

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		80% FED 20% STATE	100% STATE		
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	450	450			
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SO YD	430	430			
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	300	300			
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	3571	3571			
50300225	CONCRETE STRUCTURES	CU YD	0.5	0.5			
50901760	PIPE HANDRAIL	FOOT	34	34			
60250200	CATCH BASINS TO BE ADJUSTED	EACH	15	15			
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2			
60260100	INLETS TO BE ADJUSTED	EACH	4	4			
60266600	VALVE BOXES TO BE ADJUSTED	EACH	6	6			
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	10	10			
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	16	16			
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	75	75			
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3			
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4			
63200310	GUARDRAIL REMOVAL	FOOT	350	350			

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		80% FED 20% STATE	100% STATE		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	30	30			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4			
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1			
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1			
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6			
67100100	MOBILIZATION	L SUM	1	1			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1			
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1			

* SPECIALTY ITEMS

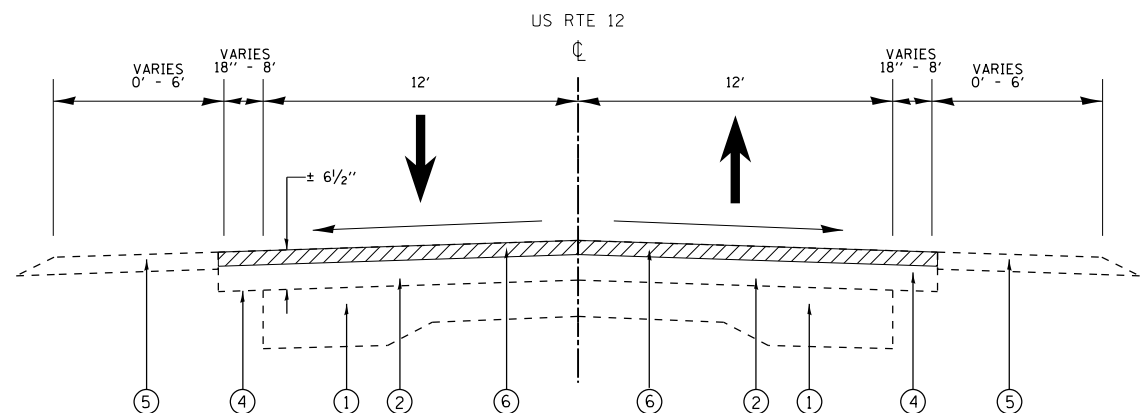
FILE NAME =	USER NAME = diaza	DESIGNED -	REVISED -
pw:\planroom\dtd\111\mof.gov\PI\DOT\Documents\DOT\Ofices\District\Projects\DI27018\CAD\dat\Des\grn\DI27018-st-drawn		DRAWN -	REVISED -
	PLOT SCALE = 100,0000' / 1in	CHECKED -	REVISED -
	PLOT DATE = 10/15/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
US 12 (MAIN STREET) : TRYON GROVE RD TO IL 173 (KENOSHA ST)**

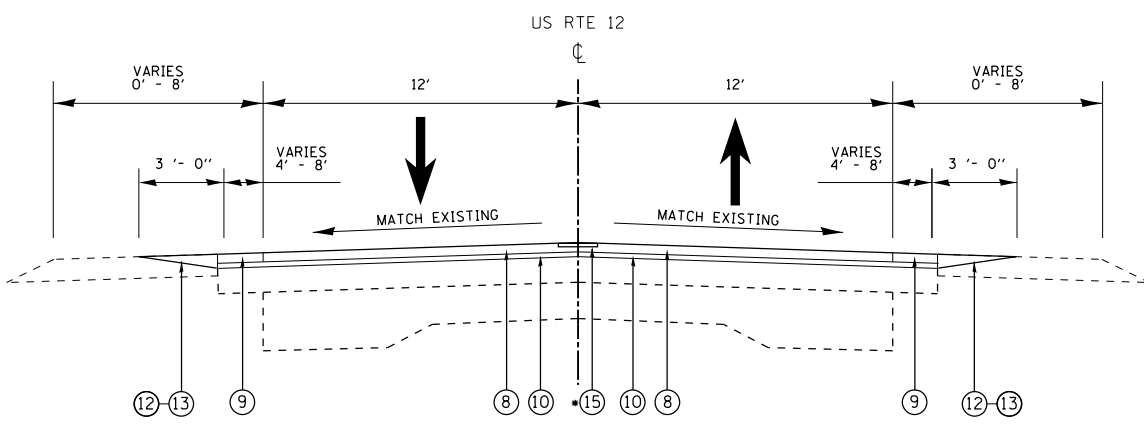
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	111-RS-18	MCHENRY	37	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G27	

△ REV. 1-7-2020



EXISTING TYPICAL SECTION

STA. 11+26 TO 81+73

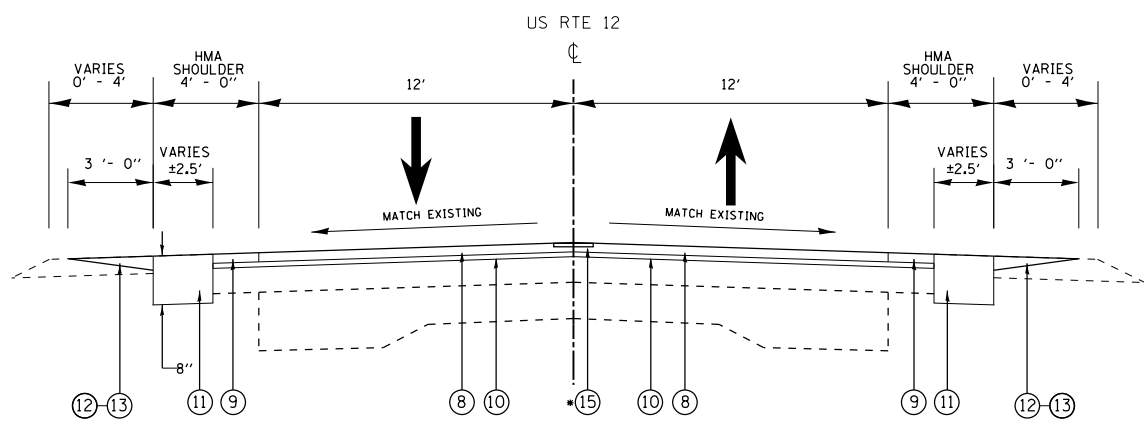


PROPOSED TYPICAL SECTION

STA. 11+26 TO 14+78
 STA. 73+81 TO 81+73
 * FOR STA 13+89 TO 14+78

ROADWAY NOTES:

PROPOSED CENTER LINE RUMBLE STRIPS, 16" ARE FROM STATION 13+89 TO 25+00 AND FROM STATION 37+00 TO 55+94. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" WILL BE USED OVER THE CENTER LINE RUMBLE STRIPS.



PROPOSED TYPICAL SECTION

STA. 14+78 TO 73+81

* FOR STA 14+78 TO 25+00 & STA 37+00 TO 55+94

NOTE:
 CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

REV. 1-7-2020

MIXTURE REQUIREMENTS		AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE USES			
PAVEMENT RESURFACING			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, (IL-9.5 mm)		4% AT 70 GYR.	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50		3.5% AT 50 GYR.	QCP
HMA SHOULDER RESURFACING ≥ 4'			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 mm); 1 3/4"		4% AT 70 GYR.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4"		3.5% AT 50 GYR.	QCP
PROPOSED HMA SHOULDERS, 8"			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 mm); 1 3/4"		4% AT 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 6/4"		4% AT 50 GYR.	QC/QA
PATCHING			
CLASS D PATCHES (HMA BINDER, IL-19.0 mm)		4% AT 70 GYR.	QC/QA
DRIVEWAY			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm), 2"		4% AT 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); PE, 6"		4% AT 50 GYR.	QC/QA
INCIDENTAL HMA SURFACING			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm)		4% AT 70 GYR.	QC/QA

QMP Designation: Pay for Performance (PFP); Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP)			
USER NAME = DIAZIA	DESIGNED -	REVISED - 12/19/2019 ID	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/19/2019	DATE -	REVISED -	

LEGEND

- ① EXISTING PCC PAVEMENT, 9" - 7" - 9"
- ② EXISTING HMA SURFACE, ±6/2"
- ③ EXISTING COMB. CURB AND GUTTER, TYPE B-6.24
- ④ EXISTING HMA SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑦ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑧ PROPOSED POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "E", N70; 1 3/4"
- ⑨ PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "D", N70; 1 3/4"
- ⑩ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"
- ⑪ PROPOSED HMA SHOULDERS, 8"
- ⑫ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑬ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑭ PROPOSED COMB. CONC. CURB AND GUTTER REMOVAL & REPLACEMENT (AS DETERMINED BY THE ENGINEER)
- ⑮ PROPOSED CENTER LINE - RUMBLE STRIP - 16"

NOTE:

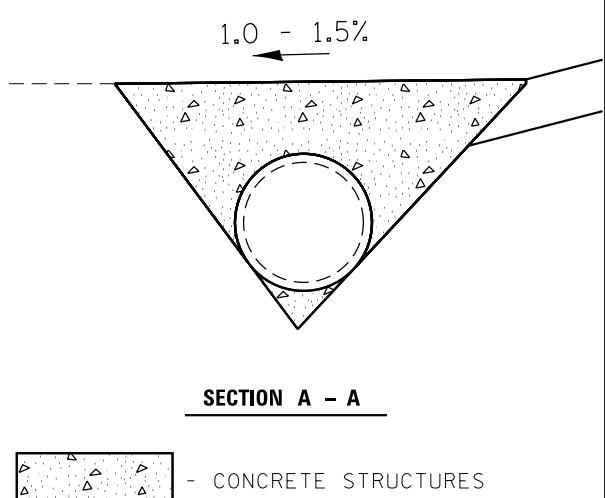
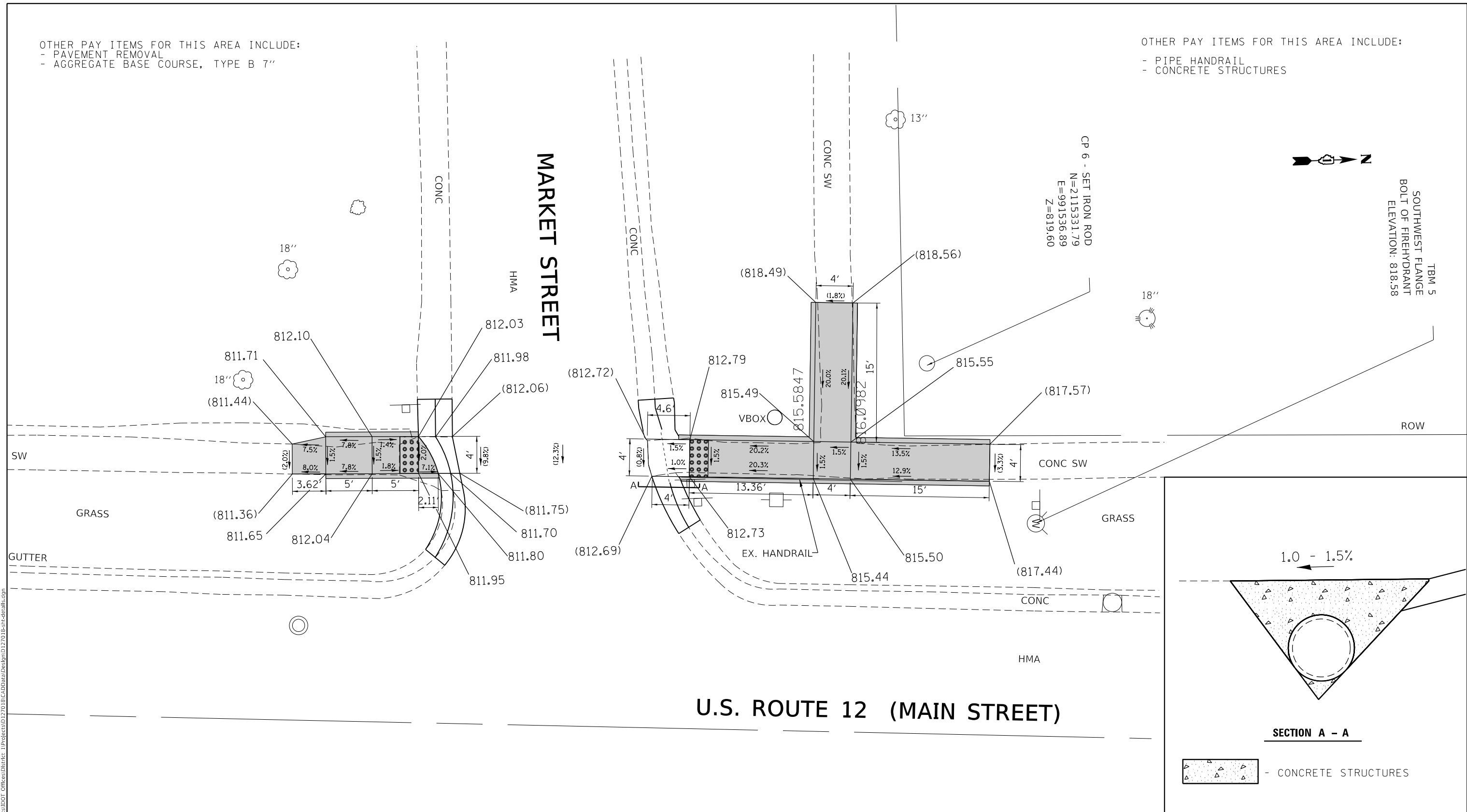
- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
- FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US 12 (MAIN STREET) : TRYON GROVE RD TO IL 173 (KENOSHA ST)		334	111-R5-18	MCHENRY	37	6
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT				
CONTRACT NO. 62G27						

OTHER PAY ITEMS FOR THIS AREA INCLUDE:
 - PAVEMENT REMOVAL
 - AGGREGATE BASE COURSE, TYPE B 7"

OTHER PAY ITEMS FOR THIS AREA INCLUDE:
 - PIPE HANDRAIL
 - CONCRETE STRUCTURES



REFERENCE BENCHMARK ELEVATION : 818.58
 BENCHMARK : SOUTHWEST FLANGE BOLT OF FIREHYDRANT
 LOCATION : NW CORNER OF US 12 & MARKET ST.

LEGEND	
	PROPOSED SIDEWALK
	EXISTING LENGTH
	PROPOSED SIDE CURB
	EXISTING ELEVATION/SLOPE
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REVISED SHEET 1-7-2020

MODEL: Default
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USER NAME = diaza PLOT SCALE = 10.0000 "/in. PLOT DATE = 12/2/2019	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAIL PLAN US 12 (MAIN STREET) : TRYON GROVE RD TO IL 173 (KENOSHA ST)	F.A.P. RTE. 334 SECTION 111-RS-18 COUNTY MC HENRY TOTAL SHEETS 37 SHEET NO. 15 CONTRACT NO. 62G27	SCALE: SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT
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