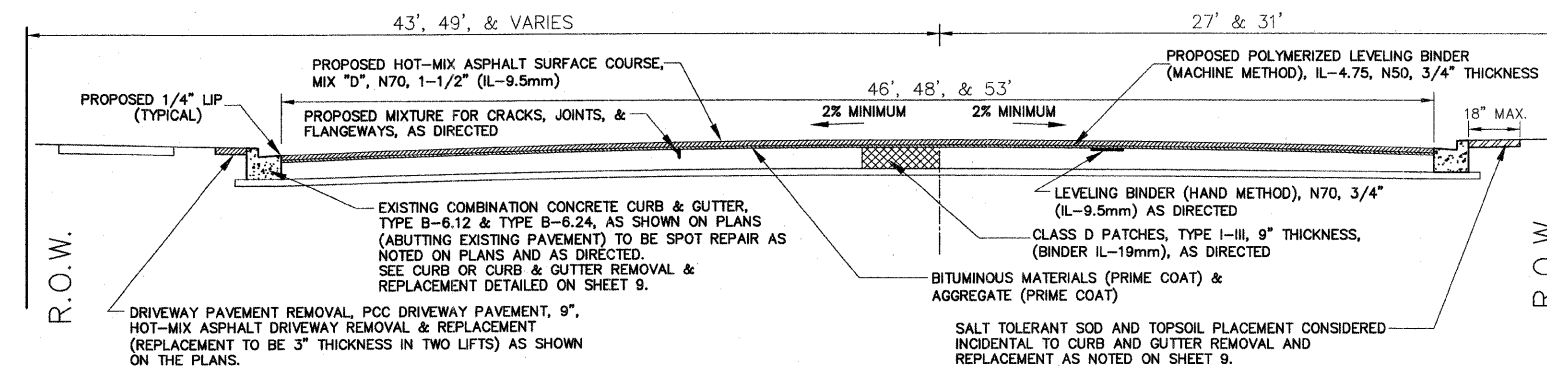
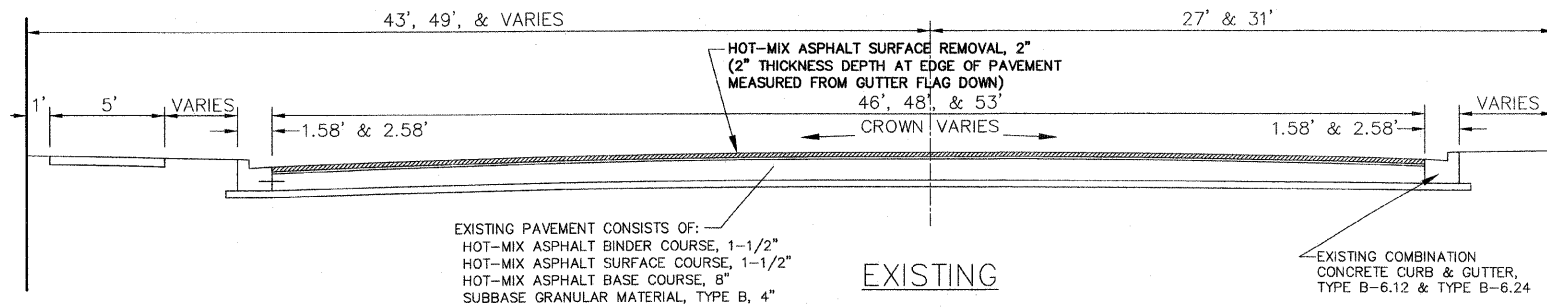
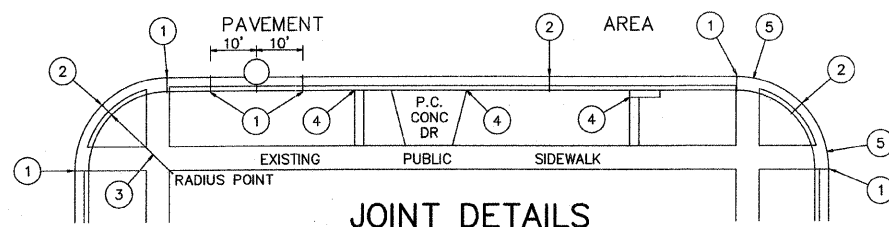


### SUMMARY OF QUANTITIES

CONTRACT NO. 63014



### TYPICAL CROSS SECTIONS LARAMIE AVENUE – PERSHING ROAD TO 35TH STREET



- EXPANSION JOINTS AT TANGENT POINTS AND 150 FOOT INTERVALS, CONSISTING OF ONE INCH PREMOLDED JOINT FILLER MATERIAL WITH #8 DOWEL BARS, 18" IN LENGTH, GREASED, PROVIDE EXPANSION CAP ON ONE END. ALSO CONSTRUCT THIS JOINT TEN FEET EACH SIDE OF PROPOSED UNDERGROUND STRUCTURE.
- CONTRACTION JOINTS AT TWENTY-FIVE FOOT INTERVALS AND AT THE CENTER OF RETURNS.
- ALL RADII SHALL BE 25 FEET TO THE BACK OF CURB UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- LONGITUDINAL EXPANSION JOINT CONSISTING OF ONE INCH PREMOLDED JOINT FILLER.
- DEPRESS CURB AT LOCATIONS WHERE PUBLIC WALKS INTERSECT CURB LINE AT STREET INTERSECTIONS, ALLEYS, AND OTHER LOCATIONS AS DIRECTED, FOR THE CONSTRUCTION OF RAMPED SIDEWALKS FOR ACCESS BY THE HANDICAPPED.

ITEM NO.	DESCRIPTION	UNIT	CONSTRUCTION CODE 1000 QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL.	3,160
40600300	AGGREGATE (PRIME COAT)	TON	31
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	10
40600535	LEVELING BINDER (HAND METHOD), N70	TON	10
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	175
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,370
42300500	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 9 INCH	SQ YD	395
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	430
42400800	DETECTABLE WARNINGS	SQ FT	60
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	15,625
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	395
44000600	SIDEWALK REMOVAL	SQ FT	430
Δ 44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	700
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	25
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	150
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	450
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5
60260100	INLETS TO BE ADJUSTED	EACH	2
Δ 60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	20
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	10
67100100	MOBILIZATION	L SUM	1
Δ 70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,600
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	150
70300220	TEMPORARY PAVEMENT MARKING - LINE, 4"	FOOT	13,300
70300240	TEMPORARY PAVEMENT MARKING - LINE, 6"	FOOT	2,050
70300280	TEMPORARY PAVEMENT MARKING - LINE, 24"	FOOT	340
X0322152	WORK ZONE PAVEMENT MARKING REMOVAL	FOOT	1,300
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	75
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE, 4"	FOOT	6,650
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE, 6"	FOOT	1,025
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE, 24"	FOOT	170
* Δ 88600600	DETECTOR LOOP REPLACEMENT	FOOT	610
Δ X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	655
Δ XX006947	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	65

\* DENOTES SPECIALITY ITEM  
Δ DENOTES SPECIAL PROVISION

### HOT-MIX ASPHALT MIXTURE REQUIREMENT

ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2" THICKNESS (IL-9.5mm)	PG 64-22	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" THICKNESS	SBS/SBR PG 76-28/-22	4% @ 50 GYR
LEVELING BINDER (HAND METHOD), N70, 3/4" THICKNESS (IL-9.5mm)	* PG 64-22	4% @ 70 GYR
<b>DRIVEWAY:</b> HOT-MIX ASPHALT DRIVEWAY REPLACEMENT		
BASE: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", IL-9.5mm, N50, 1-1/2" THICKNESS	PG 64-22	4% @ 50 GYR
SURFACE: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", IL-9.5mm, N50, 1-1/2" THICKNESS	PG 64-22	4% @ 50 GYR
<b>PATCHING:</b>		
CLASS D PATCHES, TYPE I-III, 9" THICKNESS, (BINDER IL-19mm)	* PG 64-22	4% @ 70 GYR

THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.  
\* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	AMS	1/10/08	IDOT COMMENTS

TYPICAL CROSS SECTIONS  
JOINT DETAILS  
SUMMARY OF QUANTITIES  
HOT-MIX MIXTURES REQUIREMENT

PROJECT NO. 05047	SCALE AS NOTED	SHEET 3
DRAWN/DESIGNED JFP/AMS	DATE OCT., 2007	OF 12
CHECKED/APPROVED TPG	FIELD BOOK NO. FILE	SHEETS