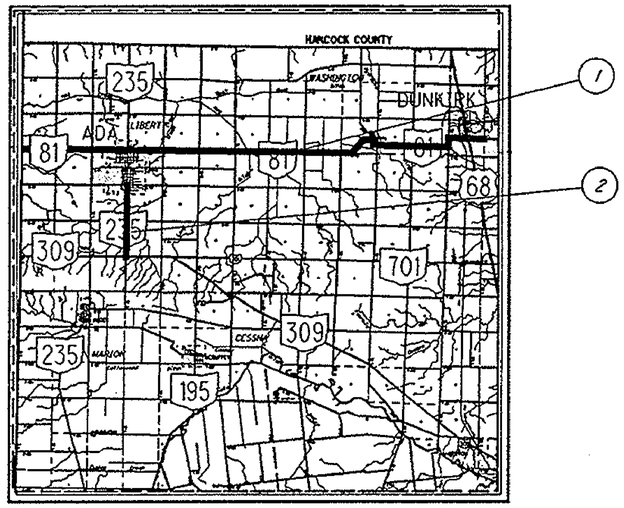
HAR - SR-81/235-0.00/15.94/18.66
080641 PID - 80464
Dist 1 12/10/2008



LOCATION MAP

LATITUDE: N40°46'36" LONGITUDE: W83°49'24"

SCALE IN MILES

0 2 4 6 8

N

PORTION TO BE IMPROVED
INTERSTATE HIGHWAY
STATE & FEDERAL ROUTES
COUNTY & TOWNSHIP ROADS
OTHER ROADS

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

Har-81/235-0.00/15.94/18.66

Liberty and Marion Townships
HARDIN COUNTY

INDEX OF SHEETS:

Title Sheet	1
General Notes	2
Mailbox Turnout	3
Asphalt Concrete	4
Pavement Marking Sub-Summary	5
Curb Ramp Details & Quantities	6-7
General Summary	8

PROJECT DESCRIPTION

REHABILITATION OF TWO-LANE ROADWAY BY PLANING AND RESURFACING, PLACING CURB RAMPS, RPM'S AND PAVEMENT MARKINGS.

PROJECT EARTH DISTURBED AREA= N/A (MAINTENANCE PROJECT)
ESTIMATED CONTRACTOR EARTH DISTRUBED AREA= N/A (MAINTENANCE PROJECT)
NOTICE OF INTENT EARTH DISTURBED AREA= N/A (MAINTENANCE PROJECT)

2008 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THESE IMPROVEMENTS WILL NOT REQUIRE THE CLOSING OF THE HIGHWAY AND PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS INDICATED IN THE PROPOSAL.

UNDERGROUND UTILITIES

CONTACT BOTH SERVICES
CALL TWO WORKING DAYS
BEFORE YOU DIG

CALL
1-800-362-2764
(TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

OIL & GAS PRODUCERS PROTECTIVE SERVICE CALL: 1-800-925-0988

PLAN PREPARED BY:
District One Production

ENGINEER'S SEAL

STATE OF OHIO
Russell Lynn Stonecker
E-51971
REGISTERED
PROFESSIONAL ENGINEER

SIGNED
DATE: 09-15-08

STANDARD CONSTRUCTION DRAWINGS

BP-3.1	10/19/07	BP-7.1	1/19/07					SUPPLEMENTAL SPECIFICATIONS	
		BP-7.2	1.19.07					800-2008	10/17/08
MT-97.10	9/05/06	BP-5.1	7/28/00					832	04/25/06
MT-97.12	9/05/06								
MT-99.20m	1/30/95								
MT-105.10	10/18/02								
MT-105.11	10/18/02								
TC-41.10	10/19/07								
TC-41.20	1/19/01							SPECIAL PROVISIONS	
TC-52.10	1/19/07								
TC-52.20	1/19/07								
TC-65.10	1/21/05								
TC-65.11	1/21/05								

APPROVED Tim Burkofile, P.E.
DATE 9/15/08 DISTRICT DEPUTY DIRECTOR

APPROVED James G. Beasley
DATE 9-16-08 DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO. E060(284)

PID NO. 80464

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT CSXT & CF&E

HAR-81/235-0.00/15.94/18.66

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TRAFFIC:

TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. THE LENGTH OF RESTRICTED TRAFFIC ZONES SHALL BE KEPT TO A MINIMUM CONSISTENT WITH REQUIREMENTS FOR PROTECTION OF COMPLETED COURSES.

RAILROAD CROSSINGS & BRIDGE TREATMENT:

THE NEW SURFACE COURSE SHALL BE FEATHERED OR BUTT JOINTED TO MEET THE PROFILE AS SPECIFIED BY THE ENGINEER.

ALIGNMENT AND PROFILE:

THE WORK PROPOSED BY THIS PROJECT IS FOR THE RESURFACING OF THE EXISTING PAVEMENT. FOR THE MOST PART THE PROPOSED SURFACE WILL REMAIN THE SAME AS THE EXISTING SURFACE. THE REMAINDER OF THE MATERIAL IS TO BE USED AS DETERMINED BY THE ENGINEER TO CORRECT THE EXISTING CROSS-SLOPE, ROUGH OR WEAK PAVEMTENT, RUTTED AREAS, OR APPROACHES TO INTERSECTIONS, RAILROAD CROSSINGS OR BRIDGES. SPREADING EQUIPMENT WILL HAVE AN AUTOMATIC PROFILE CONTROL DEVICE ADDED TO BE USED WHEN DIRECTED BY THE ENGINEER. THE MINIMUM LENGTH OF THE SKI FOR THIS DEVICE SHALL BE 30 FEET.

ITEM 407 TACK COAT:

THE RATE OF APPLICATION OF 407 TACK COAT SHALL BE SUBJECT TO ADJUSTMENT, AS DIRECTED BY THE ENGINEER. PLAN QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF 0.075 GALLON PER SQUARE YARD OF TACK COAT FOR ESTIMATING PURPOSES ONLY.
THE CONTRACTOR SHALL NOTE THAT ADDITIONAL CLEANING AND SURFACE PREPARATIONS MAY BE REQUIRED WITHIN THE CORPORATE LIMITS OF THE MUNICIPALITIES ON THIS PROJECT. ANY AND ALL ADDITIONAL WORK SHALL BE INCIDENTAL TO 407.04 PREPARATION OF SURFACE.

EXTRA AREAS:

PRIVATE DRIVES SHALL BE FEATHERED IN APPROXIMATELY 6 FEET USING 448 ASPHALT CONCRETE. SOME DRIVES MAY REQUIRE MORE THAN 6 FEET TO ALLOW FOR AN ADEQUATE TRANSITION TO THE MAINLINE PAVEMENT. THESE TRANSISTIONS WILL BE AS DIRECTED BY THE ENGINEER. THE 448 ASPHALT CONCRETE QUANTITIES FOR DRIVES, MAILBOXES, BRIDGE APPROACHES AND INTERSECTIONS ARE INCLUDED IN THE EXTRA AREA QUANTITIES.

ASPHALT CONCRETE PLACEMENT ON SHOULDERS:

THE ASPHALT CONCRETE ON THE SHOULDERS SHALL BE PLACED AT THE SAME TIME THAT THE ASPHALT CONCRETE IS PLACED ON THE ADJACENT LANES OF PAVEMENT. THE SHOULDER MATERIAL SHALL BE PLACED AT THE SAME CROSSLOPE AS THE EXISTING SHOULDER GRADES.

MAINTAINING TRAFFIC AT PLANED AREAS:

THE CONTRACTOR SHALL ARRANGE HIS OPERATIONS SO THAT TRAFFIC IS RETURNED TO AN AREA WHEN THE PLANING IS COMPLETE. THE PLANED AREA SHALL BE CLEANED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING TEMPORARY MARKINGS.
ALL REQUIRED WORK ZONE PAVEMENT MARKINGS SHALL BE PLACED PRIOR TO OPENING THE AREA TO TRAFFIC. NO PLANED SURFACE SHALL REMAIN OPEN TO TRAFFIC MORE THAN (7) DAYS BEFORE BEING COVERED WITH AN ASPHALT COURSE. IF THIS IS NOT DONE, LIQUIDATED DAMAGES WILL BE LEVIED AS PER SECTION 108.07 OF THE ODOT CONSTRUCTION AND MATERIALS SPECIFICATIONS.

ITEM 604 MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN:

INCLUDED IN THE GENERAL SUMMARY FOR USE ON THIS PROJECT IS A CONTINGENCY QUANTITY OF 2 EACH - ITEM 604 MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN . THIS ITEM SHALL INCLUDE ALL COSTS ASSOCIATED WITH THE LABOR AND EQUIPMENT TO OBTAIN THE MONUMENT BOX RISER FROM THE ENGINEER AND INSTALL IT TO THE ENGINEER'S SATISFACTION. THE USE OF THIS ITEM SHALL BE "AS DIRECTED BY THE ENGINEER."

CONVERSION OF STANDARD CONSTRUCTION DRAWINGS

CONVERT THE METRIC STANDARD DRAWINGS REFERENCED IN THIS PLAN TO ENGLISH UNITS USING THE SI (METRIC) TO ENGLISH CONVERSION FACTORS PROVIDED IN SECTION 109.02 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS.

CONVERSIONS WILL BE APPROPRIATELY PRECISE AND REFLECT STANDARD INDUSTRY ENGLISH VALUES WHERE SUITABLE.

ITEMS 251 & 253 - PARTIAL DEPTH PAVEMENT REPAIR & PAVEMENT REPAIR:

THESE ITEMS OF WORK SHALL CONSIST OF THE REMOVAL OF THE EXISTING PAVEMENT OR PAVED BERM WHICH MAY BE ASPHALT, BRICK, CONCRETE, OR A COMBINATION OF EACH, IN AREAS OF EXISTING PAVEMENT FAILURE.
THE ENGINEER SHALL DESIGNATE THE LOCATIONS AND LIMITS OF THE AREAS TO BE PREPARED. THE REPAIR AREAS SHALL BE ROUGHLY RECTANGULAR IN SHAPE AND CUT OR SAWED TO A NEAT LINE. THE PAVEMENT SHALL BE REMOVED WITHIN THE DESIGNATED AREAS BY METHODS WHICH WILL NOT DAMAGE THE ADJACENT PAVEMENT. THE DEPTH OF REMOVAL, AS DIRECTED BY THE ENGINEER, SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT (MAXIMUM - 3.0 INCHES FOR ITEM 251 PARTIAL DEPTH REPAIR AND MORE THAN 3 INCHES AVERAGE FOR ITEM 253 PAVEMENT REPAIR). THE MATERIALS SO REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH 203.01.
THE VERTICAL FACES OF THE REPAIR AREA SHALL BE TACKED PRIOR TO PLACING THE 301 FOR ITEM 253 PAVEMENT REPAIR AND/OR 448 ASPHALT FOR ITEM 251 PARTIAL DEPTH REPAIR. THIS MATERIAL SHALL BE PLACED AND COMPACTED TO FINISH FLUSH WITH THE ADJACENT EXISTING PAVEMENT SURFACE PRIOR TO PLACING THE PROPOSED ASPHALT CONCRETE OVERLAY ALL COMPACTION SHALL BE ACHIEVED BY MECHANICAL METHODS TO THE SATISFACTION OF THE ENGINEER.
PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO COMPLETE THE PAVEMENT REPAIR. AN ESTIMATED QUANTITY IS PROVIDED IN THE SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE MADE AT THE UNIT PRICE BID PER SQUARE YARD OF ITEM 251 PARTIAL DEPTH PAVEMENT REPAIR AND PER CUBIC YARD ITEM 253 PAVEMENT REPAIR.

251 PARTIAL DEPTH PAVEMENT REPAIR	50	SQUARE YARD
253 PAVEMENT REPAIR	250	CUBIC YARD

ITEM 617 COMPACTED AGGREGATE, AS PER PLAN
THIS ITEM SHALL MEET ALL REQUIREMENTS FOR ITEM 617 COMPACTED AGGREGATE WITH THE FOLLOWING EXCEPTION:

1) NO RECYCLED ASPHALT CONCRETE PAVEMENT SHALL BE USED IN THIS ITEM

ALL COSTS ASSOCIATED WITH THE EQUIPMENT, LABOR AND MATERIALS NECESSARY FOR SUPPLYING AND PLACING THIS ITEM SHALL BE INCLUDED IN THE PRICE BID PER CUBIC YARD FOR ITEM 617 COMPACTED AGGEGATE, AS PER PLAN.

GENERAL NOTES

HAR-81/235-0.00/15.94/18.66

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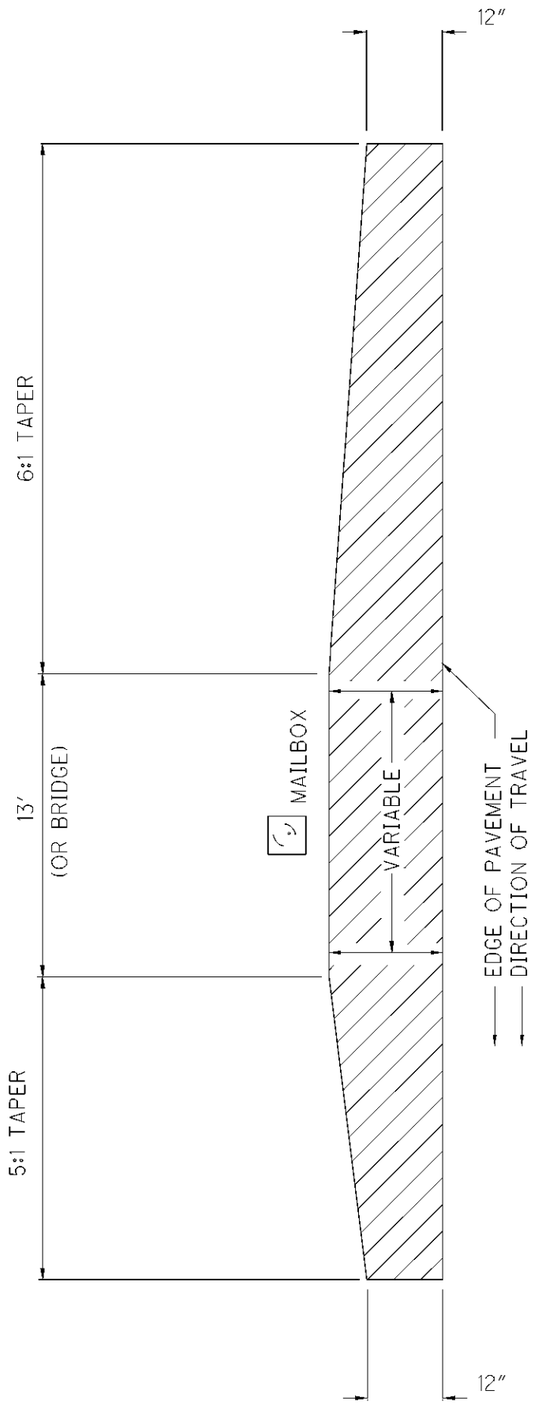

SINGLE - MAILBOX TURNOUT & BRIDGE APPROACHES

* IF THERE IS A DISTANCE OF 100 FEET OR LESS BETWEEN MAILBOXES: APPROCHES SHALL BE PAVED THRU TO LAST MAILBOX. THIS AREA SHALL REPRESENT LOCATION OF BRIDGE (VARIABLE LENGTH, NO WORK) FOR BRIDGE APPROACHES.

** IF THERE IS A DISTANCE OF 50 FEET OR LESS BETWEEN DRIVEWAY AND MAILBOX: APPROACH SHALL BE PAVED THRU TO MAILBOX.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATING OF MATERIALS FROM ALL STONE DRIVEWAYS AND MAILBOX APPROACHES TO A DEPTH OF 2 INCHES BELOW EXISTING PAVEMENT. EXCAVATED MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS OWN RESPONSIBILITY OUTSIDE THE LIMITS OF THE HIGHWAY RIGHT OF WAY.

WHEN UNSTABLE MATERIAL IS ENCOUNTERED, EXCAVATION OF THIS MATERIAL SHALL BE TO A DEPTH OF 6 INCHES BELOW EXISTING PAVEMENT ELEVATION. AN ESTIMATED QUANTITY OF 304 AGGREGATE BASE HAS BEEN SET UP FOR BACKFILL OF THESE AREAS.

AN ADDITIONAL QUANTITY OF ASPHALT CONCRETE HAS BEEN SET UP TO BE USED IN THOSE AREAS EXCAVATED FOR DRIVEWAYS, MAILBOX AND BRIDGE APPROACHES.

ALL WORK, MATERIALS, EXCEPT ITEM 304, LABOR AND EQUIPMENT NECESSARY TO COMPLETE THE ABOVE DESCRIBED WORK SHALL BE INCIDENTAL TO THE PLACEMENT OF THE ASPHALT CONCRETE.

MAILBOX TURNOUT

HAR-81/235-0.00/15.94/18.66

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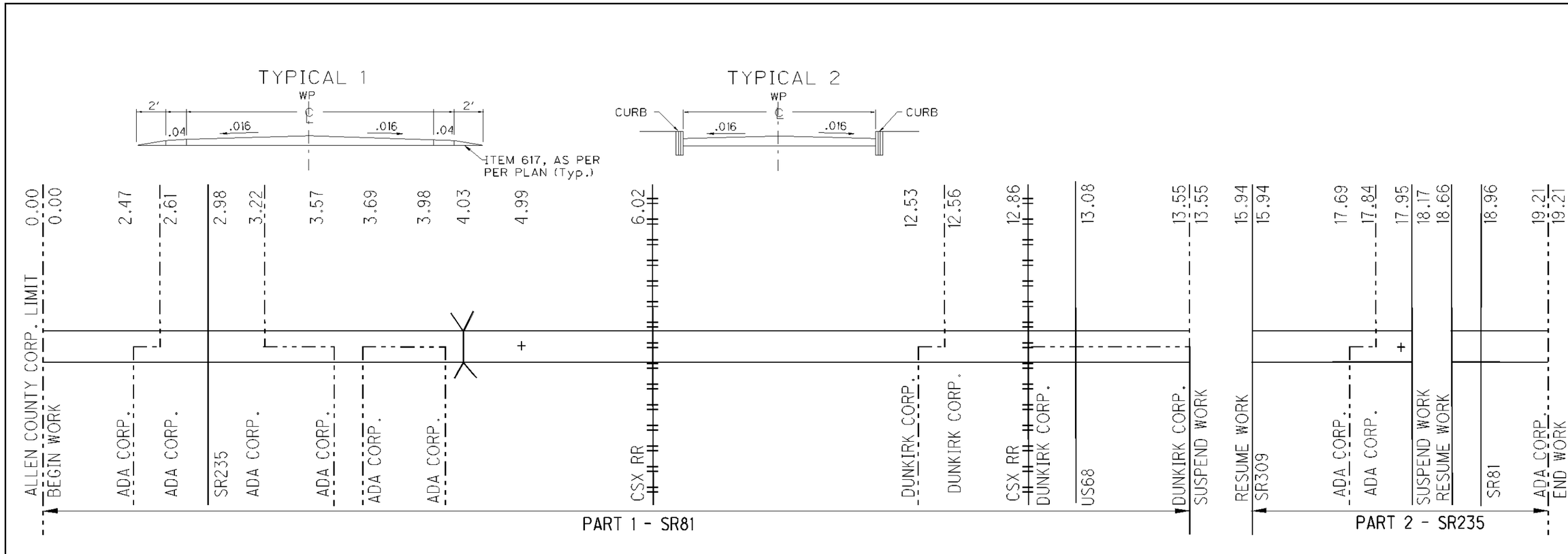

ASPHALT CONCRETE

PAVEMENT DATA

ROUTE	FROM	TO	DISTANCE		PAVT WIDTH		TYPICAL SECTION	PAVT AREA	407 TACK COAT	448 ASPHALT CONCRETE SURFACE COURSE TYPE 1	254 PAVT PLANING	254 PATCHING PLANED SURFACES	304 AGGREGATE BASE	617 COMPACTED AGGREGATE
	SLM	SLM			FROM	TO		SQ YD	0.075 GAL/SY	THICKNESS 1 1/4"	THICKNESS 1 1/4"	0.2% OF PLANED AREA		2 @ 2 FT 1 INCH AVG. THICKNESS
			MILES	FEET	FEET				GAL	CU YD	SQ YD	SQ YD	CU YD	CU YD
SR81	0.00	2.98	2.98	15734	26	25	1	44581	3344	1548	44581	89		194
SR81	2.98	6.36	3.38	17846	25	24	1	48582	3644	1687	48582	97		220
SR81	6.36	10.25	3.89	20539	24	22	1	52489	3937	1823	52489	105		254
SR81	10.25	12.53	2.28	12038	22	20	1	28090	2107	975	28090	56		149
SR81	12.53	13.08	0.55	2904	20	23	1	6937	520	241	6937	14		36
SR81	13.08	13.55	0.47	2482	23	23	1	6342	476	220	6342	13		31
extra areas								11107	833	386	11107	22		
Total Part 1			13.55	55810				153547	11516	5331	153547	307	27	689
SR235	15.94	16.00	0.06	317	48	28	1	1338	100	46	1338	3		4
SR235	16.00	16.94	0.94	4963	28	25	1	14614	1096	507	14614	29		61
SR235	16.94	17.00	0.06	317	25	32	1	1003	75	35	1003	2		4
SR235	17.00	17.84	0.84	4435	32	28	1	14784	1109	513	14784	30		55
SR235	17.84	17.95	0.11	581	28	28	1	1807	136	63	1807	4		7
SR235	17.95	18.17	0.22	1162	28	35	2	4066	305	141	4066	8		
SR235	18.66	18.96	0.30	1584	35	27	2	5456	409	189	5456	11		
SR235	18.96	19.21	0.25	1320	27	25	1	3813	286	132	3813	8		16
extra areas								2942	221	102	2942	6		
Total Part 2			2.78	14678				49823	3737	1730	49823	100	6	147
TOTALS								203369	15253	7061	203370	407	33	836

* NOTE: ESTIMATED QUANTITIES

NOTE: DRAWINGS NOT TO SCALE

NOTE: ALL TOTALS CARRIED TO GENERAL SUMMARY

NOTE: MAILBOX, DRIVES AND INTERSECTION QUANTITIES ARE INCLUDED IN THE EXTRA AREAS

† = VARIABLE

MB = MONUMENT BOX

HAR-81/235-0.00/15.94/18.66

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ROUTE	FROM	TO	DISTANCE		621		642					647					
					RPM REMOVED	RPM	EDGE LINE	CENTERLINE	STOP LINE	CROSSWALK LINE	RAILROAD SYMBOL MARKING	STOP LINE TYPE B	RAILROAD SYMBOL MARKING, TYPE B	SCHOOL SYMBOL MARKING, 96" TYPE B	CHANNELIZING LINE, TYPE B	LANE ARROW TYPE B	WORD ON PAVEMENT, 96" TYPE B
	SLM	SLM	MILES	FEET	EACH	EACH	MILE	MILE	FT	FT	EACH	FT	EACH	EACH	FT	EACH	EACH
FUNDING					FED/ST		FED/ST	FED/ST	ADA	ADA	DUNKIRK	FED/ST	FED/ST	FED/ST	FED/ST	FED/ST	FED/ST
SR81	0.00	2.61	2.61	13781	172	172	5.22	2.61									
SR81	2.61	3.22	0.61	3221			1.22	0.61	30	120							
SR81	3.22	10.25	7.03	37118	464	464	14.06	7.03				45	2				
SR81	10.25	12.53	2.28	12038	150	150	4.56	2.28						2			
SR81	12.53	13.08	0.55	2904			1.1	0.55			2	15					
SR81	13.08	13.55	0.47	2482			0.94	0.47				15					
TOTAL PART 1					787	787	27	14	30	120	2	75	2	2	0	0	0
SR235	15.94	16.00	0.06	317	4	4	0.12	0.06				30			200	2	1
SR235	16.00	16.94	0.94	4963	62	62	1.88	0.94									
SR235	16.94	17.00	0.06	317	4	4	0.12	0.06									0
SR235	17.00	17.84	0.84	4435	55	55	1.68	0.84									
SR235	17.84	17.95	0.11	581			0.22	0.11									
SR235	17.95	18.17	0.22	1162			0.44	0.22		540							
SR235	18.66	18.96	0.30	1584			0.6	0.30	15	520							0
SR235	18.96	19.21	0.25	1320			0.5	0.25	15								
TOTAL PART 2					125	125	6	3	30	1060	0	30	0	0	200	2	1
TOTALS					912	912	33	16	60	1180	2	105	2	2	200	2	1

TRAFFIC CONTROL

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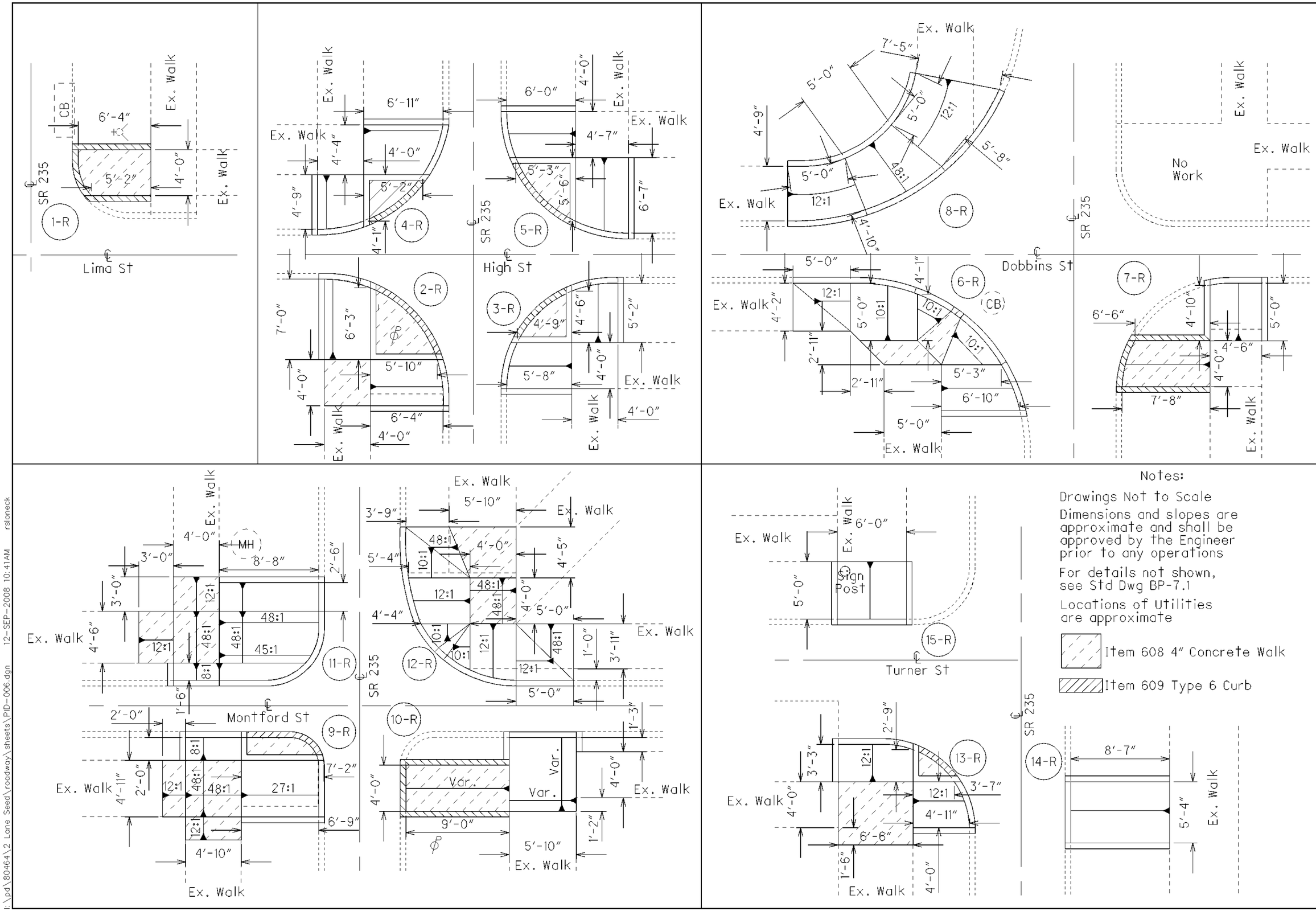

Notes:

Drawings Not to Scale

Dimensions and slopes are approximate and shall be approved by the Engineer prior to any operations

For details not shown, see Std Dwg BP-7.1

Locations of Utilities are approximate

Item 608 4" Concrete Walk

Item 609 Type 6 Curb

CURB RAMP DETAILS

HAR-81/235-0.00/15.94/18.66

6/8

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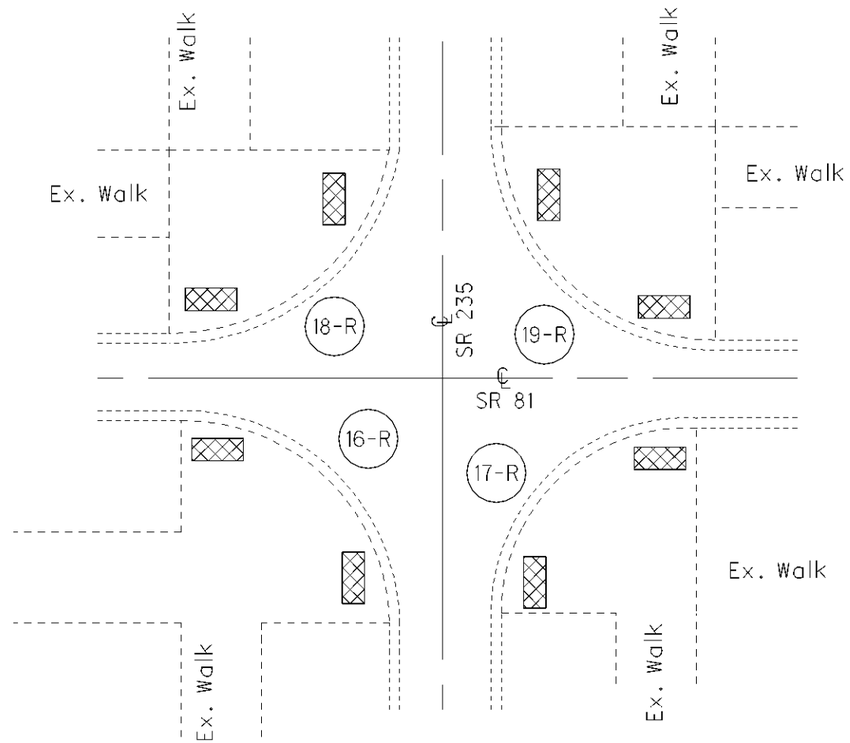

Notes

Drawings Not to Scale

For details not shown, see Std Dwg BP-7.1

Truncated Domes

Ref No.	Route	Side	Estimated Quantities								
			202		608						609
			Walk Removed	Curb Removed	Curb Ramp A1	Curb Ramp A2	Curb Ramp A2	Curb Ramp B2	Walk	Truncated Domes	Curb Type 6
			SF	Feet	SF	Each	SF	SF	SF	Each	Feet
1-R	Lima St	Rt.	0	5	0	1	0	0	24		18
2-R	High St	Lt.	85	19	0	0	69	0	34		9
3-R	High St	Rt.	55	18	0	0	56	0	9		3
4-R	High St	Lt.	58	17	0	0	61	0	8		6
5-R	High St	Rt.	70	18	0	0	68	0	13		7
6-R	Dobbins St	Lt.	84	27	106	0	0	0	18		2
7-R	Dobbins St	Rt.	22	11	0	1	30	0	29		20
8-R	Dobbins St	Lt.	99	24	0	0	0	123	0		0
9-R	Montford St	Lt.	73	19	0	0	57	0	51		8
10-R	Montford St	Rt.	37	12	0	1	40	0	36		23
11-R	Montford St	Lt.	72	21	0	0	91	0	44		0
12-R	Montford St	Rt.	111	25	106	0	0	0	38		0
13-R	Turner St	Lt.	80	13	0	0	52	0	39		4
14-R	Turner St	Rt.	46	6	0	0	57	0	0		0
15-R	Turner St	Lt.	30	7	0	0	39	0	0		0
16-R	SR 81	Lt.								2	
17-7	SR 81	Rt.								2	
18-R	SR 81	Lt.								2	
19-R	SR 81	Rt.								2	
	Totals		922	242	212	3	620	123	343	8	100

CURB RAMP DETAILS AND QUANTITIES

HAR-81/235-0.00/15.94/18.66

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PART 1 TOTAL			PART 2 TOTAL		SUBTOTAL			ITEM	EXTENSION	GRAND TOTAL	UNIT	DESCRIPTION
FED/STATE	100% ADA	100% DUNKIRK	FED/STATE	100% ADA	FED/STATE	100% ADA	100% DUNKIRK					
			922		922			202	30000	922	SQ FT	WALK REMOVED
			242		242			202	32000	242	FT	CURB REMOVED
					50			251	01000	50	SQ YARD	PARTIAL DEPTH PAVEMENT REPAIR
					250			253	02000	250	CU YARD	PAVEMENT REPAIR
153547			49823		203370			254	01000	203370	SQ YARD	PAVEMENT PLANING, ASPHALT CONCRETE
307			100		407			254	01600	407	SQ YARD	PATCHING PLANED SURFACE
27			6		33			304	20000	33	CU YARD	AGGREGATE BASE
11516			3737		15253			407	10000	15253	GALLON	TACK COAT
5331			1730		7061			448	47020	7061	CU YARD	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22
					2			604	39501	2	EACH	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN
			343		343			608	10000	343	SQ FT	4" CONCRETE WALK
			212		212			608	52010	212	SQ FT	CURB RAMP, TYPE A1
			620		620			608	52020	620	SQ FT	CURB RAMP, TYPE A2
			123		123			608	52040	123	SQ FT	CURB RAMP, TYPE B2
54			3		3			608	52120	3	EACH	CURB RAMP, TYPE A2
			8		8			608	53000	8	EACH	TRUNCATED DOMES
			100		100			609	26000	100	FT	CURB, TYPE 6
27.1			11		65			614	12460	65	EACH	WORK ZONE MARKING SIGN
689			5.56		32.66			614	21400	32.66	MILE	WORK ZONE CENTER LINE, CLASS II
787			147		836			617	10101	836	CU YARD	COMPACTED AGGREGATE, AS PER PLAN
787			125		912			621	00100	912	EACH	RPM
27.1			125		912			621	54000	912	EACH	RAISED PAVEMENT MARKER REMOVED
13.55			5.56		32.66			642	00090	32.66	MILE	EDGE LINE
			2.78		16.33			642	00290	16.33	MILE	CENTER LINE
	30			30		60		642	00490	60	FT	STOP LINE
	120			1060		1180		642	00590	1180	FT	CROSSWALK LINE
		2					2	642	00990	2	EACH	RAILROAD SYMBOL MARKING
			200		200			647	18010	200	FT	CHANNELIZING LINE, TYPE B
75			30		105			647	18060	105	FT	STOP LINE, TYPE B
2					2			647	20310	2	EACH	RAILROAD SYMBOL MARKING, TYPE B
2					2			647	20440	2	EACH	SCHOOL SYMBOL SYMBOL MARKING, 96", TYPE B
			2		2			647	20610	2	EACH	LANE ARROW, TYPE B
			1		1			647	20740	1	EACH	WORD ON PAVEMENT, 96", TYPE
								614	11000	LUMP		MAINTAINING TRAFFIC
								624	10000	LUMP		MOBILIZATION