

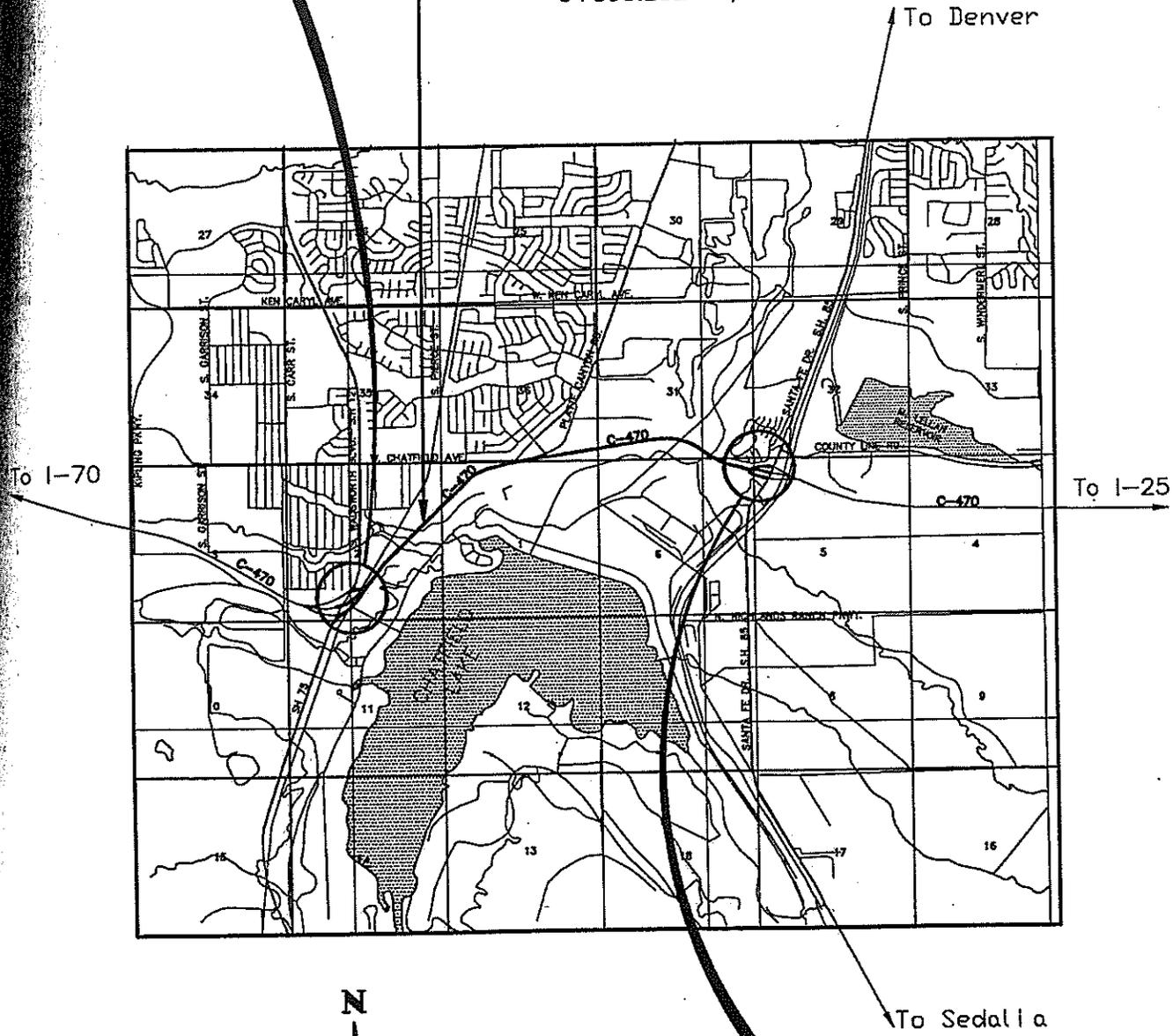
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MP 13.864

Sta. 23+323.171 BEGIN Project NHS 4701-085 =
 Sta. 23+323.171 on Project IXFU 470-1(42)

Sta. Eq. $\frac{23+993.902 \text{ Bk, C-470}}{9+858.232 \text{ Ah, SH 75}} =$



Sta. Eq. $\frac{14+177.954 \text{ Ah, END Project NHS 4701-085}}{28+246.951 \text{ Bk, on Project IXFU 470-1(10)}} =$
 MP 16.949

COMPLETION 11/23/98

SA 11595

Computer File Information				Project Location Map		Project No./Code	
Creation Date:	09/05/96	Initials:	BMC			NHS 4701-085	
Last Modification Date:	03/18/97	Initials:	BMC			11595	
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Acad Ver.	R12	Scale:	Units:	METRIC	Sheet Subset:	XXXXX	Sheet of XX
						Sheet Number	2

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TABULATION OF LENGTH

LOCATION ON 470	ROADWAY		
	LIN. FT.	m	km
Sta. 23+323.171 BEGIN Project NHS 4701-085 = Sta. 23+323.171 on Project IXFU 470-1(42) M.P. 13.866	34.0	10.37	0.0104
Sta. 23+333.543 Begin Structures Str. Nos. F-16-MG Wadsworth Blvd. F-16-MH	299.5	91.31	0.0913
Sta. 23+424.857 End Structures	1 866.5	569.05	NHS 0.5691
Equation $\frac{\text{Sta. 23+993.902 BK, C-470}}{\text{Sta. 9+858.232 AH, SH-75}} =$	815.0	248.48	0.2485
Sta. 10+106.707 Str. No. F-16-HY , Massey Draw CBC	11 264.5	3 434.30	3.4343
Sta. 13+541.006 Begin Structures Str. Nos. F-16-HW South Platte River F-16-HV	171.0	52.13	0.0521
Sta. 13+593.140 End Structures	1 918.2	584.81	0.5848
Equation $\frac{\text{Sta. 14+177.954 BK, END Project NHS 4701-085}}{\text{Sta. 28+246.951 AH, Begin Project IXFU 470-1(10)}}$ Begin Concrete Pavement , M.P. 16.92			
TOTAL	16 368.7	4 990.45	4.9905
SUMMARY	<u>LIN. FT.</u>	<u>m</u>	<u>km</u>
ROADWAY NET LENGTH	16 368.7	4 990.45	4.9905
PROJECT GROSS AND NET LENGTH	16 368.7	4 990.45	4.9905

Computer File Information			Tabulation of Length		Project No./Code	
Creation Date:	09/09/96	Initials: BMC			NHS 4701-085	
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Acad Ver. R 12	Scale:	Units:	Sheet Subset:	Sheet: XX of XX		

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DESCRIPTION OF PROJECT

This project is located on C-470, from Santa Fe Dr. to Wadsworth Blvd. This project consists of placing 50 mm of HBP (Gr S)(ASPH)(96)(PG 76-28) and Geotextile (Paving) on the Eastbound and Westbound lanes, with 13 mm of planing below the wheel ruts. The HBP shall be placed in accordance with the typical sections and as directed by the Engineer.

The net length of the project is approximately 4.99 Kilometers. It extends from (Sta. 23+323.171) C-470 West of the Wadsworth structures, Easterly to the concrete joint at approximately 25 m West of the Santa Fe structures (Sta. 14+177.954). The overlay also includes the ramps on the West side of Santa Fe, and the ramps on the East side of Wadsworth.

The depth of planing on structures F-16-HW, F-16-HV, F-16-HY, F-16-MG and F-16-MH will be 50 mm. The overlay on the above structures shall consist of a single 50 mm lift of HBP (Gr S)(ASPH)(96)(PG 76-28).

This project also includes a 3.6 m widening of the acceleration and deceleration lanes on C-470, for the Platte Canyon Road intersection. The widening extends from Sta. 11+165.000 to Sta. 11+990.000. The widening shall consist of 5 lifts (90 mm, 80 mm, 70 mm, 70 mm, 50 mm) of HBP (GR S)(ASPH)(96)(PG 76-28) for a total thickness of 360 mm. Conventional highway lighting, consisting of 11 HPS Luminaires, will be installed along the acceleration and deceleration lanes of the Platte Canyon Road intersection.

1000 Metric Tons of planed material will be salvaged and delivered to the CDOT Blakeland Maintenance Yard at 8400 S. Santa Fe Drive.

Prior to placing the overlay, the following work shall be completed in compliance with plan details and as directed by the Engineer:

1. Removal of Asphalt Material (Planing) shall be immediately followed by the removal of the fine planed material, utilizing a sufficient number of pickup type brooms. Failure to clean the roadway adequately will result in suspension of the work. Work shall not be resumed until the Engineer has approved the Contractor written description of the method proposed. The cost of brooming shall be included in the cost of planing.
2. Excavate broken and/or soft areas of pavement to a depth of 360mm below the finished grade as shown in the typical sections, compact the subgrade, and replace with HBP (patching)(asphalt)(PG 64-22) as directed by the Engineer.
3. A tack coat of diluted (1 part emulsified asphalt/1 part water) Emulsified Asphalt (slow-setting) shall be applied to the full width of the overlay, after planing and cleaning of the surface, prior to paving. The overlay will be feathered to match existing slopes as directed by the Engineer.

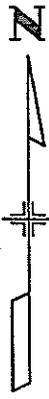
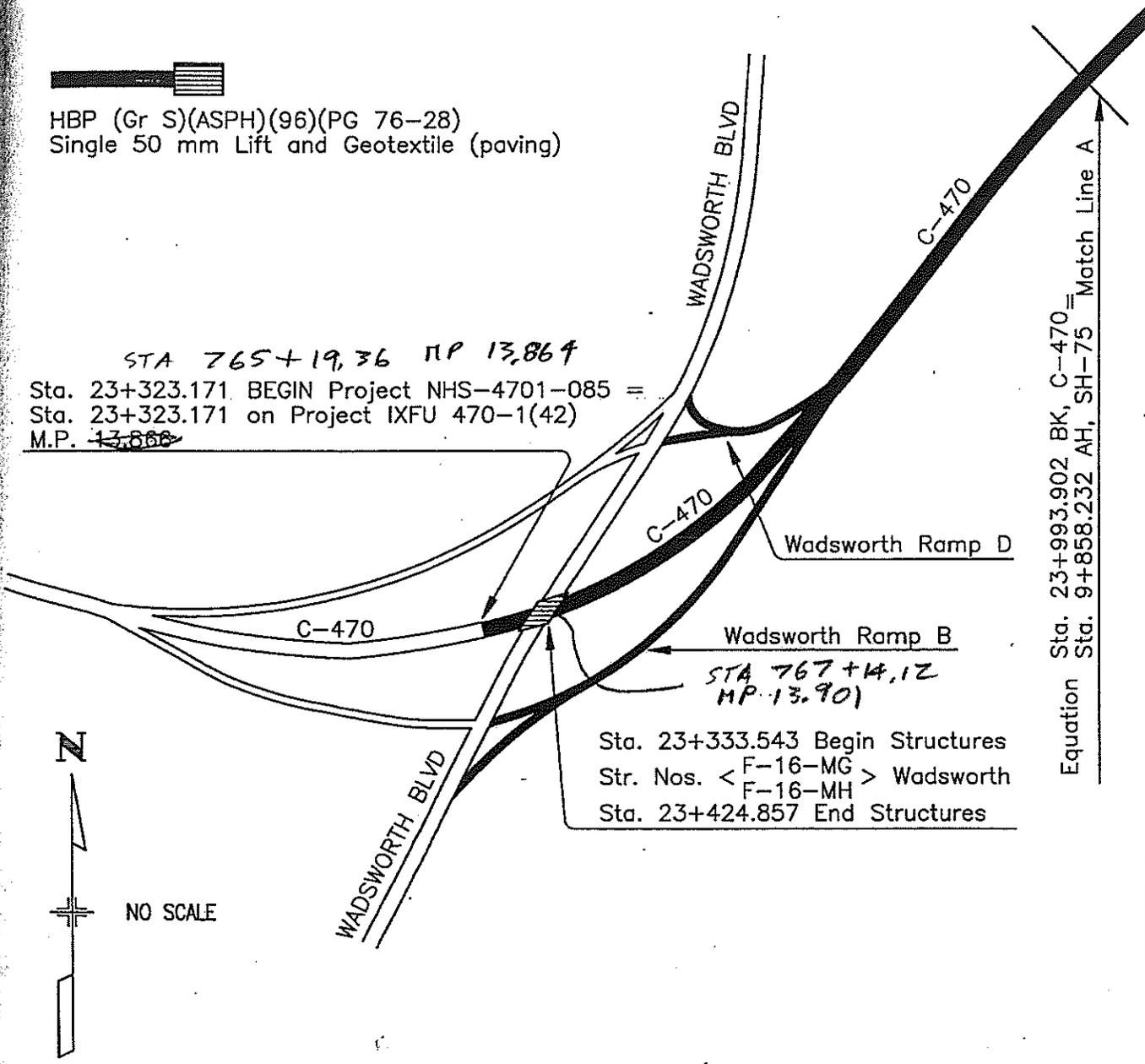
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PAVING LEGEND, C-470



HBP (Gr S)(ASPH)(96)(PG 76-28)
Single 50 mm Lift and Geotextile (paving)



NO SCALE

Computer File Information				Paving Legend		Project No./Code	
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Last Modification Date:	04/15/97	Initials:	BMC	Designer:	GTP	Region:	6
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PAVING LEGEND, C-470

As Constructed

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HBP (Gr S)(ASPH)(96)(PG 76-28)
Single 50 mm Lift and Geotextile (Paving)

Match Line B
Sta. 11+158.537

Area of Unclassified Excavation,
Regrade to provide proper guardrail
height. Sta. 10+640± MED



NO SCALE

Sta. 10+106.707 Str. No. F-16-HY
Massey Draw CBC

Match Line A Equation Sta. 23+993.902 BK, C-470 =
Sta. 9+858.232 AH, SH-75

Computer File Information

Creation Date: 09/30/96 Initials: BMC
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Road Ver. R12 Scale: Units: METRIC

Paving Legend

Designer: GTP
Detailer: BMC
Sheet Subset: XXXXX



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Sheet Number

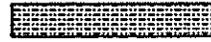
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PAVING LEGEND, C-470

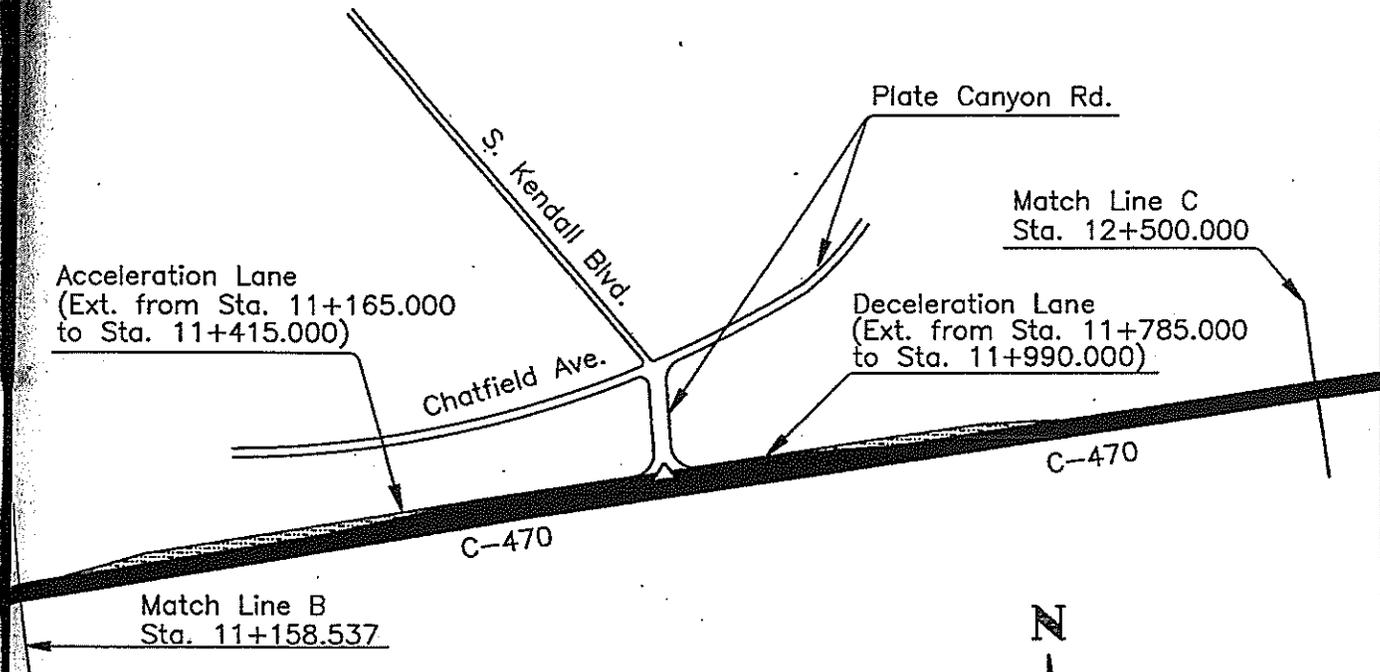
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Revised:	mm/dd/yy
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HBP (Gr S)(ASPH)(96)(PG 76-28)
Single 50 mm Lift and Geotextile (Paving)



HBP (Gr S)(ASPH)(96)(PG 76-28)
Five Lifts, 360 mm Total
Widening/Extension of Platte Canyon
Acceleration / Deceleration Lanes



NO SCALE

Computer File Information				Paving Legend		Project No./Code	
Creation Date:	09/30/96	Initials:	BMC			NHS 4701-085	
Last Modification Date:	04/15/97	Initials:	BMC	11595			
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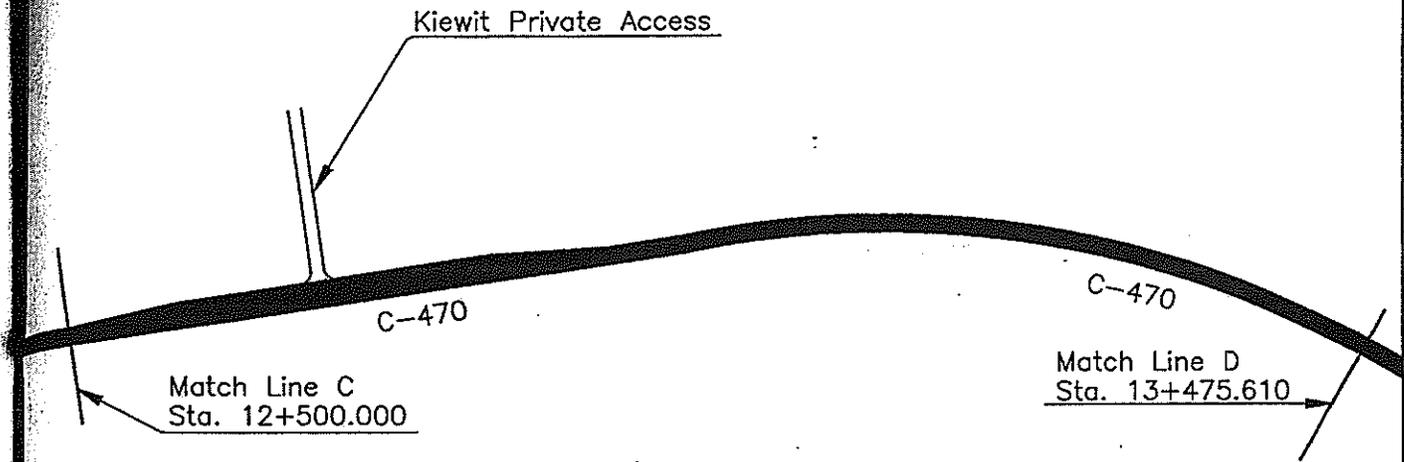


PAVING LEGEND, C-470

As Constructed	
No Revisions:	mm/dd/yy
Revised:	mm/dd/yy
Void:	mm/dd/yy



HBP (Gr S)(ASPH)(96)(PG 76-28)
Single 50 mm Lift and Geotextile (Paving)

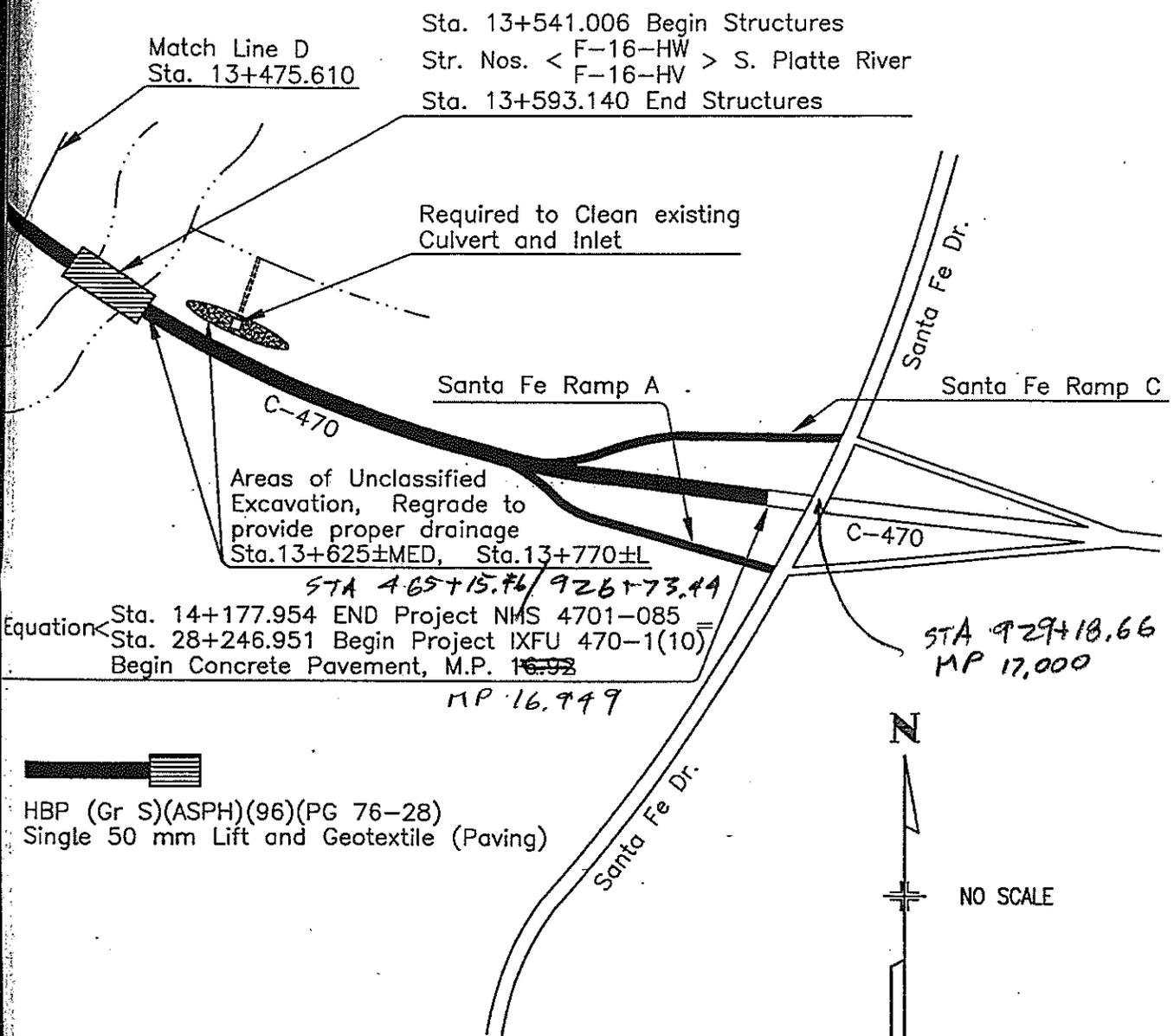


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PAVING LEGEND, C-470

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 HBP (Gr S)(ASPH)(96)(PG 76-28)
Single 50 mm Lift and Geotextile (Paving)

Computer File Information				Paving Legend		Project No./Code	
Creation Date:	09/30/96	Initials:	BMC			NHS 4701-085	
Last Modification Date:	04/15/97	Initials:	BMC			11595	
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Lead Ver.	R12	Scale:	Units:	METRIC	Sheet Subset:	XXXXX	Sheet: XX of XX
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TYPICAL SECTIONS (NOT TO SCALE)

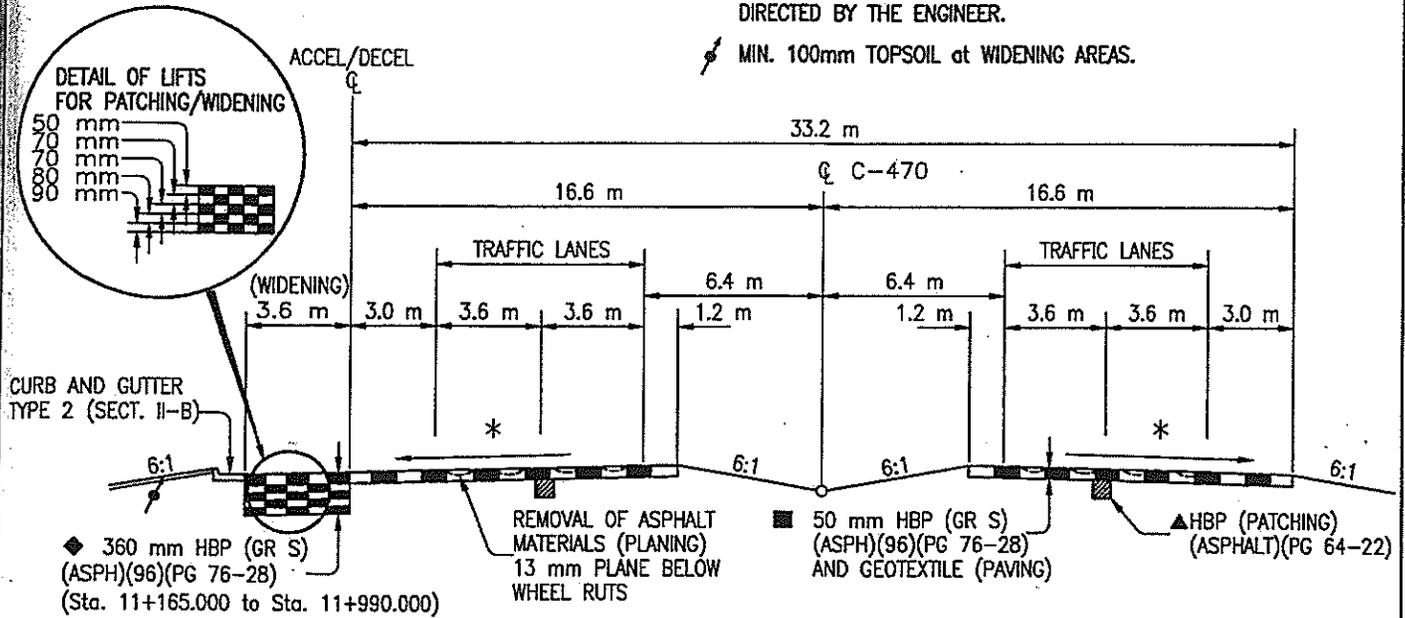
■ HBP (GR S)(ASPH)(96)(PG 76-28) FOR OVERLAYING ONE LIFT 50 mm DEPTH (APPROXIMATE), AND GEOTEXTILE (PAVING). AT LOCATION AS DIRECTED BY THE ENGINEER.
VARIABLE LEVELING - AS A SEPERATE OPERATION

◆ HBP (GR S)(ASPH)(96)(PG 76-28) FOR WIDENING AT PLATTE CANYON RD. (STA. 11+165.000 TO STA. 11+990.000) 360 mm DEPTH, FIVE LIFTS: 90 mm, 80 mm, 70 mm, 70 mm, 50 mm. DEPTH OF WIDENING IS APPROXIMATE.

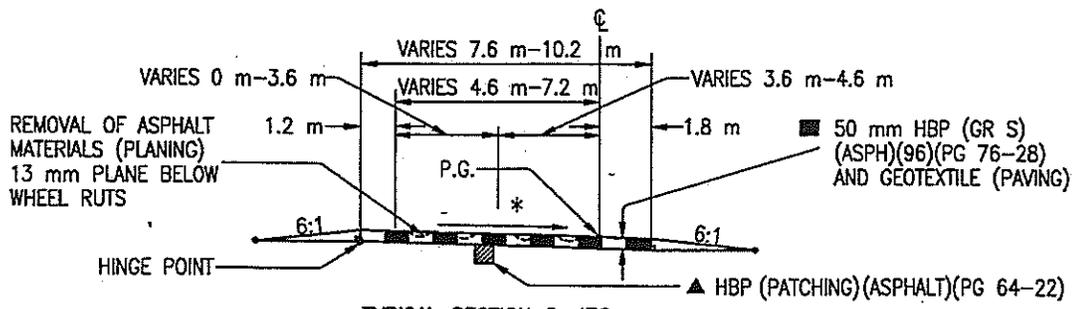
▲ HBP (PATCHING)(ASPHALT)(PG 64-22) 360 mm DEPTH FIVE LIFTS: 90 mm, 80 mm, 70 mm, 70 mm, 50 mm. DEPTH OF PATCHING IS APPROXIMATE TOTAL DEPTH AND LOCATIONS SHALL BE AS DIRECTED BY THE ENGINEER.

* MATCHING EXISTING CROSS SLOPE

⚡ MIN. 100mm TOPSOIL at WIDENING AREAS.



TYPICAL SECTION C-470
MAINLINE



TYPICAL SECTION C-470
RAMPS

FLEXIBLE PAVEMENT DESIGN CRITERIA FOR OVERLAYING AND WIDENING/PATCHING ON C-470 (MAINLINE AND RAMPS)					
HBP (GR S)(ASPH)(96)(PG 76-28) - FOR OVERLAYING/WIDENING			HBP (PATCHING)(ASPHALT)(PG 64-22) - FOR PATCHING		
CRITERIA	OVERLAY	WIDEN/PATCH	CRITERIA (STRENGTH COEFFICIENTS)	OVERLAY	WIDEN/PATCH
DESIGN LIFE (YEARS)	10	20	OVERALL DEVIATION	0.44	0.44
RELIABILITY (%)	85	95	PSI LOSS	2	2
80 KN E.S.A.L.	3,688,000	8,556,000	R-VALUE DESIGN	34	10
80 KN E.S.A.L. (3 YR.)	966,000		M(R) SUBGRADE (KPa)	599,913	
TOTAL REQ'D STR. NO.	3.87, 50 mm	6.12, 360 mm	E PAVT MODULUS (KPa)	54,600	24,599

Computer File Information

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Last Modification Date:	04/16/97	Initials:	BMC
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		Detailer:	BMC
		Sheet Subset:	

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GENERAL NOTES

1. For preliminary plan quantities of Pavement Materials, the following rates of application were used.

Hot Bituminous Pavement (Gr S)(ASPH)(96)(PG 76-28)	59.674	kg/m ² /25 mm
Hot Bituminous Pavement (Patching)(Asphalt)(PG 64-22)	59.674	kg/m ² /25 mm
Emulsified Asphalt (SS) Tack Coat	0.453	L/m ² (diluted)

Diluted Emulsified Asphalt for tack coat shall consist of 1 part of Emulsified Asphalt and 1 part of Water. Rates of application shall be determined by the Engineer at the time of application.

2. Any layer of Bituminous Pavement that is to have a succeeding layer placed thereon shall be completed full width before each succeeding layer is placed.
3. Depth of Moisture - Density control for this project shall be as follows:
Full depth of all embankment.
Bases of cuts and fills 150 mm.
4. Excavation required for compaction of bases of cuts and fills will be considered as subsidiary to that operation and will not be paid for separately.
5. Type of compaction for this project shall be AASHTO T-99
6. The contractor's attention is directed to paragraph 105.06 of the Standard Specifications concerning Utilities. The contractor will call the Utility Notification Center of Colorado (UNCC) at 534-6700 for utility locations, at least 2 working days, not including day of original contact, prior to any excavation.
7. The contractor shall initiate a request to Public Service Company for any construction-related temporary electrical power sources as soon as possible. In some instances, up to 30 days may be required to provide the sources. The request is to be processed through Public Service Company of Colorado Street Lighting at (303) 571-2505.
8. The contractor shall limit construction activities to those areas within the limits of disturbance and/or toes of slope. Any disturbance beyond these limits shall be restored to original condition by the contractor at his own expense. Construction activities, in addition to normal construction procedures, shall include the parking of vehicles or equipment, disposal of litter, and any action which would alter existing conditions.
9. All roadway sweeping shall be done with a pickup type broom and will not be paid for separately, but shall be included in the work.
10. Unequal vertical edge of more than 50 mm will not be allowed.
11. It is estimated that 350 m³ of Topsoil will be required for this project.
12. One Weight-In-Motion Station will be required for this project, and will be pay for as Lump Sum.

Computer File Information			General Notes		Project No./Code	
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Last Modification Date: 12/10/96	Initials: BMC	11595		Sheet Number 12		
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SUMMARY OF APPROXIMATE QUANTITIES

As Constructed

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INDEX			I T E M	CONTRACT ITEMS	U N I T	PROJECT TOTALS	
B K	P G	S H				PLAN	AS CONST.
			202	REMOVAL OF DELINEATOR	EACH	5	
			202	REMOVAL OF CURB	M	210	
			202	REMOVAL OF CURB AND GUTTER	M	250	
			202	REMOVAL OF ASPHALT MAT (PLANING)	M2	137,202	
			202	REMOVAL OF GROUND SIGN	EACH	14	
			202	REMOVAL OF SIGN PANEL	EACH	7	
			202	REMOVAL OF END ANCHORAGE	EACH	8	
			202	CLEAN CULVERT	EACH	1	
			203	UNCLASSIFIED EXCAVATION (COMPLETE IN PLACE)	M3	1,550	NA
			207	TOPSOIL	M3	350	
			208	EROSION BALES (WEED FREE)	EACH	106	
			210	RESET GROUND SIGN	EACH	4	
			210	RESET END ANCHORAGE	EACH	3	
			210	MODIFY MANHOLE	EACH	1	
			210	MODIFY INLET	EACH	2	
			212	SEEDING (NATIVE)	HA	0.4	
			213	MULCHING (WEED FREE HAY)	HA	0.4	
			213	MULCH TACKIFIER	KG	67.2	
			403	HBP (PATCHING)(ASPHALT)	T	1,000	
			403	HBP (ASPHALT) (3 YEAR WARRANTY)	T	17,375	18,375 - 200
			411	EMULSIFIED ASPHALT (SLOW-SETTING)	L	32,500	
			420	GEOTEXTILE (PAVING)	M2	55,000	
			603	450 MM REINFORCED CONCRETE PIPE	M	6	
			604	INLET TYPE 13 (2 M)	EACH	2	
			606	END ANCHORAGE (SLOTTED RAIL TERMINAL)	EACH	8	NA
			609	CURB AND GUTTER TYPE 2 (SECTION II-B)	M	460	NA
			612	DELINEATOR (TYPE 1)	EACH	5	
			613	50 MM ELECTRICAL CONDUIT (PLASTIC)	M	104	
			613	DIRECT-BURIAL CABLE	M	1,100	
			613	WIRING	L S	1	
			613	LIGHT STANDARD METAL (12.2 METER)	EACH	11	
			613	LIGHT STANDARD FOUNDATION	EACH	11	
			613	SECONDARY SERVICE PEDESTAL	EACH	1	
			613	LUMINAIRE HIGH PRESSURE SODIUM (400 WATT)	EACH	11	
			614	SIGN PANEL (CLASS II)	M2	8	
			614	SIGN PANEL (CLASS III)	M2	103	
			614	TIMBER SIGN POST 140 x 140 MM	M	49	
			614	STEEL SIGN POST (U-3)	M	21	
			614	STEEL SIGN POST (W 250 x 33)	M	28	
			614	CONCRETE FOOTING (TYPE 5)	EACH	4	
			614	PAINT GROUND SIGN	EACH	18	
			614	LOOP DETECTOR WIRE	M	634	
			614	WEIGHT-IN-MOTION STATION	L S	1	
			620	FIELD OFFICE (CLASS 2)	EACH	1	
			620	SANITARY FACILITY	EACH	1	
			625	CONSTRUCTION SURVEYING	L S	1	
			626	MOBILIZATION	L S	1	
			627	PAVEMENT MARKING PAINT	L	908	
			627	THERMOPLASTIC PAVEMENT MARKING	M2	2,082	
			627	PREFORMED PLASTIC PAVEMENT MARKING (TYPE A)	M2	258	
			630	FLAGGING	HOUR	2,000	
			630	TRAFFIC CONTROL SUPERVISOR	DAY	75	
			630	TRAFFIC CONTROL INSPECTION	DAY	35	
			630	FLASHING BEACON (PORTABLE)	EACH	2	
			630	BARRICADE (TYPE 3 M-A)(TEMPORARY)	EACH	2	
			630	CONSTRUCTION TRAFFIC SIGN (PANEL SIZE B)	EACH	39	
			630	CONSTRUCTION TRAFFIC SIGN (SPECIAL)	M2	13	
			630	FLASH ARROW PANEL (C TYPE)	EACH	4	
			630	DRUM CHANNELIZING DEVICE	EACH	150	
			630	TRAFFIC CONE	EACH	350	
				FORCE ACCOUNTS			
			700	F/A MINOR CONTRACT REVISIONS	FA	1	
			700	F/A ON-THE-JOB TRAINEE	EACH	1	
			700	F/A OJT PILOT	FA	1	
			700	F/A QUALITY INCENTIVE PAYMENT (PLANING)	FA	1	
			700	F/A ESB PROGRAM	FA	1	
			700	F/A QUALITY INCENTIVE PAYMENT (SMOOTHNESS)	FA	1	
			700	F/A CRACK FILLING	FA	1	

Computer File Information

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 Acad. Ver. 13 Scale: Units: METRIC

Summary of Approximate Quantities

Designer: GTP
 Detailer: BMC
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Region: 6
 Unit Leader: MA
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As Constructed

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TABULATION OF SURFACING AND PLANING

LOCATION C-470	REMOVAL OF ASPHALT MATERIAL (PLANING)	* H.B.P. (GR S) (ASPH)(96) (PG 76-28) (OVERLAY)	* H.B.P. (GR S)(ASPH)(96)(PG 76-28) (WIDENING) (TON)				
			BOTTOM LAYER	MIDDLE LAYERS			TOP LAYER
	M2	TON	90 mm	80 mm	70 mm	70 mm	50 mm
STA. 23+323.171 TO STATION EQUATION 23+993.902BK = 9+858.232AH	15,481	1,848					
STA. EQUATION 23+993.902 BK = 9+858.232 AH TO STA. 14+177.954	99,706	11,900					
WADSWORTH RAMP D (NE)	5,206	621					
WADSWORTH RAMP B (SE)	7,702	919					
PLATTE CANYON RD. A/D LANES	1,539	184	250	210	190	190	135
KIEWIT ACCESS A/D LANES	833	99					
SANTA FE RAMP C (NW)	3,109	371					
SANTE FE RAMP A (SW)	3,626	433					
SUB - TOTAL	137,202	16,375	250	210	190	190	135
IRREGULARITIES			25				
TOTALS	137,202	16,375		1,000			

NOTES:

* CONTRACTOR SOURCED, AND PAY FOR AS "HBP (ASPHALT)(3 YEAR WARRANTY)"

IT IS ESTIMATED THAT 1,000 TONS OF H.B.P. (PATCHING) (ASPHALT)(PG 64-22) WILL BE REQUIRED FOR THIS PROJECT. THE LOCATIONS WILL BE AS DIRECTED BY THE ENGINEER.

IT IS ESTIMATED THAT 32,500 LITERS OF EMULSIFIED ASPHALT (SLOW-SETTING) WILL BE REQUIRED FOR THIS PROJECT.

IT IS ESTIMATED THAT 55,000 m2 OF GEOTEXTILE (PAVING) WILL BE REQUIRED FOR THIS PROJECT. USING 3/4 OF THE PROJECT LENGTH, FULL WIDTH OF TRAVEL LANES. LOCATION TO BE DETERMINED BY THE ENGINEER.

Computer File Information

Creation Date: 09/09/96 Initials: BMC
 Last Modification Date: 01/21/97 Initials: BMC
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Tabulation of Surfacing and Planing

Designer: GTP
 Detailer: BMC
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Region: 6
 Unit Leader: MA
 Sheet: XX of XX

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11595

Sheet Number

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As Constructed

No Revisions:

Revised:

Void:

SUMMARY OF EARTHWORK

C-470, SANTA FE TO WADSWORTH

INDEX			UNCLASSIFIED EXCAVATION (COMPLETE IN PLACE)	CU. METERS
BOOK	PAGE	SHEET		
			PLATTE CANYON ROAD CROSS SECTIONS (STA. 11+160 - STA. 12+000) INLET GRADING AREA (STA. 13+770± L) MEDIAN GRADING AREA (STA. 10+640± MED, AT SIGN STRUCTURE) MEDIAN GRADING AREA (STA. 13+625± MED, EAST OF THE PLATTE RIVER BRIDGE) TOTAL FOR PAY QUANTITY	1,400 50 50 50 <hr/> 1,550
			EMBANKMENT MATERIAL (FOR INFORMATION ONLY) PLATTE CANYON ROAD CROSS SECTIONS (STA. 11+160 - STA. 12+000) EMBANKMENT MATERIAL FOR END ANCHORAGES (SRT)	300 368 <hr/> 668
			COMPACTION (AASHTO-T99) (FOR INFORMATION ONLY) EMBANKMENT FOR PLATTE CANYON DECEL WIDENING (STA. 11+160 - STA. 12+000) EMBANKMENT MATERIAL FOR END ANCHORAGES (SRT) BASES OF CUTS AND FILLS (STA. 11+165 - STA. 11+415, STA. 11+785 - STA. 11+990)	300 368 865 <hr/> 1,533
			WETTING (FOR INFORMATION ONLY) EMBANKMENT FOR PLATTE CANYON DECEL WIDENING (STA. 11+160 - STA. 12+000) EMBANKMENT MATERIAL FOR END ANCHORAGES (SRT) BASES OF CUTS AND FILLS (STA. 11+165 - STA. 11+415, STA. 11+785 - STA. 11+990)	59 73 172 <hr/> 304
EARTHWORK QUANTITY BALANCE (FOR INFORMATION ONLY)				
			UNCLASSIFIED EXCAVATION (NET) PLATTE CANYON ROAD CROSS SECTIONS (STA. 11+160 - STA. 12+000) INLET GRADING AREA (STA. 13+770± L) MEDIAN GRADING AREA (STA. 10+640± MED, AT SIGN STRUCTURE) MEDIAN GRADING AREA (STA. 13+625± MED, EAST OF THE PLATTE RIVER BRIDGE)	1,400 50 50 50 <hr/> 1,550
			EMBANKMENT MATERIAL (NET) PLATTE CANYON ROAD CROSS SECTIONS (STA. 11+160 - STA. 12+000) EMBANKMENT MATERIAL FOR END ANCHORAGES (SRT)	300 368 <hr/> 668
			EMBANKMENT x 1.15 EMBANKMENT x 1.15	768 <hr/> 768
			BORROW SOURCE EMBANKMENT x 1.15 UNCLASSIFIED EXCAVATION	(-)768 (+)1,550 <hr/> (+)782
			EXCESS MATERIAL UNCLASSIFIED EXCAVATION	(+)782 <hr/> (+)782
			TOTAL	(+)782

† THE MINIMUM 'R' VALUE OF THE EMBANKMENT MATERIAL SHALL BE 10

CALL UTILITY NOTIFICATION
 CENTER OF COLORADO
1-800-922-1987
 OR 534-6700 IN METRO DENVER
 CALL 2-BUSINESS DAYS IN ADVANCE
 BEFORE YOU DIG, GRADE, OR EXCAVATE
 FOR THE MARKING OF UNDERGROUND
 MEMBER UTILITIES.

Computer File Information				Summary of Earthwork		Project No./Code	
Creation Date:	09/09/96	Initials:	BMC			NHS 4701-085	
Last Modification Date:	04/16/97	Initials:	BMC	11595			
Full Path:	c:\brent\470pit\tabew470.dwg			Designer:	GTP	11595	
Drawing File Name:	tabew470.dwg			Detailer:	BMC		
Acad Ver.	R 12	Scale:	Units:	METRIC	Sheet Subset:	16	
				 Region: 6 Unit Leader: MA Sheet: XX of XX			

Oversight / NHS		Other Project Information:		As Constructed	
7777A REGION VIII OVERSIGHT?		P.E. UNDER PROJECT:		No Revisions:	
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Project Number: NHS 4701-085		Revised:	
NATIONAL HIGHWAY SYSTEM?		Project Code: 11595		Void:	
<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Construction Project Name:			
		C-470, SANTA FE TO WADSWORTH BOULEVARD			

DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO
 HIGHWAY CONSTRUCTION BID PLANS OF PROPOSED
 NHS 4701-085
 STATE HIGHWAY NO. 470
 ARAPAHOE, DOUGLAS, AND JEFFERSON COUNTIES
 CONSTRUCTION PROJECT CODE NO. 11595

11/23/98

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<u>C-470 DESIGN TRAFFIC VOLUMES</u>	<u>ADT</u>	<u>DHV</u>	<u>% TRUCKS</u>
PRESENT YEAR, 1997:	51,000	5,100	5
PROJECTED YEAR, 2007:	66,300	6,300	5

Index of Revisions			Contract Information		
			Contractor		
			Resident Engineer		
			Project Engineer		
			PROJECT STARTED		
			ACCEPTED		
			Comments:		
Computer File Information			Index of Sheets		
Revision Date:	09/05/96	Initials: BMC	Project No./Code		
Next Modification Date:	03/25/97	Initials: BMC			
File Path:	c:\brent\470\pj\title470.dwg		NHS 4701-085		
Drawing File Name:	title470.dwg				
Scale:	Units: METRIC	Sheet Subset:	11595		
Sheet Ver. R12					
					
			Region: 6		
			Unit Leader: MA		
			Sheet: _____		
			Sheet Number 1		

RE: ~~Hog A. I.~~
 Hlad/Lokherding
 COLORADO PROJECT NO. NHS 4701-085
 SUBACC #11595

Bid: 312-98LAB

January 30, 1998

Award: ?

Contr: Kiewit-Western COLORADO
 DEPARTMENT OF TRANSPORTATION
 SPECIAL PROVISIONS
 C-470, Santa Fe to Wadsworth

AWARD

Bid: \$1,576,028.00

Days: 75 working

The Standard Specifications for Road and Bridge Construction, dated 1991, controls construction of this project. The following special provisions supplement or modify the Standard Specifications and take precedence over the Standard Specifications and plans.

REQUIRED PROVISIONS ON FEDERAL-AID CONTRACTS - Form FHWA 1273

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 Proj. sht.
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 plans

[GOLDENROD PLAN SHEETS FOLLOW SPECIAL PROVISIONS]