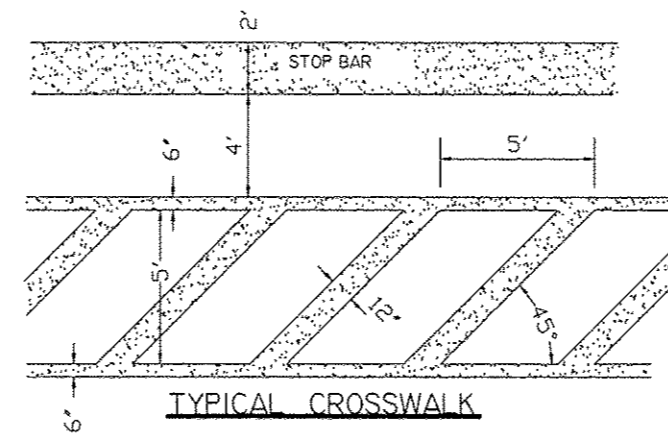


**TYPICAL MANHOLE DETAIL**

DATE	CITY OF MOLINE	#10
9/09	STANDARD	

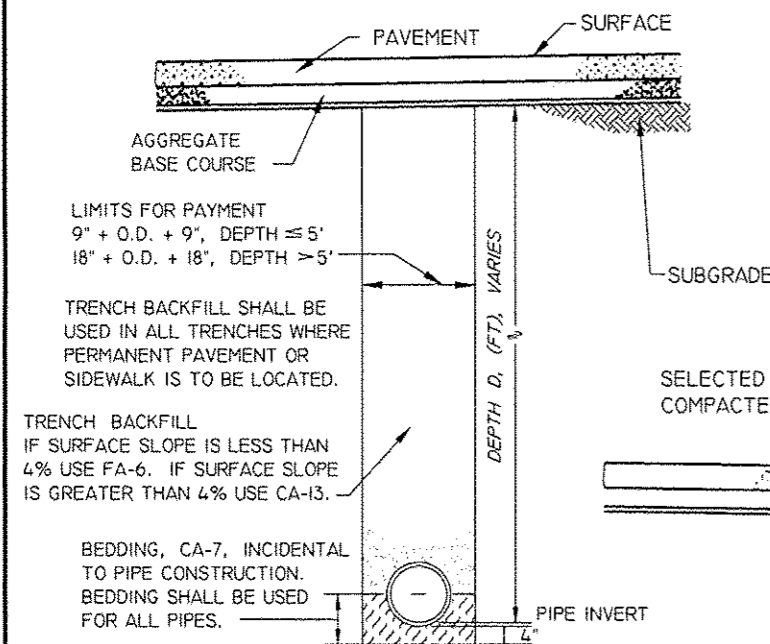
MATERIAL WALL THICKNESS (T)  
 PRE-CAST CONC. - MIN. 1/12 "D"  
 CAST-IN-PLACE CONC. MIN. 6"

NOTE:  
 ALL MARKINGS WHITE UNLESS OTHERWISE INDICATED

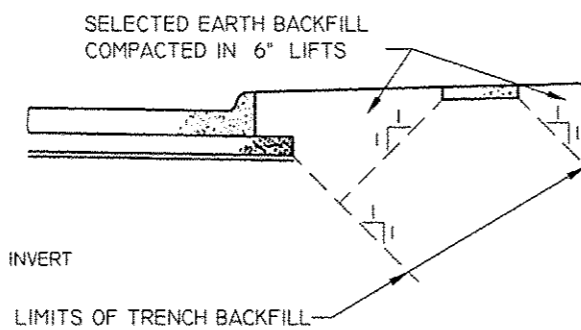


**PIPE UNDERDRAIN DETAIL**

DATE	CITY OF MOLINE	
12/05	STANDARD	



NOTE:  
 THE FOLLOWING TABLES WILL BE USED TO DETERMINE THE VOLUME OF TRENCH BACKFILL TO BE PAID FOR.  
 STORM SEWER THE T.D.O.T., BUREAU OF CONSTRUCTION "TRENCH BACKFILL TABLE"  
 SANITARY SEWER & WATER MAIN TABLES FROM THE STANDARD SPECIFICATION FOR WATER AND SEWER IN ILLINOIS

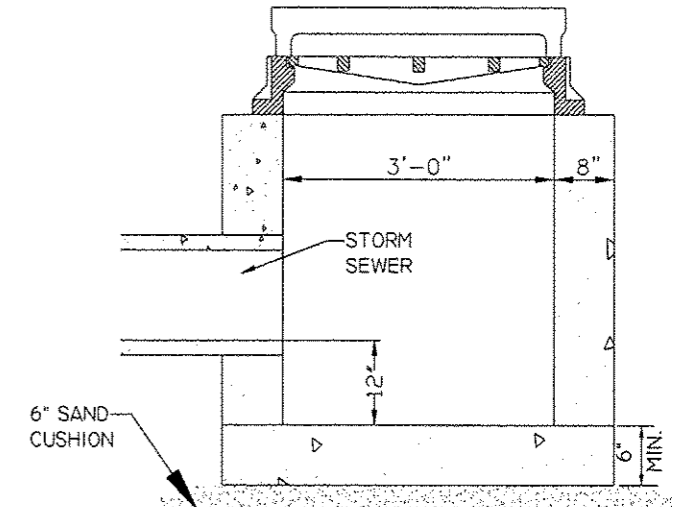
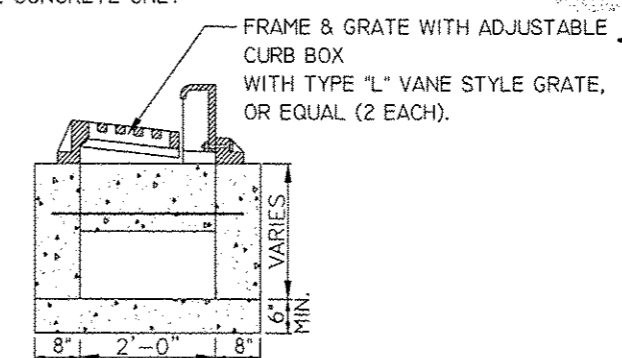
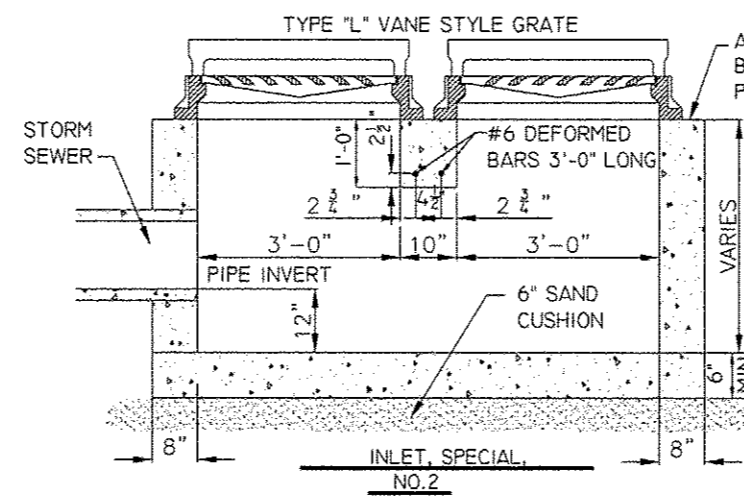
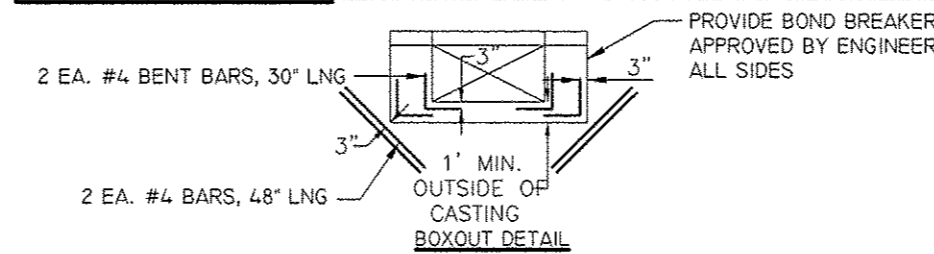


**BEDDING AND TRENCH BACKFILL**

DATE	CITY OF MOLINE	#13
12/05	STANDARD	

STRUCTURE SHALL INCLUDE A 6 FT. LENGTH OF PERFORATED CORRUGATED, POLYETHYLENE TUBING, 4", CONNECTED TO STRUCTURE, ENCASED IN A FABRIC ENVELOPE & PLACED "ALONG PIPE BOTTOM" UPSTREAM OF STRUCTURE.

NOTES:  
 NO PART OF PIPE SHALL BE PLACED WITHIN 9 INCHES OF THE C OF BEAMS.  
 2 L.F. OF CURB AND GUTTER (EACH SIDE) SHALL BE INCLUDED AS PART OF CATCHBASIN CONSTRUCTION AND ADJUSTMENT IF NOT WITHIN NEW PVT. CONSTRUCTION.  
 ALL REINFORCING BARS SHALL BE EPOXY COATED.



**INLET, SPECIAL, NO. 1 & 2 DETAIL**

DATE	CITY OF MOLINE	#14
12/05	STANDARD	

Date	2-20-12	Sheet	40
Scale	NTS	of	40
Design Engineer	JWC	Project	MFT 254
Date	3-21-13	IDOT COMMENTS	
Date		Revision	

Date	2-20-12	Sheet	40
Scale	NTS	of	40
Design Engineer	JWC	Project	MFT 254