

CORE DATA
FOR INFORMATION ONLY

As Constructed

No Revisions:

Revised:

Void:

COLORADO DEPARTMENT OF TRANSPORTATION PRELIMINARY SOIL SURVEY Note: If samples are submitted leave sieve analysis section blank														
										Form #157 Report No. 216955		Sheet No. 1 of 24		
										Project No. STA 0243-084, EL PASO COUNTY LINE EAST ON 24G				
Station and Log	Test No.	Description	Sulfates	Max Size	Percent passing				Liquid Limit	Plastic Index	Classification & Group Index	Moisture %	M _n P.S.I.	
					3"	1"	3/4"	3/8"						#4
B-1 MP 350.93 (01-C)														
0" - 10.5"	1A	HMA - Degraded at 3.5" and below 6"												
10.5" - 13.5"	1B	ABC												
13.5" - 5'	1C	Bulk Sample, Clayey Sand SPT 2.5'-4' Blow count 5/6/4	0.00			100	98	92	71	30	26	13	A-2-6(0)	0.9 4195
B-2 MP 351.00 (02-C)														
0" - 7.75"	2A	HMA												
7.75" - 9.5"	2B	ABC												
9.5" - 5'	2C	Bulk Sample, Clayey Sand to Sandy Clay SPT 2.5'-4' Blow count 3/2/3	0.03			100	97	85	64	29	27	14	A-2-6(1)	1.0 3929
B-3 MP 351.20 (01-C)														
0" - 9"	3A	HMA - Degraded below 5.25"												
N/A	3B	No ABC observed during drilling												
9" - 5'	3C	Bulk Sample, Clayey Sand SPT 2.5'-4' Blow count 4/4/4	0.00			100	98	91	67	24	23	8	A-2-4(0)	0.7 8610
Remarks:														

Original - Staff Materials & Geotechnical. 1st copy - Resident Engineer, 2nd copy - Region Materials Engineer. **2014**
CDOT Form #555-9/03

Print Date: 1/27/2017

File Name: 20-29 Core Data.dgn

Horiz. Scale: 1:100

Vert. Scale: As Noted

Unit Information

Unit Leader Initials

Designer: J.D. MILLER

Detailer: J.D. MILLER

Sheet Subset: ROADWAY

CORE DATA



Region: 04

Unit Leader: TAM

Sheet: 1 of 10

Project No./Code

STA 0243-087

20856

Sheet Number

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CORE DATA
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COLORADO DEPARTMENT OF TRANSPORTATION PRELIMINARY SOIL SURVEY Note: If samples are submitted leave sieve analysis section blank														
											Form #157 Report No. 216955	Sheet No. 2 of 24		
											Project No. STA 0243-084, EL Paso County Line East on 24G			
Station and Log	Test No.	Description	Sulfates	Max Size	Percent passing					Liquid limit	Plastic Index	Classification & Group Index	Mois- ture %	M _r P.S.I.
					3"	1"	3/4"	3/8"	#4	#10	#40	#200		
B-4 MP 351.40 (02-C)														
0" - 9.5"	4A	HMA- Dergraded 5"												
9.5" - 11"	4B	ABC												
11" - 4'	4C	Bulk Sample, Clayey, Gravelly Sand	0.03		100	96	83	58	25	28	15	A-2-6(0)	0.9	3929
4' - 5'	4D	Bulk Sample (Comb. w/5D,6D)-Clay	0.00		100	99	95	84	42	28	15	A-6(4)	2.1	3126
		SPT 2.5'-4' Blow count 3/4/5												
B-5 MP 351.60 (01-C)														
0" - 9.75"	5A	HMA- Dergraded below 2.25"												
9.75" - 10.5"	5B	ABC												
10.5" - 3'	5C	Bulk Sample (Comb. w/6C) -Clay/Sand	0.03											
3' - 5'	5D	Bulk Sample (Comb. w/4D)- Similar to 4D												
		SPT 2.5'-4' Blow count 3/2/2												
B-6 MP 351.80 (02-C)														
0" - 9"	6A	HMA- Dergraded below 2"												
9" - 12"	6B	ABC												
1' - 4.5'	6C	Bulk Sample (Comb. w/5C) - Similar to 5C												
4.5' - 5'	6D	Similar to 4D												
		SPT 2.5'-4' Blow count 3/2/2												
Remarks:														

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Print Date: 1/27/2017	CORE DATA	Project No./Code
File Name: 20-29 Core Data.dgn		STA 0243-087
Horiz. Scale: 1:100		20856
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Unit Information		21
Unit Leader Initials	Sheet Subset: ROADWAY	Sheet: 2 of 10

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COLORADO DEPARTMENT OF TRANSPORTATION PRELIMINARY SOIL SURVEY Note: If samples are submitted leave sieve analysis section blank													
Station and Log	Test No.	Description	Sulfates	Max Size	Percent passing					Liquid limit	Plastic Index & Group Index	Mois- ture %	M _r P.S.I.
					3"	1"	3/4"	3/8"	#4				
B-7 MP 352.00 (01-C)													
0" - 5"	7A	HMA- Degraded below 4"											
5" - 11"	7B	ABC											
11" - 4.5'	7C	Similar to 5C											4060
4.5' - 5'	7D	Similar to 4D											3126
		SPT 2.5'-4' Blow count 22/2											
B-8 MP 352.20 (02-C)													
0" - 10.5"	8A	HMA- Degraded below 6.5"											
10.5" - 12.75"	8B	ABC											
1.75' - 3.5'	8C	Similar to 5C											4060
3.5' - 5'	8D	Similar to 4D											3126
		SPT 2.5'-4' Blow count 22/2 SPT 3'-6.5' Blow Count 3/3/5											
B-9 MP 352.40 (01-C)													
0" - 12"	9A	HMA											
12" - 14.5"	9B	ABC											
14.5" - 3.5'	9C	Bulk Sample, Clayey Sand to Sandy Clay	0.16										
		SPT 2.5'-4' Blow count 3/2/2											
Remarks:													

2014
DOT Form #555 9/03

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Print Date: 1/27/2017

File Name: 20-29 Core Data.dgn

Horiz. Scale: 1:100

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Unit Information

Unit Leader Initials

Designer: J.D. MILLER

Detailer: J.D. MILLER

Sheet Subset: ROADWAY



Region: 04

Unit Leader: TAM

Sheet: 3 of 10

Project No./Code

STA 0243-087

20856

Sheet Number

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COLORADO DEPARTMENT OF TRANSPORTATION PRELIMINARY SOIL SURVEY Note: If samples are submitted leave sieve analysis section blank														
Form #157 Report No. 210955 Project No. STA 0243-084, EL PASO COUNTY LINE EAST ON 24G										Sheet No. 4 of 24				
Station and Log	Test No.	Description	Sulfates	Max Size	Percent passing					Liquid limit	Plastic Index	Classification & Group Index	Mois- ture %	M _n P.S.I.
					3"	1"	3/4"	3/8"	#4					
B-10 MP 352.60 (02-C)														
0" - 8.5"	10A	HMA- Dergraded below 3"												
8.5" - 10.5"	10B	ABC												
10.5" - 5'	10C	Similar to 9C									A-2-6(2)		4060	
		SPT 2.5'-4' Blow count 2/2/2												
B-11 MP 352.80 (01-C)														
0" - 9.75"	11A	HMA- Dergraded below 4.5"												
9.75" - 12"	11B	ABC												
1' - 4.5'	11C	Similar to 9C												
4.5' - 5'	11D	Bulk Sample (Comb. w/15D) -Clay	0.00						100	96	86	54	41	26
		SPT 2.5'-4' Blow count 2/2/2												
B-12 MP 353.00 (02-C)														
0" - 10.5"	12A	HMA- Dergraded below 4.75"												
N/A	12B	No ABC observed during drilling												
10.5" - 5'	12C	Bulk Sample, Clay with Sand	0.00						100	97	87	68	32	28
		SPT 2.5'-4' Blow count 3/3/2												
Remarks:														

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Print Date: 1/27/2017

File Name: 20-29 Core Data.dgn

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Unit Information

Unit Leader Initials

Designer: J.D. MILLER

Detailer: J.D. MILLER

Sheet Subset: ROADWAY

CORE DATA



Region: 04

Unit Leader: TAM

Sheet: 4 of 10

Project No./Code

STA 0243-087

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Sheet Number

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COLORADO DEPARTMENT OF TRANSPORTATION PRELIMINARY SOIL SURVEY													
Note: If samples are submitted leave sieve analysis section blank										Form #157 Report No. 216955	Sheet No. 5 of 24		
Project No. STA 0243-084, EL Paso County Line East on 24G													
Station and Log	Test No.	Description	Sulfates	Max Size	Percent passing				Liquid Limit	Plastic Index	Classification & Group Index	Moisture %	M _a P.S.I.
					3"	1"	3/4"	3/8"					
B-13 MP 333.20 (01-C)													
0" - 11.75"	13A	HMA - Degraded below 5.5"											
11.75" - 14.5"	13B	ABC											
14.5" - 5'	13C	Bulk Sample, Clayey Sand	0.00										
		SPT 2.5'-4' Blow count 3/3/4											8610
B-14 MP 353.40 (02-C)													
0" - 13.5"	14A	HMA - Degraded below 6.75"											
13.5" - 14.5"	14B	ABC											
14.5" - 5'	14C	Similar to 13C											
		SPT 2.5'-4' Blow count 3/5/5											8610
B-15 MP 353.60 (01-C)													
0" - 5.25"	15A	HMA											
5.25" - 7.5"	15B	ABC											
7.5" - 2'	15C	Bulk Sample (Comb. w/17C) - Clayey, Gravelly Sand	0.00										
2' - 5'	15D	Bulk Sample (Comb. w/11C) Similar to 11D											
		SPT 2.5'-4' Blow count 2/2/3											
Remarks:													

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Print Date: 1/27/2017	CORE DATA  DEPARTMENT OF TRANSPORTATION	Project No./Code
File Name: 20-29 Core Data.dgn		STA 0243-087
Horiz. Scale: 1:100		20856
Vert. Scale: As Noted	Designer: J.D. MILLER	Region: 04
Unit Information	Detailer: J.D. MILLER	Unit Leader: TAM
Unit Leader Initials	Sheet Subset: ROADWAY	Sheet: 5 of 10
		Sheet Number 24

CORE DATA
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COLORADO DEPARTMENT OF TRANSPORTATION PRELIMINARY SOIL SURVEY Note: If samples are submitted leave sieve analysis section blank														
Station and Log	Test No.	Description	Sulfates	Max Size	Percent passing					Liquid limit	Plastic Index	Classification & Group Index	Moisture %	M _r P.S.I.
					3"	1"	3/4"	3/8"	#4					
B-16 MP 353.80 (02-L-WP)														
0" - 13.25"	16A	HMA- Dergraded below 5"												
13.25" - 15"	16B	ABC												
15" - 5'	16C	Bulk Sample, Sandy Clay	0.00					100	98	93	79	48	37	23
		SPT 2.5'-4' Blow count 2/4/4												2.1
B-17 MP 354.00 (01-C)														
0" - 12"	17A	HMA- Dergraded below 5"												
12" - 14"	17B	ABC												
14" - 5'	17C	Bulk Sample (Comb. w/15C) Similar to 15C												
		SPT 2.5'-4' Blow count 6/5/4												4195
B-18 MP 354.20 (02-C)														
0" - 11.75"	18A	HMA-Degraded below 6.5"												
11.75" - 14"	18B	ABC												
14" - 5'	18C	Similar to 15C												
		SPT 2.5'-4' Blow count 8/6/6												4195
Remarks:														

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CDOT Form #555 5/03

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Print Date: 1/27/2017

File Name: 20-29 Core Data.dgn

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Unit Information

Unit Leader Initials

Designer: J.D. MILLER

Detailer: J.D. MILLER

Sheet Subset: ROADWAY



Region: 04

Unit Leader: TAM

Sheet: 6 of 10

Project No./Code

STA 0243-087

20856

Sheet Number

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COLORADO DEPARTMENT OF TRANSPORTATION PRELIMINARY SOIL SURVEY Note: If samples are submitted leave sieve analysis section blank																
Station and Log	Test No.	Description	Sulfates	Max Size	Percent passing				Liquid limit	Plastic Index	Classification & Group Index	Mois- ture % P.S.I.				
					3"	1"	3/4"	3/8"					#4	#10	#40	#200
B-19 MP 354.40 (01-C)																
0" - 5.75"	19A	HMA- Degraded between 2.5"-4"														
5.75" - 8"	19B	ABC														
8" - 5'	19C	Similar to 15C								A-2-6(0)		4195				
		SPT 2.5'-4' Blow count 8/5/3														
B-20 MP 354.60 (02-C)																
0" - 10.5"	20A	HMA- Degraded 2.5"-3.5" and below 6.25"														
10.5" - 15"	20B	ABC														
15" - 5'	20C	Similar to 15C								A-2-6(0)		4195				
		SPT 2.5'-4' Blow count 7/7/5														
B-21 MP 354.80 (01-C)																
0" - 13.25"	21A	HMA- Degraded 2" -3"														
13.25" - 15.5"	21B	ABC														
15.5" - 5'	21C	Bulk Sample, ClayeySand	0.03					100	98	83	33	22	7	A-2-4(0)	0.9	5104
		SPT 2.5'-4' Blow count 4/3/2														
Remarks:																

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Print Date: 1/27/2017

File Name: 20-29 Core Data.dgn

Horiz. Scale: 1:100

Vert. Scale: As Noted

Unit Information

Unit Leader Initials

Designer: J.D. MILLER

Detailer: J.D. MILLER

Sheet Subset: ROADWAY



Region: 04

Unit Leader: TAM

Sheet: 7 of 10

Project No./Code

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20856

Sheet Number

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COLORADO DEPARTMENT OF TRANSPORTATION PRELIMINARY SOIL SURVEY														
Form #157 Report No. 216955 Project No. STA 0243-084, EL PASO COUNTY LINE EAST ON 24G										Sheet No. 8 of 24				
Station and Log	Test No.	Description	Sulfates	Max Size	Percent passing				Liquid limit	Plastic Index	Classification & Group Index	Moisture %	M _p P.S.I.	
					3"	1"	3/4"	3/8"						#4
B-22 MP 355.00 (02-C)														
0" - 11.5"	22A	HMA - Dergraded below 6"												
N/A	22B	No ABC observed during drilling												
11.5" - 5"	22C	Bulk Sample, Clayey Sand	0.00			100	97	87	70	39	31	18	A-G(3)	1.6 3025
		SPT 2.5'-4' Blow count 3/2/2												
B-23 MP 355.20 (01-C)														
0" - 8.25"	23A	HMA - Dergraded below 3"												
N/A	23B	No ABC observed during drilling												
8.25" - 5"	23C	Bulk Sample, Clayey Sand	0.00			100	97	90	71	30	NV	NP	A-2-4(0)	1.2 4060
		SPT 2.5'-4' Blow count 3/3/3												
B-24 MP 355.40 (02-C)														
0" - 10.75"	24A	HMA - Dergraded below 3"												
10.75" - 12"	24B	ABC												
1' - 5'	24C	Bulk Sample, Sandy Clay	0.00			100	99	93	79	40	27	13	A-6(1)	1.5 4060
		SPT 2.5'-4' Blow count 2/3/2												
Remarks:												2014		

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Print Date: 1/27/2017	CORE DATA  DEPARTMENT OF TRANSPORTATION	Project No./Code
File Name: 20-29 Core Data.dgn		STA 0243-087
Horiz. Scale: 1:100		20856
Vert. Scale: As Noted	Region: 04	Sheet Number 27
Unit Information	Unit Leader: TAM	
Unit Leader Initials	Sheet Subset: ROADWAY	

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COLORADO DEPARTMENT OF TRANSPORTATION PRELIMINARY SOIL SURVEY Note: If samples are submitted leave sieve analysis section blank													
Station and Log	Test No.	Description	Sulfates	Max Size	Percent passing				Liquid limit	Plastic Index	Classification & Group Index	Mois- ture %	M _n P.S.I.
					3"	1"	3/4"	3/8"					
B-25 MP 355.60 (01-C)													
0" - 10.75"	25A	HMA											
N/A	25B	No ABC observed during drilling											
10.75" - 5'	25C	Similar to 23C								A-2-4(0)			4060
		SPT 2.5'-4' Blow count 3/2/2											
B-26 MP 355.80 (02-C)													
0" - 12.25"	26A	HMA											
12.25" - 14"	26B	ABC											
14" - 5'	26C	Similar to 23C								A-2-4(0)			4060
		SPT 2.5'-4' Blow count 3/3/3											
B-27 MP 356.00 (01-C)													
0" - 12.75"	27A	HMA- Degraded below 2.5"											
12.75" - 15"	27B	ABC											
15" - 5'	27C	Similar to 23C								A-2-4(0)			4060
		SPT 2.5'-4' Blow count 3/2/2											
Remarks:													

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CDOT Form #555 9/03

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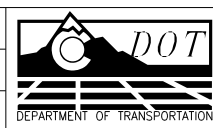
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Print Date: 1/27/2017
 File Name: 20-29 Core Data.dgn
 Horiz. Scale: 1:100
 Vert. Scale: As Noted
 Unit Information
 Unit Leader Initials

Designer: J.D. MILLER
 Detailer: J.D. MILLER
 Sheet Subset: ROADWAY



Region: 04
 Unit Leader: TAM
 Sheet: 9 of 10

Project No./Code
 STA 0243-087
 20856
 Sheet Number 28

CORE DATA
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COLORADO DEPARTMENT OF TRANSPORTATION PRELIMINARY SOIL SURVEY Note: If samples are submitted leave sieve analysis section blank													
Form # 157 Report No. 216955		Sheet No. 10 of 24											
Project No. STA 0243-084, EL Paso County Line East on 24G													
Station and Log	Test No.	Description	Sulfates	Max Size	Percent passing				Liquid limit	Plastic Index	Classification & Group Index	Mois- ture %	M _s P.S.I.
					1"	3/4"	3/8"	#4					
B-28 MP 356.20 (02-C)													
0" - 7.5"	28A	HMA-Degraded from 2.5" - 4.5"											
7.5" - 8.5"	28B	No ABC observed during drilling											
8.5" - 5'	28C	Similar to 23C								A-2-4(0)		4060	
		SPT 2.5'-4' Blow count 3/3/3											
B-29 MP 356.40 (01-C)													
0" - 12"	29A	HMA-Degraded below 6"											
12" - 16"	29B	ABC											
16" - 5'	29C	Bulk Sample, Clayey Sand	0.00										
		SPT 2.5'-4' Blow count 3/3/4											
B-30 MP 356.60 (02-C)													
0" - 10.5"	30A	HMA- Degraded below 5"											
10.5" - 12"	30B	ABC											
1' - 5'	30C	Similar to 29C											
		SPT 2.5'-4' Blow count 2/2/2											
Remarks:													

2014

CDOT Form #555 9/03

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Print Date: 1/27/2017

File Name: 20-29 Core Data.dgn

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Unit Information

Unit Leader Initials

Designer: J.D. MILLER

Detailer: J.D. MILLER

Sheet Subset: ROADWAY



Region: 04

Unit Leader: TAM

Sheet: 10 of 10

Project No./Code

STA 0243-087

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