

## **Department of Transportation**

### **Rapid City Region Office**

**2300 Eglin Street**

**P.O. Box 1970**

**Rapid City, SD 57709-1970**

**Phone: 605/394-2244**

**FAX: 605/394-1904**

May 19, 2017

### **ADDENDUM NO. 1**

RE: May 23, 2017 Rapid City Region Office Informal Letting  
NH 0085(00)36, Lawrence County, PCN 0630  
Turn Lane for Highway Service Center at Exit 17

### **TO WHOM IT MAY CONCERN:**

The following addenda to the plans shall be inserted and made part of your proposal for the referenced project.

### **PROPOSAL:**

- No change.

### **PLANS:**

Signing notes and tables were revised. Plans were revised to show chevron pavement marking between thru and turn lanes.

Replace sheets 6,7,15,16,19,20 with attached sheets.

Sincerely,

---

John Rehorst  
Region Design Engineer

TRAFFIC CONTROL – GENERAL NOTES

- Requests to deviate from the sequence of operations shall be submitted in writing to the Engineer for review. Approval of an alternate sequence of operations will only be allowed when the proposed changes meet with the Department's intent for traffic control and sequencing of the work. An alternate sequence shall be submitted for review a minimum of one week prior to potential implementation.
- Unless otherwise stated in these plans, no work will be allowed during hours of darkness.
- Existing guide, route, informational logo, regulatory, warning signs and delineation shall be temporarily reset and maintained during construction as directed by the Engineer. Removing, relocating, salvaging and resetting of the above items shall be the responsibility of the Contractor.
- Non-applicable traffic control devices shall be completely covered or removed during periods of inactivity. Periods of inactivity shall be defined as no work taking place for a period of more than 2 calendar days.
- All regulatory signs shall have a minimum mounting height of 5' in rural locations, even when mounted on portable supports.
- All materials and equipment shall be stored a minimum distance of 30' from the traveled way during nonworking hours.
- The Contractor shall provide installation details at the preconstruction meeting for all breakaway sign support assemblies.
- All haul trucks shall be equipped with a second flashing amber light that is visible from the backside of the haul truck. The costs for the flashing amber lights shall be incidental to the various related contract bid items.
- All construction operations shall be conducted in the general direction of traffic movement.
- If there is a discrepancy between the traffic control plans, standard plates, and the MUTCD – whichever is more stringent shall be used, as determined by the Engineer.
- Temporary Flexible Vertical Markers (Tabs) shall be used for lane closure tapers or lane shift tapers and shall be installed at 5' spacing. Tabs used for tapers and shifts will not be measured for payment. All costs associated to furnish, install, maintain (including replacement as required by the Engineer at no added cost to the Department), and remove all markers will be incidental to the contract lump sum price for Traffic Control, Miscellaneous.

PERMANENT SIGNING

The Contractor shall furnish all signs, posts, stiffeners, bases, hardware, and labor for installation of permanent signs in size, type, and quantity as shown in these plans and/or as required by the Engineer.

All existing signs, posts, and hardware removed as per these plans remain property of the State of South Dakota and shall be transported to the Deadwood Maintenance Yard by the Contractor. The Contractor shall notify the Engineer

two days prior to time of delivery to the Maintenance Yard so correct placement for storage and inventory of materials can be made upon receipt.

The Contractor shall provide all labor and equipment necessary to install permanent signing, remove existing signs, and reset existing signs as detailed in these plans and/or as required by the Engineer. Payment for furnishing and installing permanent signs will be paid for at the contract unit price for each type of sign based on sheeting requirements per square foot of sign. All signs shall have Type IV or Type XI sheeting as noted on the sign detail sheets or these notes. Payment for new signposts, hardware, bases, and labor will be made at the contract unit price per foot for 2" x 2" PERFORATED TUBULAR POST. See breakaway post details regarding posts, hardware, bases, and footings. Measurement of post lengths for payment will be for above ground post lengths as field measured. The sign post contract items shall include post bases and all hardware. The lengths of the posts in the sign tables are approximate lengths only. The post lengths shall be verified by the Contractor. The Contractor is urged to cut posts to length on job site after site by site verification of post length.

The Contractor shall use Telespar brand (or equal) posts and bases on all new standard highway signs as approved by the Engineer. All post materials shall conform to Section 982 of the Standard Specifications, and be in accordance with ASTM specifications.

The length of the post shall not exceed the minimum length needed by more than 0.5 feet. Any portion that extends above the sign shall be cut off. No separate payment will be made for cutting the post or for that length cut off. All posts shall be accompanied by Certificates of Compliance and shall meet all safety standards as set forth in the current edition of the Manual on Uniform Traffic Control Devices.

Locations of all new signs and all relocated signs are shown in the plans for reference only. Final placement of permanent signs will be determined by the Engineer.

PERFORATED TUBE POST

Payment for 2" x 2" perforated tube post shall include all cost for labor, equipment, and materials necessary to complete the following work:

1. Furnish all posts, stiffeners, breakaway bases, soil stabilizers, and hardware.
2. Assembly and installation of breakaway base sign supports as per details shown in these plans and Standard Plate 634.85.
3. Assembly of sign(s) to sign post as per erection details for Highway Signs as shown in these plans.
4. Installation of signpost and sign(s).

REMOVE, SALVAGE, RELOCATE & RESET TRAFFIC SIGN

The Contractor shall remove signs, posts, and bases for reset as shown in the table for Permanent Signing. All existing posts, bases, and signs listed in the table that are scheduled for Removal shall be dismantled and delivered to the Deadwood Maintenance Yard. All bolts, nuts, and washers shall be placed in individual 5-gallon pails. Backing materials shall be separated from the signs and may be reused at the Contractor's discretion. Non-threaded connections (rivets) shall be cut when necessary to reduce sign sections to a 4' x 6' maximum size. Wooden posts shall be carefully removed to avoid damage and cleaned of excess dirt and neatly stockpiled separate from the steel posts. All existing Delineators shall be removed and salvaged. All cost for labor and equipment necessary to remove, dismantle, and deliver signs and delineators to the Maintenance Yard shall be incidental to in the contract unit price per each for REMOVE TRAFFIC SIGN.

HARDWARE

Aluminum U-Channel stiffeners shall be used on all standard highway signs greater than 36" in width and shall conform to Alloy 6063-T6 or 6061-T6. The U-Channel shall be 2 inches in width and free of holes. The U-Channel stiffeners shall also be used to connect various signs and perforated tube posts together so that an entire sign can be erected as a single installation. Stiffeners may be fastened to signs by use of ¼" drive rivets. Installation of the stiffeners shall be incidental to other contract items.

Perforated tube signpost material shall be fastened with 5/16" diameter corner bolts (Grade 2).

All perforated tube signposts shall have a soil stabilizer attached to the base. Soil stabilizers shall be a MPJ Sign Wedge manufactured by MPJ Enterprises, Inc., 304 Spring Ave. N., Lake Preston, SD 57249 or equal as approved by the Engineer.

SEQUENCE OF OPERATIONS

The Contractor shall start construction on the right turn lane into the highway service center prior to starting any work in the median. The Contractor shall construct temporary 3:1 slopes to remove any pavement edge drop offs during construction. All costs associated with this work shall be incidental to the various bid items on the project.

TURN LANES FOR HIGHWAY SERVICE CENTER AT EXIT 17

SECTION 15 & 22 - T6N - R3E - BHM

CITY OF SPEARFISH, LAWRENCE COUNTY, SD

GENERAL NOTES AND TABLES (Continued)

Drawn By: CDK/CLG

Checked By: NEH

Surveyed By: CLG/CMT

Designed By: CLG

Project No: L15-00-157

Date: 02/01/2017

Interstate Engineering, Inc.

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Offices in North Dakota, Minnesota, Montana and South Dakota

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Sheet Number



PERMANENT SIGNING - Hwy #: 085																
EXISTING STA (Approx.)	NEW STA (Approx.)	SIGN								POST					SIGN DESCRIPTION	WORK TO BE DONE
		Number	Width (in)	Height (in)	Facing Traffic	New Sign	Remove Existing	Square Footage	Sheeting Type	New Post	Length (ft)	Size (in)	# of Posts	Shear Slip Base		
SB 85																
1+00	Same	M1-4	24	24	SOUTHBOUND	NO	NO	-	-	NO	-	-	-	-	ROUTE MARKER (US HIGHWAYS)	LEAVE AS IS
1+90	Same	R-NS2	126	96	SOUTHBOUND	NO	YES	-	-	NO	-	-	-	-	CLOSED WHEN FLASHING	REMOVE & REINSTALL EXISTING SIGN AT SAME LOCATION
3.80	Same	ADO-5	60	24	SOUTHBOUND	NO	NO	-	-	NO	-	-	-	-	ADOPT A HIGHWAY LITTER CONTROL COURTESY OF	LEAVE AS IS
3.80	Same	ADO-6	30	30	SOUTHBOUND	NO	NO	-	-	NO	-	-	-	-	LITTER CREW AHEAD - Hinged	LEAVE AS IS
4+50	Same				SOUTHBOUND	NO	YES	-	-	NO	-	-	-	-	JUST A REMINDER, SPEED LIMIT 65, PLEASE BUCKLE UP	REMOVE & REINSTALL EXISTING SIGN AT SAME LOCATION
NA	4+75	R5-1	48	48	NORTHBOUND	FLAT ALUM	NO	16.0	XI	YES	12	2.0	2	YES	DO NOT ENTER	INSTALL NEW SIGN AND POST
NA	5+20	R5-1	36	36	EASTBOUND	FLAT ALUM	NO	9.0	XI	YES	11	2.0	2	YES	DO NOT ENTER	INSTALL NEW SIGN AND POST
NA	5+20	R6-1R	36	12	EASTBOUND	FLAT ALUM	NO	3.0	IV	NO	-	-	-	-	ONE WAY ON RIGHT ARROW	INSTALL NEW SIGN ABOVE DO NOT ENTER SIGN
NA	6+00	R5-1	36	36	EASTBOUND	FLAT ALUM	NO	9.0	XI	YES	11	2.0	2	YES	DO NOT ENTER	INSTALL NEW SIGN AND POST
NA	6+00	R6-1R	36	12	EASTBOUND	FLAT ALUM	NO	3.0	IV	NO	-	-	-	-	ONE WAY ON RIGHT ARROW	INSTALL NEW SIGN ABOVE DO NOT ENTER SIGN
NA	6+00	R1-1	48	48	EASTBOUND	FLAT ALUM	NO	13.3	XI	YES	12	2.0	2	YES	STOP	INSTALL NEW SIGN AND POST
NA	6+00	R6-1R	36	12	EASTBOUND	FLAT ALUM	NO	3.0	IV	NO	-	-	-	-	ONE WAY ON RIGHT ARROW	INSTALL NEW SIGN ABOVE STOP SIGN
NA	6+00	R6-1L	36	12	WESTBOUND	FLAT ALUM	NO	3.0	IV	NO	-	-	-	-	ONE WAY ON LEFT ARROW	INSTALL NEW SIGN ABOVE STOP SIGN
2+40	Same	D1-1L	-	-	SOUTHBOUND	NO	NO	-	-	NO	-	-	-	-	DESTINATION - 1 LINE W/ARROW-LEFT (ST. ONGE)	LEAVE AS IS
4+50	Same	D1-1R	-	-	SOUTHBOUND	NO	NO	-	-	NO	-	-	-	-	DESTINATION - 1 LINE W/ARROW-RIGHT (AIRPORT)	LEAVE AS IS
4+50	Same	R5-1A	42	30	NORTHBOUND	NO	NO	-	-	NO	-	-	-	-	WRONG WAY	LEAVE AS IS
NA	4+50	R5-1A	42	30	NORTHBOUND	FLAT ALUM	NO	8.8	XI	YES	12	2.0	2	YES	WRONG WAY	INSTALL NEW SIGN AND POST
5+86	Same	R5-1	36	36	SOUTHBOUND	NO	NO	-	-	NO	-	-	-	-	DO NOT ENTER	LEAVE AS IS
5+86	Same	R5-1	48	48	SOUTHBOUND	NO	NO	-	-	NO	-	-	-	-	DO NOT ENTER	LEAVE AS IS
LT TURN LANE CO																
0+00	Same	R4-7R	24	30	SOUTHBOUND	NO	YES	-	-	NO	-	-	-	-	KEEP RIGHT - SYMBOL	RESET EXISTING SIGN & POST
CO BLV																
"-0+55	Same	R1-1	48	48	EASTBOUND	NO	YES	-	-	YES	12	2.0	2	YES	STOP	REMOVE EXISTING SIGN & INSTALL EXISITNG SIGN ON NEW POST
"-0+55	Same	R6-1R	36	12	EASTBOUND	FLAT ALUM	YES	3.0	IV	NO	-	-	-	-	ONE WAY ON RIGHT ARROW	REMOVE EXISITNG SIGN & INSTALL NEW SIGN ABOVE STOP SIGN
"-0+55	Same	R6-1L	36	12	WESTBOUND	FLAT ALUM	YES	3.0	IV	NO	-	-	-	-	ONE WAY ON LEFT ARROW	REMOVE EXISITNG SIGN & INSTALL NEW SIGN ABOVE STOP SIGN
"-0+55	Same	R6-3	30	24	EASTBOUND	FLAT ALUM	NO	5.0	IV	NO	-	-	-	-	DIVIDED HIGHWAY CROSSING THRU	INSTALL NEW SIGN BELOW STOP SIGN
"-0+52	Same	D3-1			SOUTHBOUND	NO	NO			NO					STREET SIGN (E COLORADO BLVD)	LEAVE AS IS
"-0+52	Same	D3-1			EASTBOUND	NO	NO			NO					STREET SIGN (HWY 85)	LEAVE AS IS
NB 85																
2+80	Same	D1-1R	-	-	NORTHBOUND	NO	NO	-	-	NO	-	-	-	-	DESTINATION - 1 LINE W/ARROW-RIGHT	LEAVE AS IS (ST. ONGE 6)
4+50	Same	D1-1L	-	-	NORTHBOUND	NO	NO	-	-	NO	-	-	-	-	DESTINATION - 1 LINE W/ARROW-LEFT	LEAVE AS IS (AIRPORT)
2+10	Same	R5-1A	42	30	SOUTHBOUND	NO	NO	-	-	NO	-	-	-	-	WRONG WAY	LEAVE AS IS
NA	2+10	R5-1A	42	30	SOUTHBOUND	FLAT ALUM	NO	8.8	XI	YES	12	2.0	2	YES	WRONG WAY	INSTALL NEW SIGN AND POST
1+70	Same	R5-1	36	36	SOUTHBOUND	NO	-	-	XI	NO	-	-	-	-	DO NOT ENTER	LEAVE AS IS
1+70	Same	R5-1	48	48	SOUTHBOUND	NO	YES	-	XI	YES	12	2.0	2	YES	DO NOT ENTER	REMOVE EXISTING SIGN & RESET SIGN ON NEW POSTS
0+00	Same	R1-2	36	36	EASTBOUND	NO	YES	-	XI	YES	11	2.0	2	YES	YIELD	REMOVE EXISTING SIGN & INSTALL EXISTING SIGN ON NEW POST
0+00	Same	R6-1R	36	12	EASTBOUND	FLAT ALUM	NO	3.0	IV	NO	-	-	-	-	ONE WAY ON RIGHT ARROW	INSTALL NEW SIGN ABOVE YIELD SIGN
0+00	Same	R6-1L	36	12	WESTBOUND	FLAT ALUM	NO	3.0	IV	NO	-	-	-	-	ONE WAY ON LEFT ARROW	INSTALL NEW SIGN ABOVE YIELD SIGN
"-0+30	Same	R1-1	48	48	WESTBOUND	NO	YES	-	-	YES	12	2.0	2	YES	STOP	REMOVE EXISTING SIGN & INSTALL EXISTING SIGN ON NEW POST
"-0+30	Same	R6-1R	36	12	WESTBOUND	FLAT ALUM	YES	3.0	IV	NO	-	-	-	-	ONE WAY ON RIGHT ARROW	REMOVE EXISITNG SIGN & INSTALL NEW SIGN ABOVE STOP SIGN
"-0+30	Same	R6-1L	36	12	EASTBOUND	NO	YES	-	-	NO	-	-	-	-	ONE WAY ON LEFT ARROW	REMOVE EXISITNG SIGN & INSTALL EXISTING SIGN ABOVE STOP SIGN
"-0+30	Same	R6-3	30	24	WESTBOUND	FLAT ALUM	NO	5.0	IV	NO	-	-	-	-	DIVIDED HIGHWAY CROSSING THRU	INSTALL NEW SIGN UNDER STOP SIGN
"-1+00	Same	R1-2	36	36	WESTBOUND	NO	YES	-	-	YES	11	2.0	2	YES	YIELD	REMOVE EXISTING SIGN & INSTALL EXISTING SIGN ON NEW POST
"-1+00	Same	R6-1R	36	12	WESTBOUND	FLAT ALUM	YES	3.0	IV	NO	-	-	-	-	ONE WAY ON RIGHT ARROW	REMOVE EXISITNG SIGN & INSTALL NEW SIGN ABOVE YIELD SIGN
"-1+00	Same	R6-1L	36	12	EASTBOUND	FLAT ALUM	NO	3.0	IV	NO	-	-	-	-	ONE WAY ON LEFT ARROW	INSTALL NEW SIGN ABOVE YIELD SIGN
"-0+35	Same	D3-1			NORTHBOUND	NO				NO					STREET SIGN (ST. ONGE ROAD)	LEAVE AS IS
"-0+35	Same	D3-1			WESTBOUND	NO				NO					STREET SIGN (HWY 85)	LEAVE AS IS
NB LT TURN HSC																
NA	5+20	R1-2	36	36	WESTBOUND	FLAT ALUM	NO	3.9	XI	YES	11	2.0	2	YES	YIELD	INSTALL NEW SIGN AND POST
	5+20	R6-1L	36	12	WESTBOUND	FLAT ALUM	NO	3.0	IV	NO	-	-	-	-	ONE WAY ON LEFT ARROW	INSTALL NEW SIGN ABOVE YIELD SIGN
CO LOOP SOUTH ENT																
NA	40' LT CL	R3-8	30	30	SOUTHBOUND	FLAT ALUM	NO	6.3	IV	YES	10	2.0	1	YES	ADVANCED INTERSECTION LANE CONTROL-LT & RT ARROW ONLY	INSTALL NEW SIGN AND POST
NA	80' LT CL	R1-1	36	36	SOUTHBOUND	FLAT ALUM	NO	7.5	XI	YES	10	2.0	1	YES	STOP	INSTALL NEW SIGN AND POST
CO LOOP EAST ENT																
NA	5+20	R1-1	36	36	WESTBOUND	FLAT ALUM	NO	7.5	XI	YES	10	2.0	1	YES	STOP	INSTALL NEW SIGN AND POST
NA	5+70	R3-5R	30	30	EASTBOUND	FLAT ALUM	NO	6.3	IV	YES	10	2.0	1	YES	RIGHT TURN ONLY - ARROW	INSTALL NEW SIGN AND POST

PERMANENT SIGNING TOTALS				
2" Perforated Posts	Flat Alum IV	Flat Alum XI	Remove Sign	Salvage & Reset
305.0	58.5	83.7	4.0	9.0



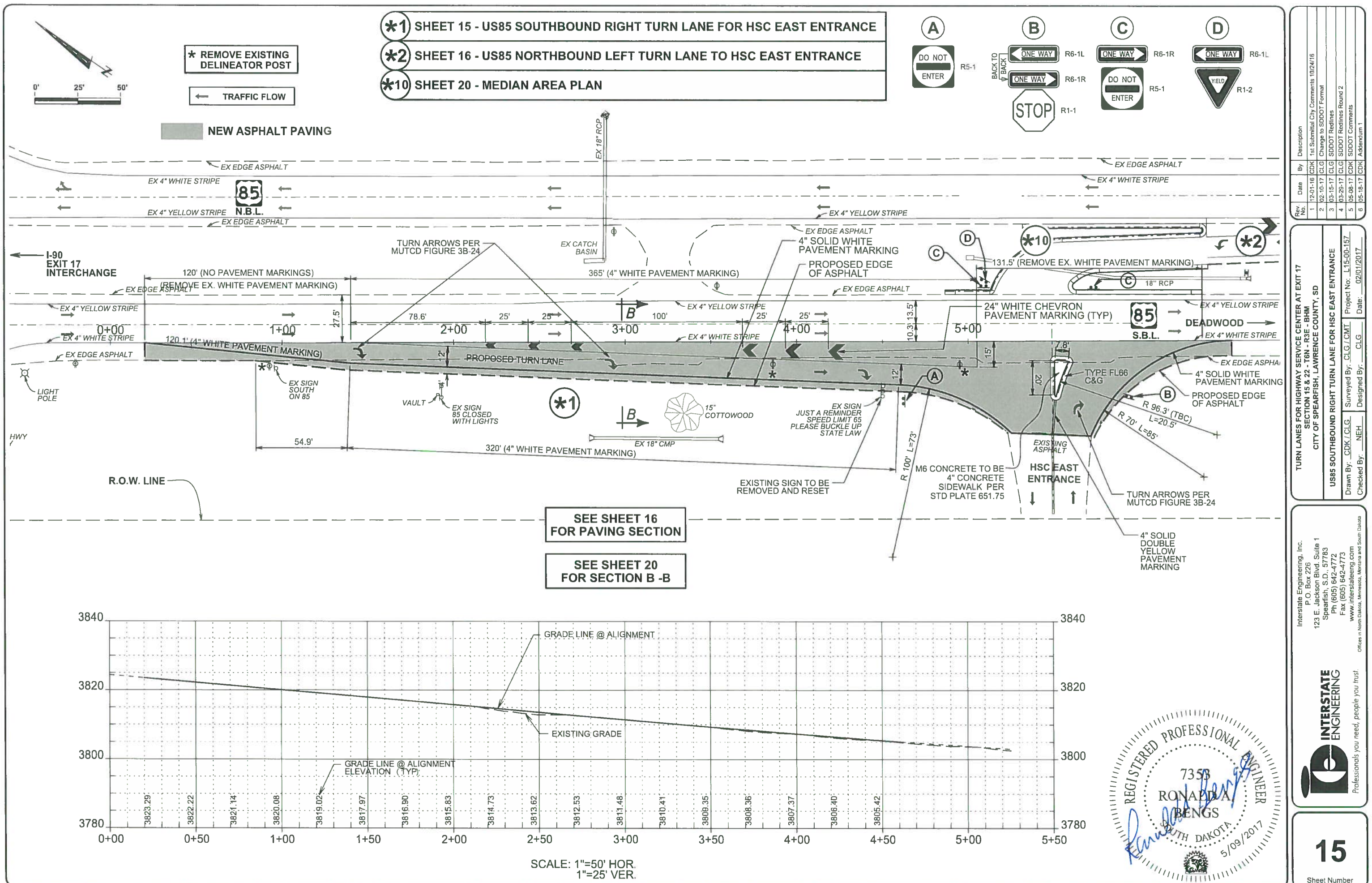
Rev. No.	Date	By	Description
1	12-01-16	CDK	1st Submittal City Comments 10/24/16
2	02-10-17	CLG	Change to SDDOT Format
3	03-15-17	CLG	SDDOT Redlines
4	03-29-17	CLG	SDDOT Redlines Round 2
5	05-08-17	CDK	SDDOT Comments
6	05-19-17	CDK	Addendum 1

TURN LANES FOR HIGHWAY SERVICE CENTER AT EXT 17 SECTION 15 & 22 - TON - R3E - BHM CITY OF SPEARFISH, LAWRENCE COUNTY, SD		PERMANENT SIGNING TABLE	
Drawn By: CDK / CLG	Surveyed By: CLG / CMT	Project No: L15-00-157	Date: 02/01/2017
Checked By: NEH	Designed By: CLG		

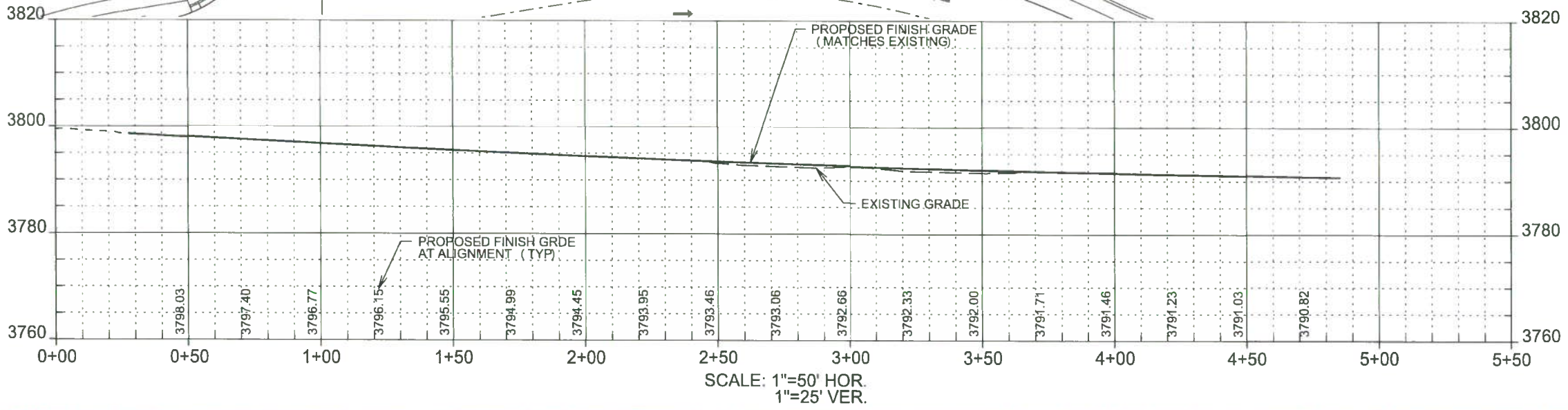
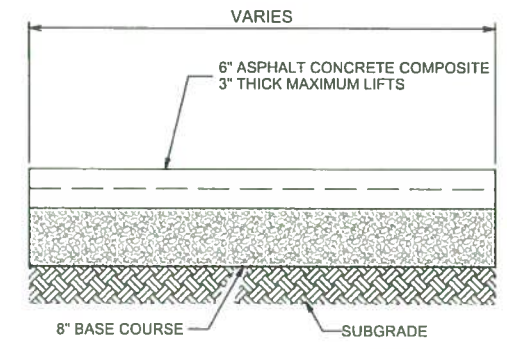
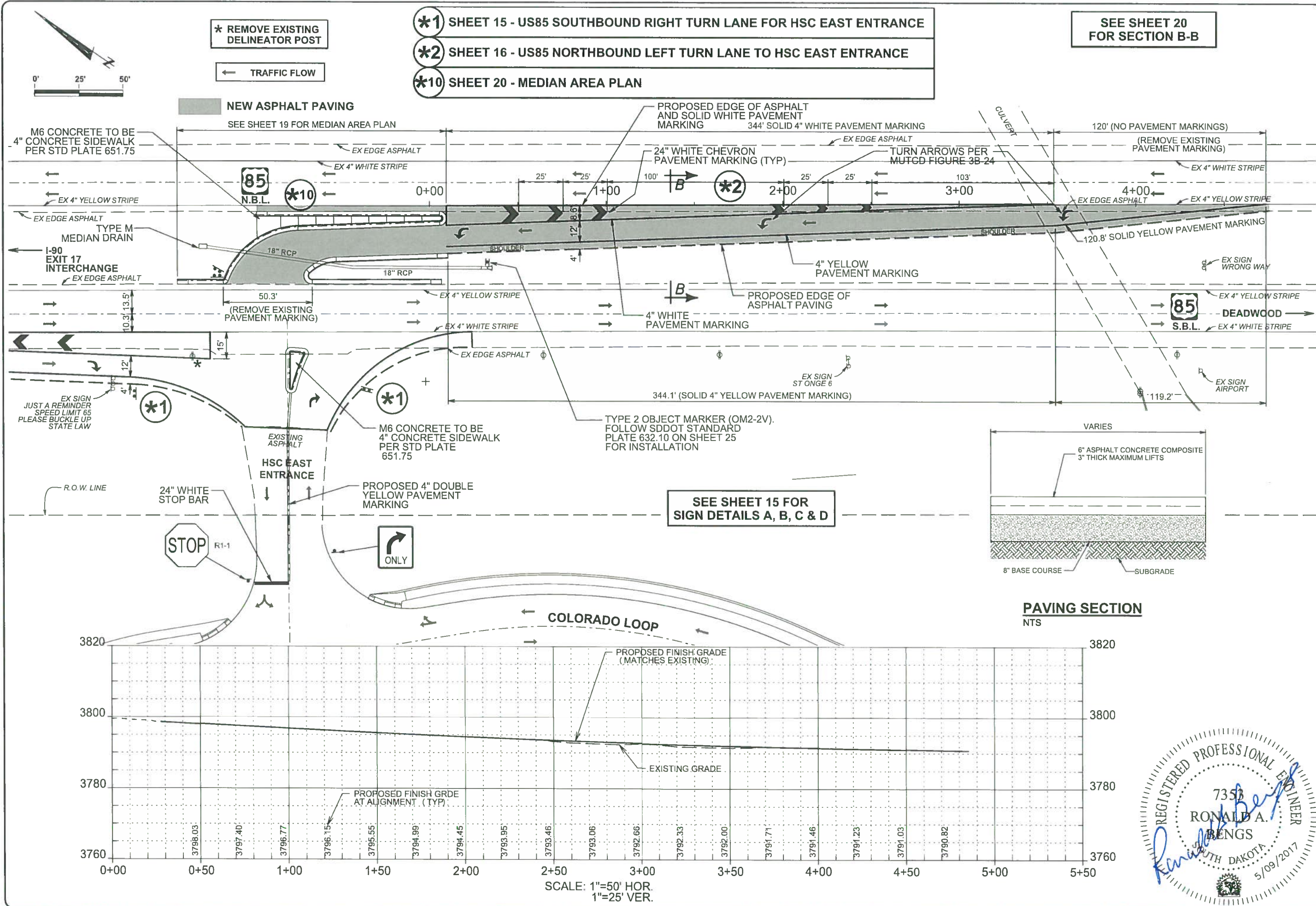
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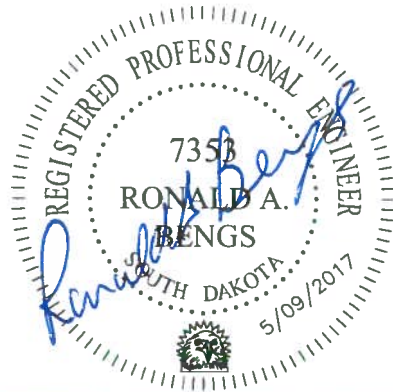




- \*1 SHEET 15 - US85 SOUTHBOUND RIGHT TURN LANE FOR HSC EAST ENTRANCE
- \*2 SHEET 16 - US85 NORTHBOUND LEFT TURN LANE TO HSC EAST ENTRANCE
- \*10 SHEET 20 - MEDIAN AREA PLAN

SEE SHEET 20  
FOR SECTION B-B

SEE SHEET 15 FOR  
SIGN DETAILS A, B, C & D



By: CDK  
Date: 12-01-16  
Rev: 1

Description: 1st Submittal City Comments 10/24/16

By: CDK  
Date: 02-10-17  
Rev: 2

Description: Change to SDDOT Format

By: CDK  
Date: 03-15-17  
Rev: 3

Description: SDDOT Redlines

By: CDK  
Date: 03-28-17  
Rev: 4

Description: SDDOT Redlines Round 2

By: CDK  
Date: 05-08-17  
Rev: 5

Description: SDDOT Comments

By: CDK  
Date: 05-16-17  
Rev: 6

Description: Addendum 1

TURN LANES FOR HIGHWAY SERVICE CENTER AT EXIT 17  
SECTION 15 & 22 - T&N - R3E - BHM  
CITY OF SPEARFISH, LAWRENCE COUNTY, SD

US85 NORTHBOUND LEFT TURN LANE TO HSC EAST ENTRANCE  
Project No: L15-00-157  
Drawn By: CDK / CLG  
Checked By: NEH  
Surveyed By: CLG / CMT  
Designed By: CLG  
Date: 02/01/2017

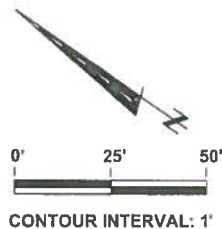
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Sheet Number

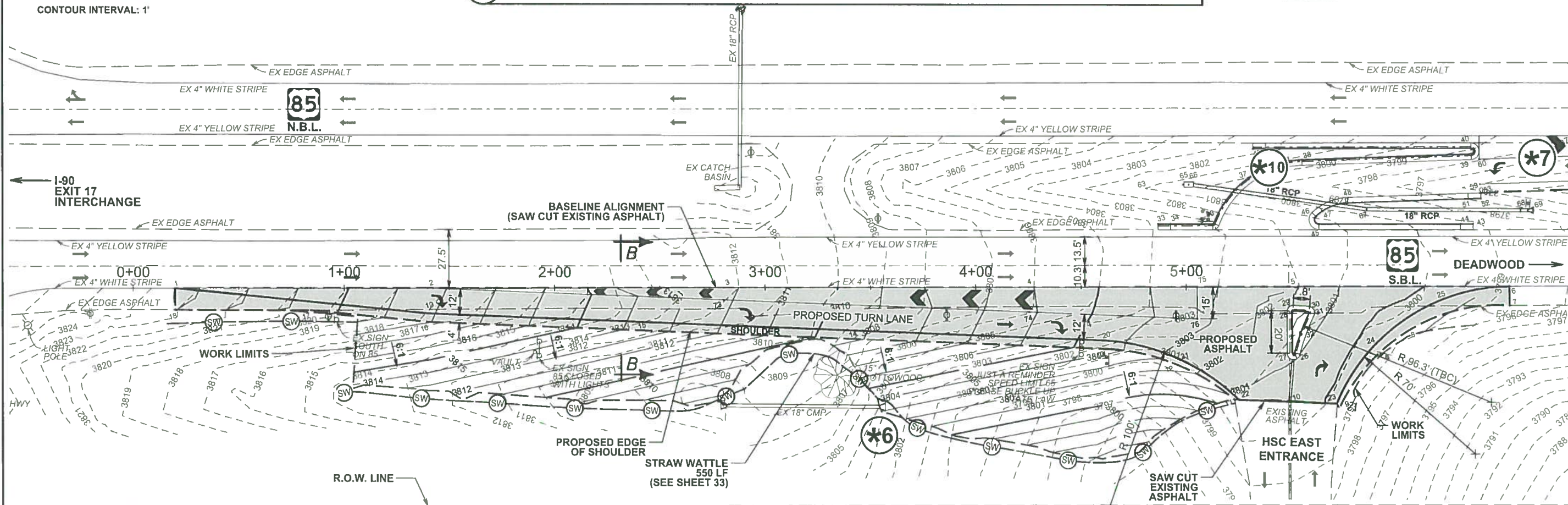




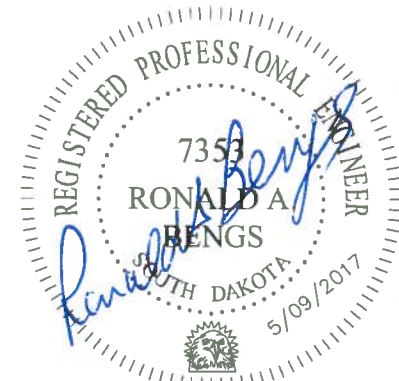
- \*6 SHEET 19 - GRADING PLAN US85 SOUTHBOUND RIGHT TURN LANE FOR HSC EAST ENTRANCE
- \*7 SHEET 20 - GRADING PLAN US85 NORTHBOUND LEFT TURN LANE TO HSC EAST ENTRANCE
- \*10 SHEET 20 - GRADING PLAN FOR MEDIAN AREA

SEE SHEET 20  
FOR SECTION B-B

NEW ASPHALT PAVING



GRADING POINT LIST DATA				
Pt #	Northing	Easting	Elevation	Description
1	9022.70	5528.76	3823.51	Striping
2	8924.49	5597.18	3818.40	Striping
3	8809.12	5677.56	3812.31	Striping
4	8690.27	5760.36	3806.10	Striping
5	8598.78	5831.16	3802.06	Asphalt
6	8503.01	5891.04	3798.97	Striping
7	8497.76	5883.75	3798.70	Edge Asphalt
8	8530.57	5846.46	3799.26	Edge Asphalt
9	8537.01	5798.94	3799.80	Edge Asphalt
10	8557.67	5786.59	3800.47	Asphalt
11	8579.73	5772.40	3800.80	Edge Asphalt
12	8613.89	5769.99	3802.69	Edge Asphalt
13	8643.62	5757.24	3804.46	Edge Asphalt
14	8747.20	5691.23	3809.34	Edge Asphalt
15	8831.55	5637.47	3813.71	Edge Asphalt
16	8915.74	5583.81	3818.10	Edge Asphalt
17	8963.95	5556.96	3820.54	Edge Asphalt
18	9016.84	5520.36	3823.04	Edge Asphalt
19	8917.79	5587.25	3818.17	Striping
20	8647.93	5759.24	3804.62	Striping
21	8613.59	5773.01	3802.67	Striping
22	8578.02	5773.60	3800.80	Striping
23	8538.96	5798.53	3799.84	Striping
24	8540.21	5829.52	3799.58	Striping
25	8526.58	5866.46	3799.25	Striping
26	8568.90	5806.64	3801.49	TBC PC 4"R
27	8569.48	5806.34	3801.67	TBC PT 4"R
28	8580.69	5822.51	3802.24	TBC PC 4"R
29	8580.58	5822.99	3802.29	TBC PT 4"R
30	8574.62	5826.51	3801.97	TBC PC 4"R
31	8574.12	5826.27	3801.77	TBC PT 4"R
32	8572.03	5816.32	3801.66	TBC MID PT 96.34R
73	8805.79	5672.86	3812.19	Striping
74	8683.69	5750.68	3806.17	Striping
75	8624.65	5806.08	3803.62	Striping
76	8616.07	5793.77	3803.32	Striping



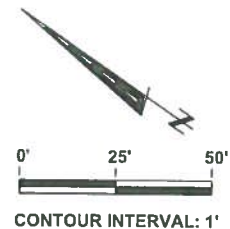
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SECTION 15 & 22 - T&N - R3E - BHM  
CITY OF SPEARFISH, LAWRENCE COUNTY, SD  
GRADING AND EROSION CONTROL PLAN  
US85 SOUTHBOUND RIGHT TURN LANE FOR HSC EAST ENTRANCE  
Drawn By: CDK / CLG  
Surveyed By: CLG / CMT  
Project No: L15-00-157  
Checked By: NEH  
Designed By: CLG  
Date: 02/01/2017

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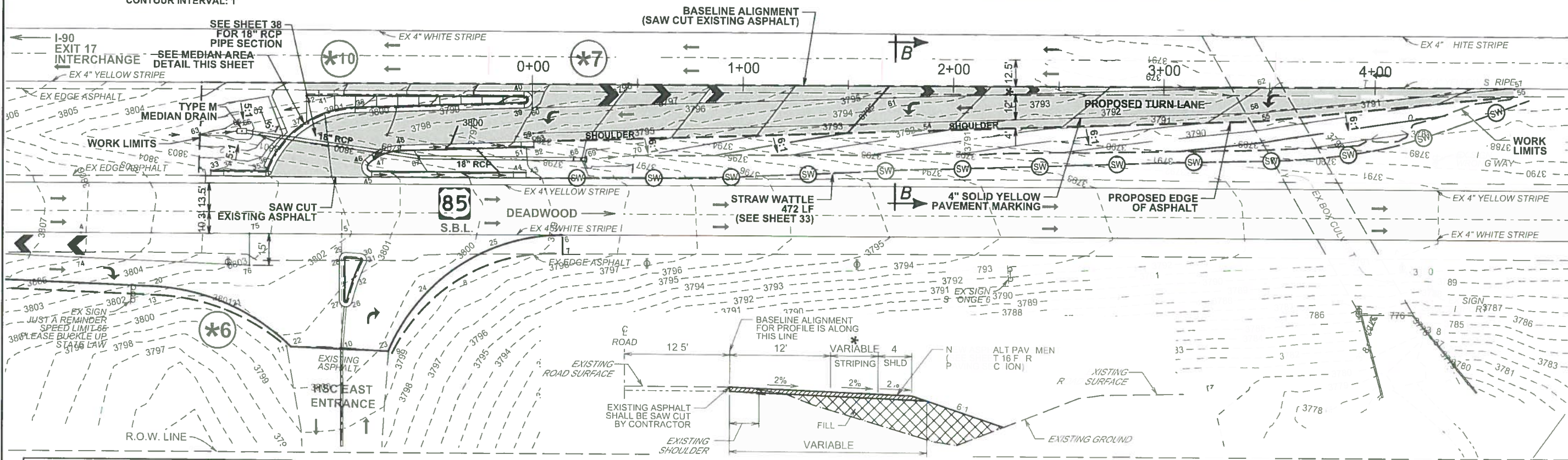




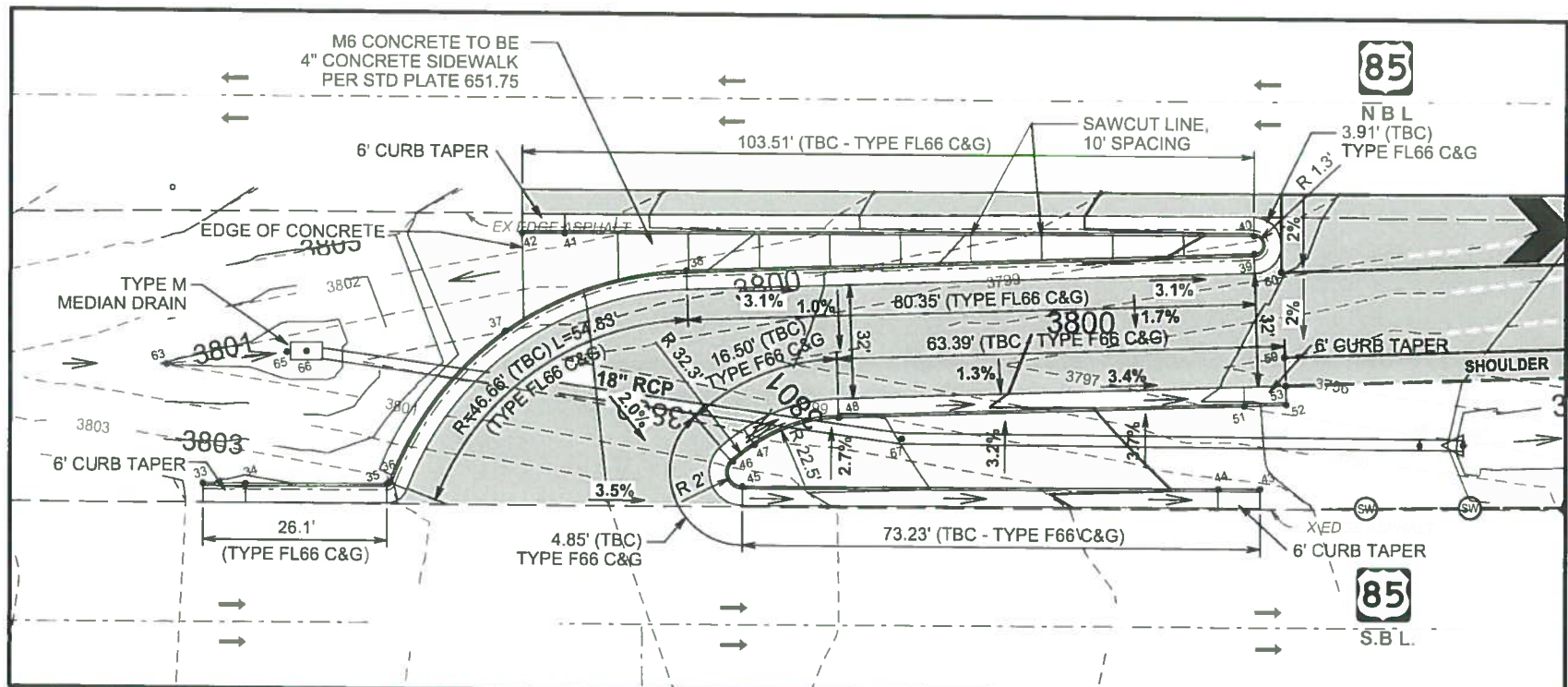
SEE SHEET 16  
FOR PAVING SECTION

NEW ASPHALT PAVING

- \*6 SHEET 19 - GRADING PLAN US85 SOUTHBOUND RIGHT TURN LANE FOR HSC EAST ENTRANCE
- \*7 SHEET 20 - GRADING PLAN US85 NORTHBOUND LEFT TURN LANE TO HSC EAST ENTRANCE
- \*10 SHEET 20 - GRADING PLAN FOR MEDIAN AREA



SECTION B-B  
NTS



MEDIAN AREA DETAIL  
NTS

GRADING POINT LIST DATA				
Pt #	Northing	Easting	Elevation	Description
33	8656.72	5820.01	3803.92	TBC_Begin 6' Taper
34	8651.79	5823.44	3804.22	TBC_End 6' Taper
35	8635.33	5834.89	3803.04	TBC_PC 4'R
36	8635.20	5835.25	3803.03	TBC_PT 4'R
37	8633.92	5862.24	3802.31	TBC_Mid Pt 46.67R
38	8617.89	5884.00	3802.10	TBC_PT 46.67R
39	8553.54	5932.12	3799.63	TBC_PC 1.26R
40	8555.01	5934.15	3799.78	TBC_PT 1.26R
41	8634.96	5878.34	3802.91	TBC_Begin 6' Taper
42	8639.88	5874.90	3802.62	TBC_End 6' Taper
43	8533.92	5905.48	3799.13	TBC_Begin 6' Taper
44	8538.85	5902.05	3799.80	TBC_End 6' Taper
45	8594.03	5863.65	3801.77	TBC_PC 2R
46	8597.11	5865.78	3801.56	TBC_PT 2R
47	8595.96	5869.41	3801.48	TBC_PC 32.33R
48	8588.41	5879.40	3801.22	TBC_PT 22.5R
51	8542.45	5913.77	3799.29	TBC_Begin 6' Taper
52	8537.65	5917.36	3798.55	TBC_End 6' Taper
53	8539.25	5919.50	3798.69	Edge Asphalt
54	8391.87	6029.70	3794.26	Edge Asphalt
55	8263.20	6125.90	3791.69	Edge Asphalt
56	8171.14	6204.97	3790.76	Edge Asphalt
57	8174.82	6207.08	3790.85	Striping
58	8265.71	6129.03	3791.78	Striping
59	8541.71	5922.65	3798.77	Striping @ Gutter
60	8548.90	5932.26	3799.02	Striping
61	8411.06	6035.32	3794.84	Striping
62	8273.22	6138.39	3792.03	Striping
63	8670.47	5830.81	3800.97	F/I Drainage
65	8657.52	5841.97	3800.55	F/I Drainage @ Drain
66	8656.33	5843.64	3800.55	Center of Drain
67	8579.44	5882.14	3800.98	18\"/>
68	8518.96	5923.50	3798.24	Safety End Sec
69	8514.02	5927.06	3796.34	F/I Drainage
70	8496.59	5941.42	3796.12	F/I Drainage

Rev	Date	By	Description
1	12-01-16	CDK	1st Submittal City Comments 10/24/16
2	02-10-17	CLG	Change to SDDOT Format
3	03-15-17	CLG	SDDOT Redlines
4	03-29-17	CLG	SDDOT Redlines Round 2
5	05-08-17	CDK	SDDOT Comments
6	05-18-17	CDK	Addendum 1

TURN LANES FOR HIGHWAY SERVICE CENTER AT EXIT 17  
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